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Revision 0

Groundwater Field Characterization Report for the 200 Aggregate Area Management Study

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Office of Environmental Restoration and
Waste Management

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Hanford Company Richland, Washington

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7. Abstract

Contaminant Plume maps for unconfined aquifer of the 200 East and 200 West groundwater aggregate areas are refined and updated based on groundwater sampling conducted in support of the 200 Aggregate Area Management Study. Data deficiencies are identified with recommendations for additional sampling and well drilling.

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ACRONYMS

AAMS	Aggregate Area Management Study
DL	detection limit
DOE	U.S. Department of Energy
DWS	Drinking Water Standard
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
MCL	maximum contaminant level
MDC	minimum detectable concentration
PUREX	Plutonium-Uranium Extraction Facility
RCRA	*Resource Conservation and Recovery Act of* 1976
RFI/CMS	RCRA Facility Investigation/Corrective Measures Study
RI/FS	remedial investigation/feasibility study
SAP	Sampling and Analysis Plan
Tri-Party Agreement	*Hanford Federal Facility Agreement and Consent Order*
WWQS	Washington Water Quality Standard

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1.0 INTRODUCTION

1.1 PURPOSE

This document has been prepared to report the results of the 200 Aggregate Area Management Study (AAMS) groundwater sampling and analysis investigation conducted during fiscal year 1992 and to update the contaminant plume distribution maps presented in the 200 West and 200 East Groundwater AAMS reports (DOE 1992a and 1992b).

1.2 BACKGROUND INFORMATION

The 1991 revision to the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) (Ecology et al. 1991) requires that an aggregate area approach be implemented in the 200 Area based on the *Hanford Past-Practice Investigation Strategy* (DOE 1991a). The *Hanford Past-Practice Investigation Strategy* was developed among the Washington State Department of Ecology (Ecology), the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Energy (DOE) to streamline the existing remedial investigation/feasibility study (RI/FS) and *Resource Conservation and Recovery Act of* 1976 (RCRA) facility Investigation/corrective measures study (RFI/CMS) processes and to promote the use of interim actions to accelerate cleanup.For the 200 Areas, the first step in the strategy is the conduct of Aggregate Area Management Studies to support the Hanford Past-Practice Investigation Strategy decision-making process.

The AAMS program for the 200 Area consisted of a series of ten AAMS for eight source and two groundwater aggregate areas and limited field screening investigations. The studies involved the search, compilation, and evaluation of existing operational and environmental data. Based on this information, decisions were made regarding which Hanford Past-Practice Investigation Strategy path (i.e., expedited response action, interim remedial measure limited field investigation, or final remedy selection) to pursue for further actions at individual waste sites. The results were presented in a series of ten AAMS reports. The field screening investigations included a groundwater monitoring program and geophysical logging program.

The groundwater investigation was implemented to refine groundwater contaminant plume maps and identify contaminants of concern in the 200 Areas. The sampling and analysis plan (SAP) describing the field activities was issued in November 1991 and is appended to this document for information (Appendix A). The SAP proposed a groundwater sampling network and schedule. Wells were selected for sampling based on a review of existing environmental data. Results of the field investigation will be used to refine site-specific conceptual models first established in the AAMS reports, support Hanford Past-Practice Investigation Strategy decisions, and focus future characterization needs via work plans.

1.3 SCOPE AND OBJECTIVES

The objective of this report is to integrate the hydrochemical data

available from Hanford Site groundwater monitoring programs (200 AAMS and others), update the plume distribution maps reported in the groundwater models developed to date (Connelly et al. 1992a and 1992b), and to make recommendations concerning data gaps and further sampling and analysis activities.

Chapter 1.0 contains the purpose, background information, scope, and objectives of the report. Contaminant detections and distributions are presented in Chapter 2.0. Finally, data gaps and sampling coverage deficiencies are discussed in Chapter 3.0 along with recommendations for additional field sampling. The SAP is included for reference in Appendix A. A summary of the field groundwater sampling and analysis investigation is contained in Appendix B. The Appendix B summary includes a description of the assumptions and conceptual approach used in designing and implementing the field program and a summarization of the results of the sampling and analysis tasks described in the SAP.

2.0 PLUME DISTRIBUTION

2.1 GENERAL APPROACH

Included in this section are plume distribution maps for the eighteen contaminants that have been identified to be mappable (i.e., at least one plume with multiple-well exceedances that are semicontiguous). Discussions of the individual plumes are ordered as follows:

Metals: Arsenic, Chromium
Anions: Cyanide, Fluoride, Nitrate
Volatile Organics: Carbon Tetrachloride, Chloroform, Trichloroethylene
Tritium
Beta-emitting radionuclides: Gross beta, Cobalt-60, Strontium-90, Technetium-99, Iodine-129, Cesium-137
Alpha-emitting radionuclides: Gross alpha, Uranium, Plutonium-239/240

The primary objective of each contaminant map is to illustrate the extent of the plume that exceeds the most stringent regulatory standard applicable to the contaminant. The standards have been noted in the legend for each map. In some cases, the detection limit (DL) or minimum detectable concentration (MDC) is greater than the most stringent standard (e.g., arsenic, carbon tetrachloride, and trichloroethylene). In each of these cases, the minimum isopleth has been selected at a value close to the detection limit. The mapped area of each plume that exceeds a regulatory standard is summarized in Table 2-1. Plume areas that extend beyond the mapped borders are not included in these calculations.

In order to illustrate the potential extent of the contaminant plume, an additional contour has been added that is generally equal to one-half the most stringent standard (except where noted). Where it has been possible to include this contour, a dashed line has been used to help distinguish it from the standard-exceeding contours.

Plumes defined by multiple wells are identified with an alphabetic identifier (A, B, C, etc.). Plumes that have only one well or are defined only by the contour equal to one-half the regulatory standard are identified as potential plumes and labeled alphanumerically (P1, P2, P3, etc.).

Average contaminant concentration values exceeding the DL or MDC are noted next to the well to which they apply. Less-than values are not reported.

2.2 CONTAMINANT REVIEW

2.2.1 Metals

2.2.1.1 Arsenic (filtered). The Washington Water Quality Standard (WWQS) for arsenic is 0.05 ppb. This value is three orders of magnitude less than the detection limit (5 ppb) and four orders of magnitude more stringent than the Drinking Water Standard (DWS) and Maximum Contaminant Level (MCL) of 50 ppb. Arsenic contamination is illustrated in Figures 2-1 and 2-2.

Table 2-1. Areas of Plume Exceeding Regulatory Standards (sheet 1 of 2).

CONTAMINANT	PLUME	AREA (m^2)
ARSENIC (filtered)	WEST A	731,237
	WEST B	181,619
	WEST C	199,824
	EAST A	6,712.304
	EAST B	228,992
CHROMIUM (filtered)	WEST A	390,254
	WEST B	267,115
	WEST C	29,362
CYANIDE	EAST	320,806
FLUORIDE	WEST A	40,200
	WEST B	12,165
NITRATE	WEST A	12,037,622
	WEST B	45,078
	WEST C	9,672
	EAST A	642,859
	EAST B	98,339
	EAST C	310,106
	EAST D	14,143
	EAST E	21,042
	EAST F	44,108
CARBON TETRACHLORIDE	WEST	10,651,085
CHLOROFORM	WEST A	3,799,586
	WEST B	200,513
TRICHLOROETHYLENE	WEST A	576,887
	WEST B	149,348
	WEST C	314,066
TRITIUM	WEST A	10,474,862
	WEST B	72,684
	WEST C	1,025,036
	EAST A	6,385,063
	EAST B	828,686

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Table 2-1. Areas of Plume Exceeding Regulatory Standards (sheet 2 of 2).

CONTAMINANT	PLUME	AREA (m^2)
	EAST C	14,664
GROSS BETA	WEST A	2,448,809
	WEST B	553,548
	WEST C	159,462
	EAST A	7,066,333
	EAST B	604,496
	EAST C	145,242
COBALT-60	EAST A	509,780
STRONTIUM-90	EAST A	1,019,081
	EAST B	75,561
	EAST C	72,654
TECHNETIUM-99	WEST A	1,132,871
	WEST B	15,098
	EAST A	1,326,107
	EAST B	488,631
IODINE-129	WEST A	8,769,132
	EAST A	4,710,228
	EAST B	2,280,104
	EAST C	434,412
CESIUM-137	EAST	68,178
GROSS ALPHA	WEST A	1,726,383
	WEST B	471,937
	WEST C	209,437
	EAST A	99,458
	EAST B	26,211
URANIUM	WEST A	1,026,559
	WEST B	189,302
	WEST C	63,321
PLUTONIUM	EAST	179,964

Figure 2-1. 200 West Area Arsenic Map.

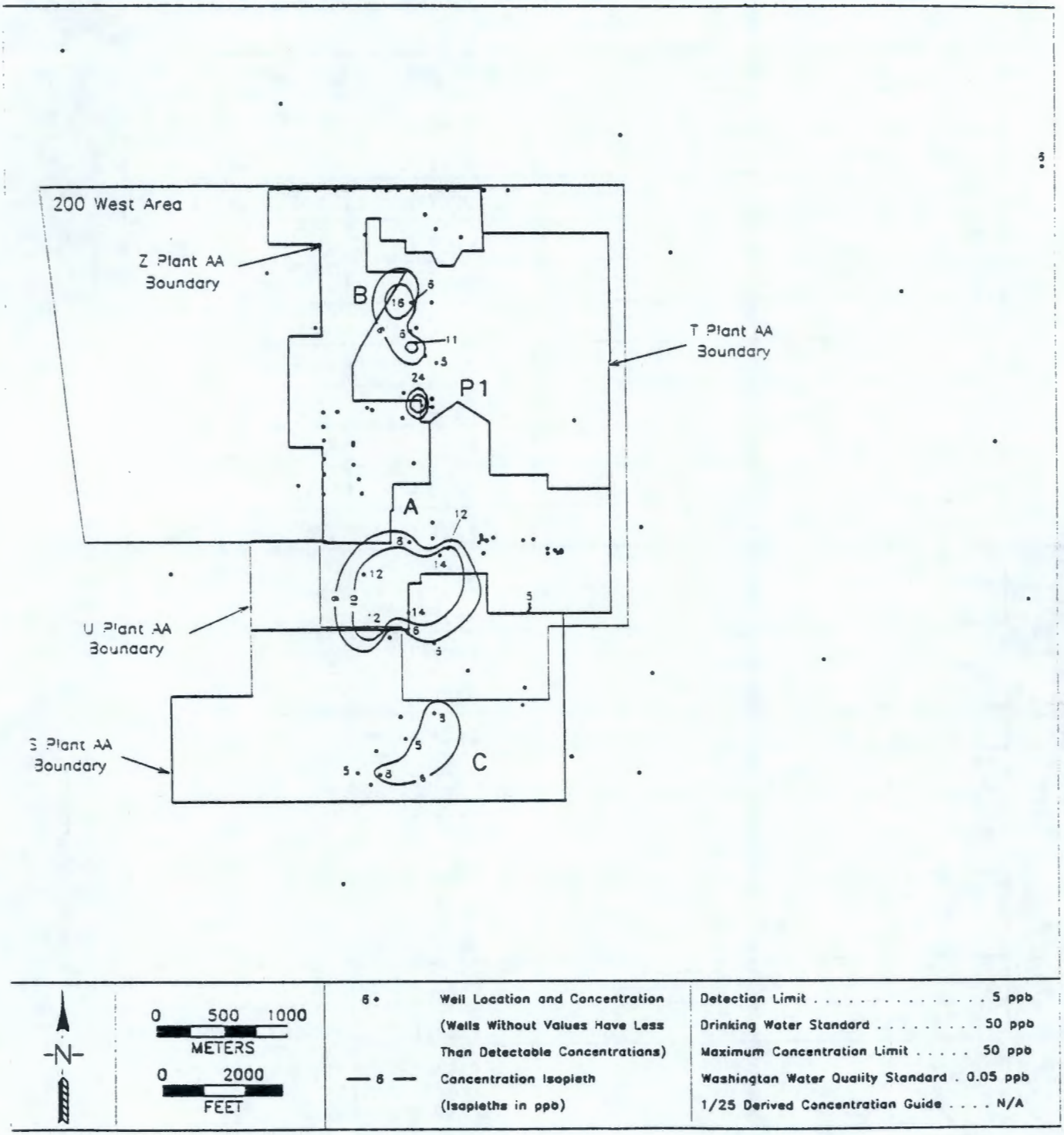
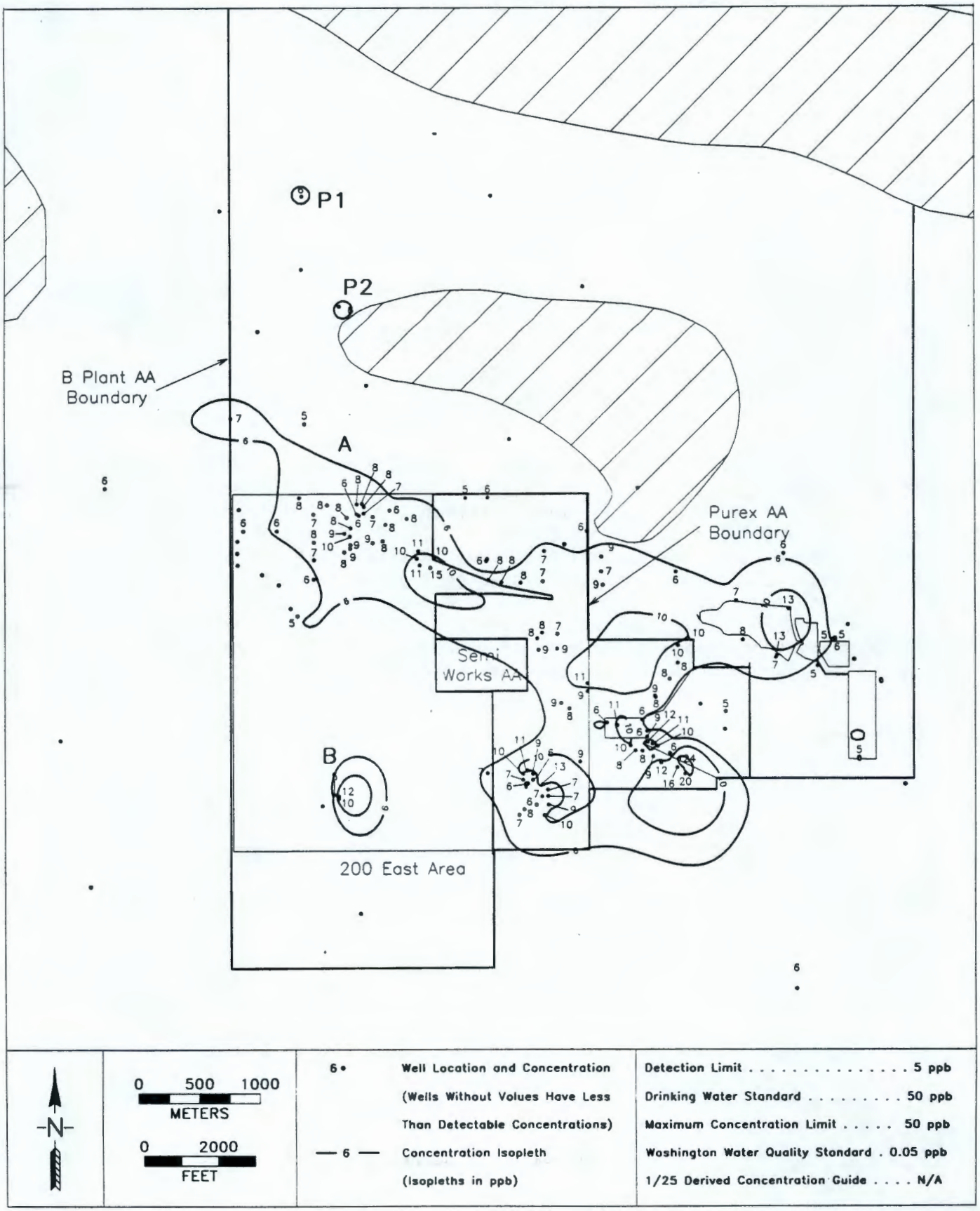


Figure 2-2. 200 East Area Arsenic Map.



Three plumes of contamination (A, B, and C) and one potential plume (P1) are identified in Figure 2-1 for the 200 West Area. The only regulatory standard that is exceeded in any of the wells is the WWQS. The maximum average concentration in 200 West Area wells occurs in Well 2-W15-4 (24 ppb). The well monitors the 216-T-19 Crib and defines a single-well potential plume of contamination (P1).

A large plume of slightly elevated arsenic contamination appears to be present beneath the northeastern half of the 200 East Area (plume A in Figure 2-2). Average detections within the plume range between 6 and 16 ppb with the exception of two wells, 2-E25-30P (24 ppb) and 2-E25-23 (20 ppb). Both wells are in the vicinity of the 216-A-37-2 Crib and in an area influenced by the B-Pond groundwater mound.

2.2.1.2 Chromium (filtered). Chromium contamination in the 200 West and 200 East Aggregate Areas is illustrated in Figures 2-3 and 2-4. In the 200 West Area, the DWS of 50 ppb is exceeded in three plumes (A, B, and C) and three potential contaminant plumes (P1, P2, and P3). The highest average concentration (323 ppb) is in Well 2-W22-20 in plume B. The well is not directly associated with any liquid waste disposal facility. Chromium concentrations in the well have remained relatively steady since 1988.

Four plumes of potential chromium contamination are identified in the 200 East Area (Figure 2-4). Three of the plumes (P2, P3, and P4) encompass wells that have average concentrations between the DWS and one-half the DWS. The fourth plume (P1) is centered on Well 2-E24-19 and has an average concentration of 288 ppb. In spite of the relatively high average concentration, the plume is classified as only potential contamination because the analytical results are in question. The problems with ICP metal results in general and chromium in particular are discussed in the *Annual Report for RCRA Groundwater Monitoring Projects at Hanford Site Facilities for 1992* (DOE 1993). The well is downgradient of the 241-A Tank Farm.

2.2.2 Anions

2.2.2.1 Cyanide. The proposed DWS for cyanide is 200 ppb, well in excess of the detection limit of 10 ppb. One well (6-50-53A) immediately north of the 200 East Area has had consistently elevated cyanide (893 ppb average) and defines the only plume of cyanide contamination in the 200 AAMS. Nitrate, technetium-99, and cobalt-60 are co-contaminants in the well. The contamination is the result of the disposal of scavenged uranium recovery waste to the BY cribs in the 200 East Area during the 1950's. A potential contaminant plume is located to the northwest of 6-50-53A. Figure 2-5 illustrates the area of cyanide contamination.

2.2.2.2 Fluoride. Fluoride contamination is present only in the 200 West Area (Figure 2-6). Two plumes in the north-central portion of the 200 West Area contain wells with contamination in excess of the DWS and MCL for fluoride (4000 ppb each). The highest average value in the two plumes is 10,067 ppb and occurs in Well 2-W15-4. The well monitors the 216-T-19TF Crib, which has been inactive since 1980. No fluoride-containing waste is reported to have been disposed at the crib. Contaminant levels were highest in early 1988, (12,800 ppb) and have decreased to 7200 ppb in 1992. Potential

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Figure 2-3. 200 West Area Chromium Map.

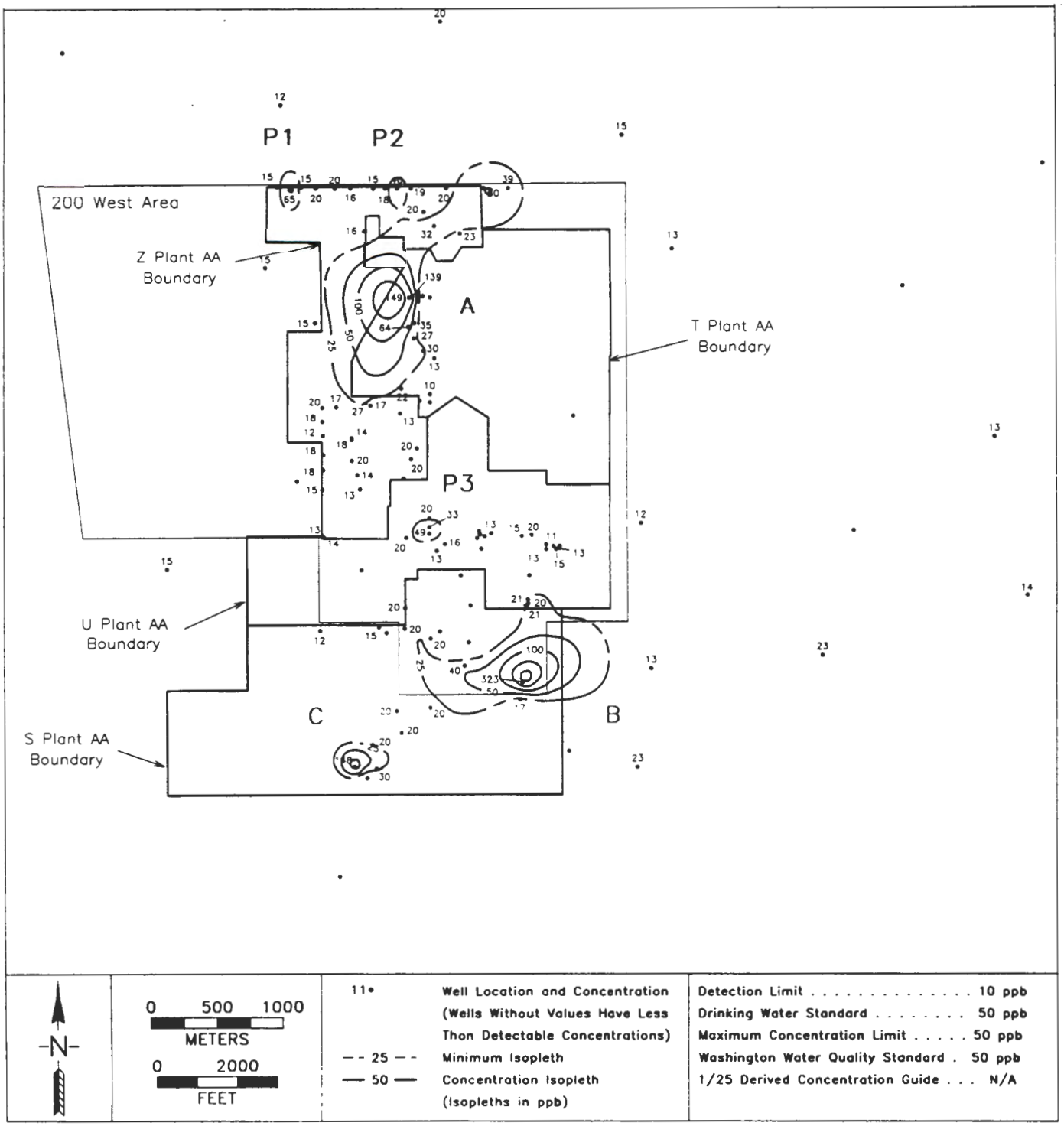


Figure 2-4. 200 East Area Chromium Map.

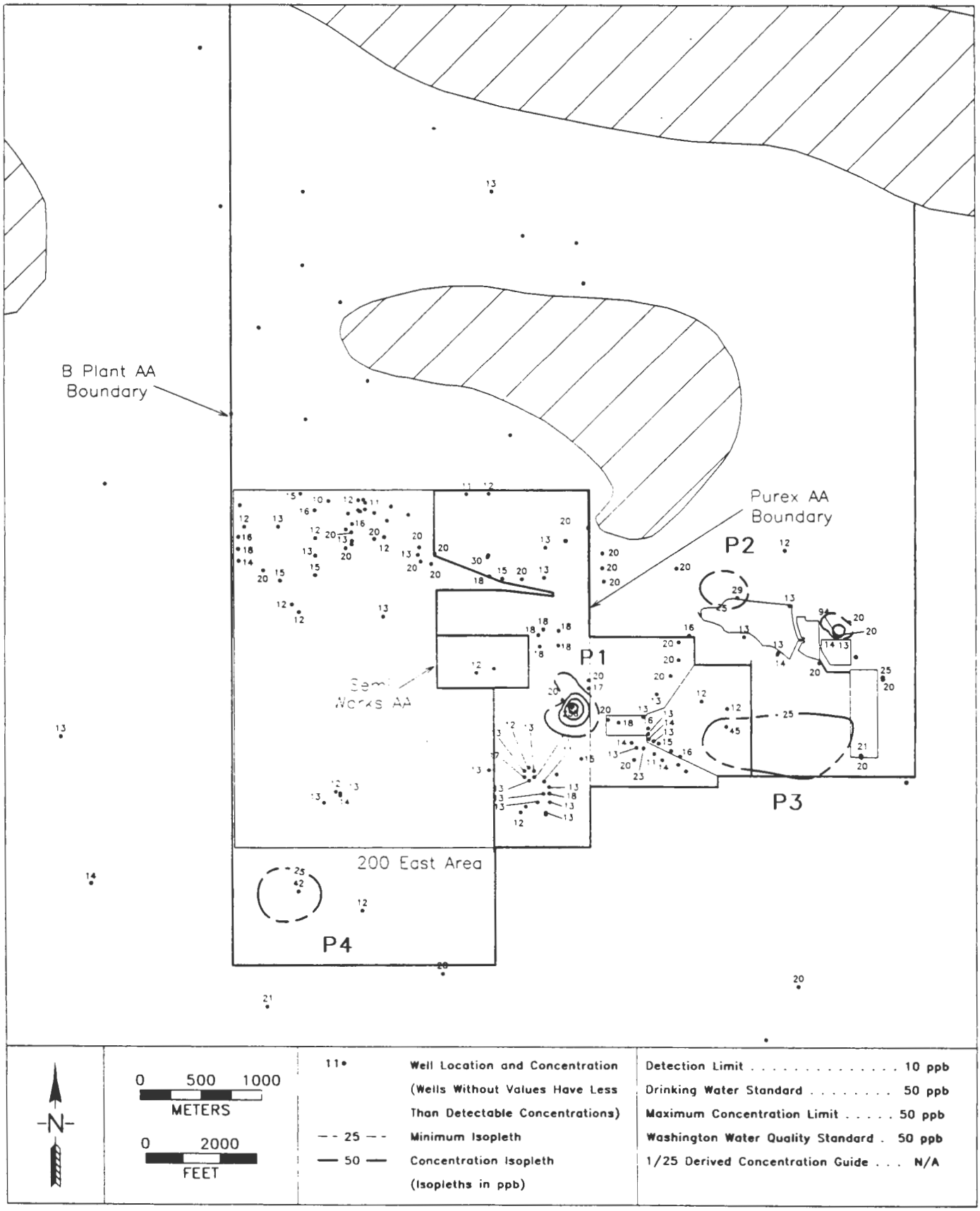


Figure 2-5. 200 East Area Cyanide Map.

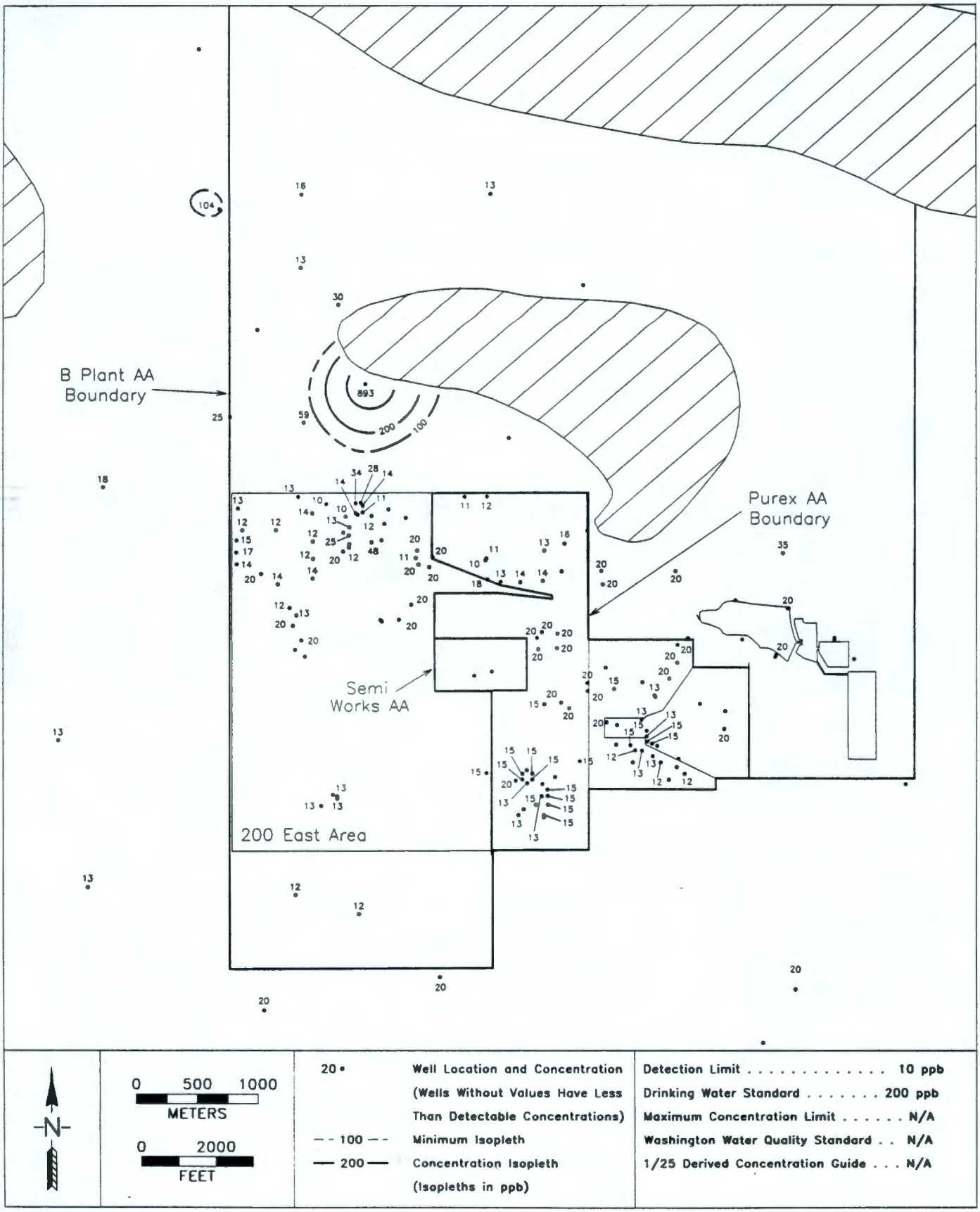
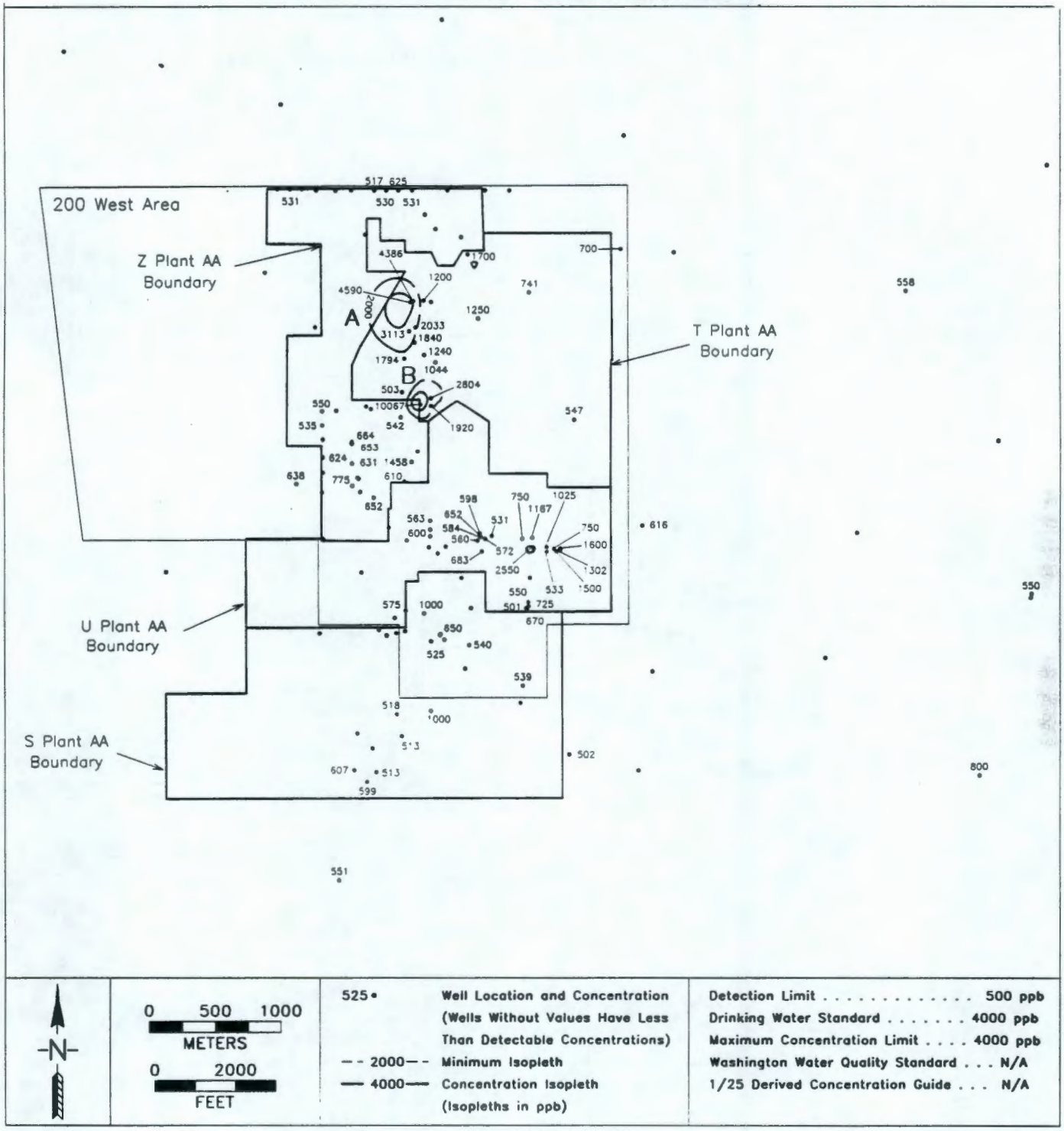


Figure 2-6. 200 West Area Fluoride Map.



contamination (>2000 ppb) occurs only in the immediate vicinity of the plumes that exceed the standards.

2.2.2.3 Nitrate. Nitrate contamination (>45 ppm) is widespread in the 200 West Area with numerous smaller plumes in and north of the 200 East Area. (Figures 2-7 and 2-8). The contamination from the 200 West Area has been transported far beyond the eastern boundary of the area, and potential contamination may have intercepted the western border of 200 East. No wells have been installed in this area to assess the potential contamination (area shown as "Data Gap" in Figure 2-8). The same problem exists in the interpretation of the extent of tritium contamination (Section 2.2.4).

The highest average concentrations for nitrate in the 200 West Area are in Well 2-W19-19 (1322 ppm). The well monitors the 216-U-17 Crib, an active facility; however, the contamination predates the initial use of the crib (WHC 1993). The contamination appears to be related to an upgradient source, either the 216-U-1 and 216-U-2 Cribs or leakage from an effluent transfer line that runs to the 216-U-8 and 216-U-12 Cribs (inactive since 1988). The high nitrate values in the vicinity of this well coincide with elevated uranium and technetium-99.

In the 200 East Area, the highest average concentration occurs in Well 6-50-53A (Plume A). The source of the contamination is presented in the cyanide discussion (Section 2.2.2.1). A relatively diffuse plume of contamination (B) is present to the southwest of Plume A. The highest average value in Plume B is in Well 2-E28-12 (138 ppm). The well monitors an active crib, 216-B-55, which receives steam condensate from 221-B. Plumes C and E are centered on wells monitoring facilities that have at some time received effluent from the Plutonium-Uranium Extraction Facility (PUREX) or the 242-A Evaporator. The maximum average contamination in Plume C is 194 ppm in a well that monitors the 216-A-10 Crib (inactive since 1987). The highest contamination level in plume E is 148 ppm in a well that monitors the 216-A-37-1 Crib (inactive since 1991). Plume D is a two-well plume that is centered beneath the 241-A Tank Farm. The highest concentrations occur in Well 2-E25-13 and average 142 ppm. This may actually be an artificially low value. Seven samplings are reported in the database for the well since 1988. The most recent value (taken in June 1991) is one-tenth the concentration of the sample taken fifteen months earlier (0.3 ppm versus 370 ppm) and is suspect. The concentrations had been increasing prior to the June 1991 sampling. A two-well plume (Plume F) is defined just north of the basalt subcrop (hachured area northeast of 200 East Area) in the vicinity of the decommissioned Gable Mountain Pond. The contaminant levels are just barely above the DWS.

2.2.3 Volatile Organics

2.2.3.1 Carbon Tetrachloride. The contaminant plume shown in Figure 2-9 is based on contaminant mapping reported in the *Expedited Response Action Proposal (EE/CA & EA) for 200 West Area Carbon Tetrachloride Plume* (DOE 1991b). The data are from groundwater sampling conducted from January 1988 through October 1991. The most stringent limit for this constituent is 0.3 ppb (WWQS), which is well below the 5 ppb detection limit. The minimum contaminant isopleth illustrated in the figure is 10 ppb. Highest average concentrations occur in Wells 2-W15-16 (6559 ppb), 2-W10-4 (2663 ppb),

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Figure 2-7. 200 West Area Nitrate Map.

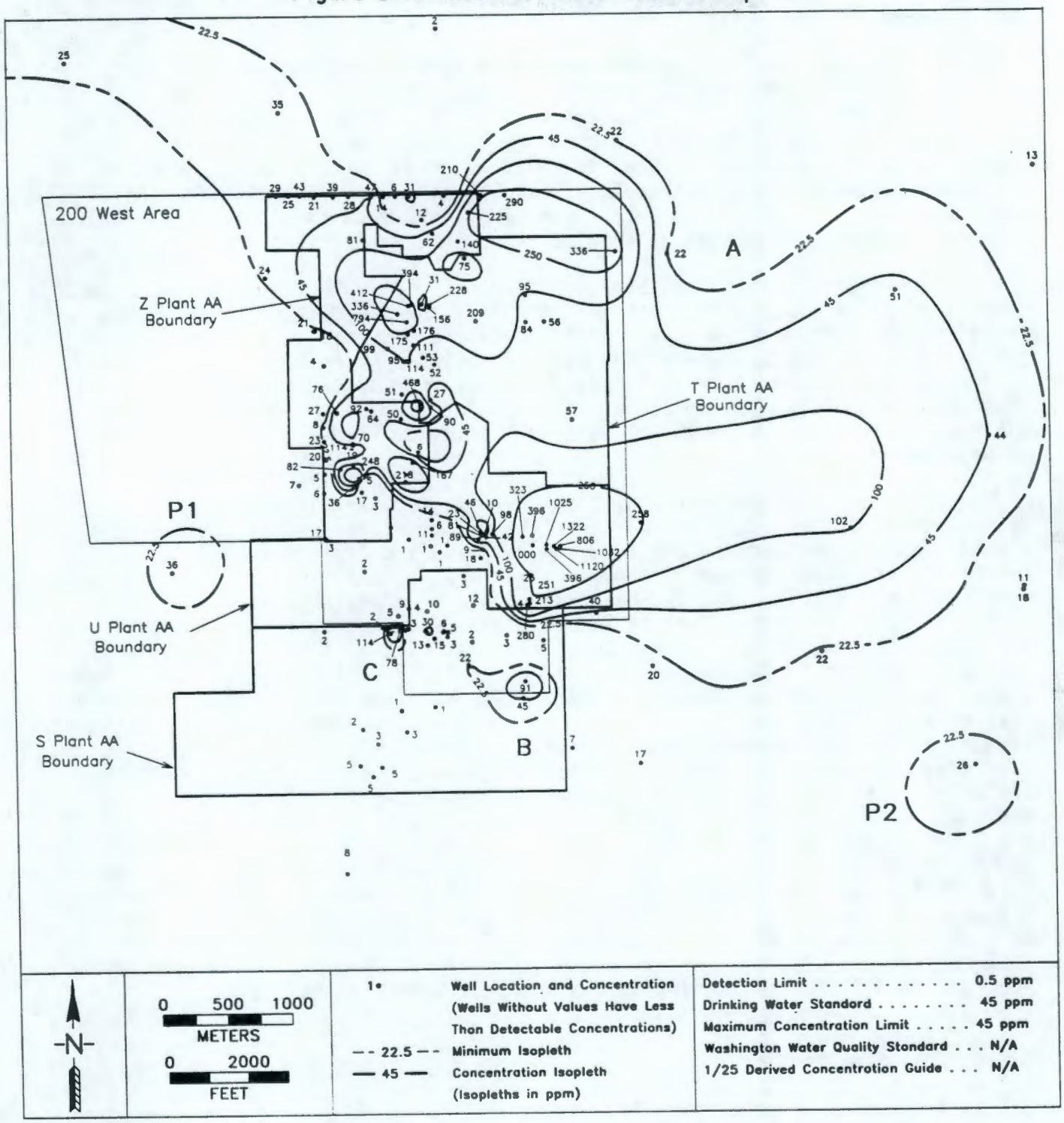


Figure 2-8. 200 East Area Nitrate Map.

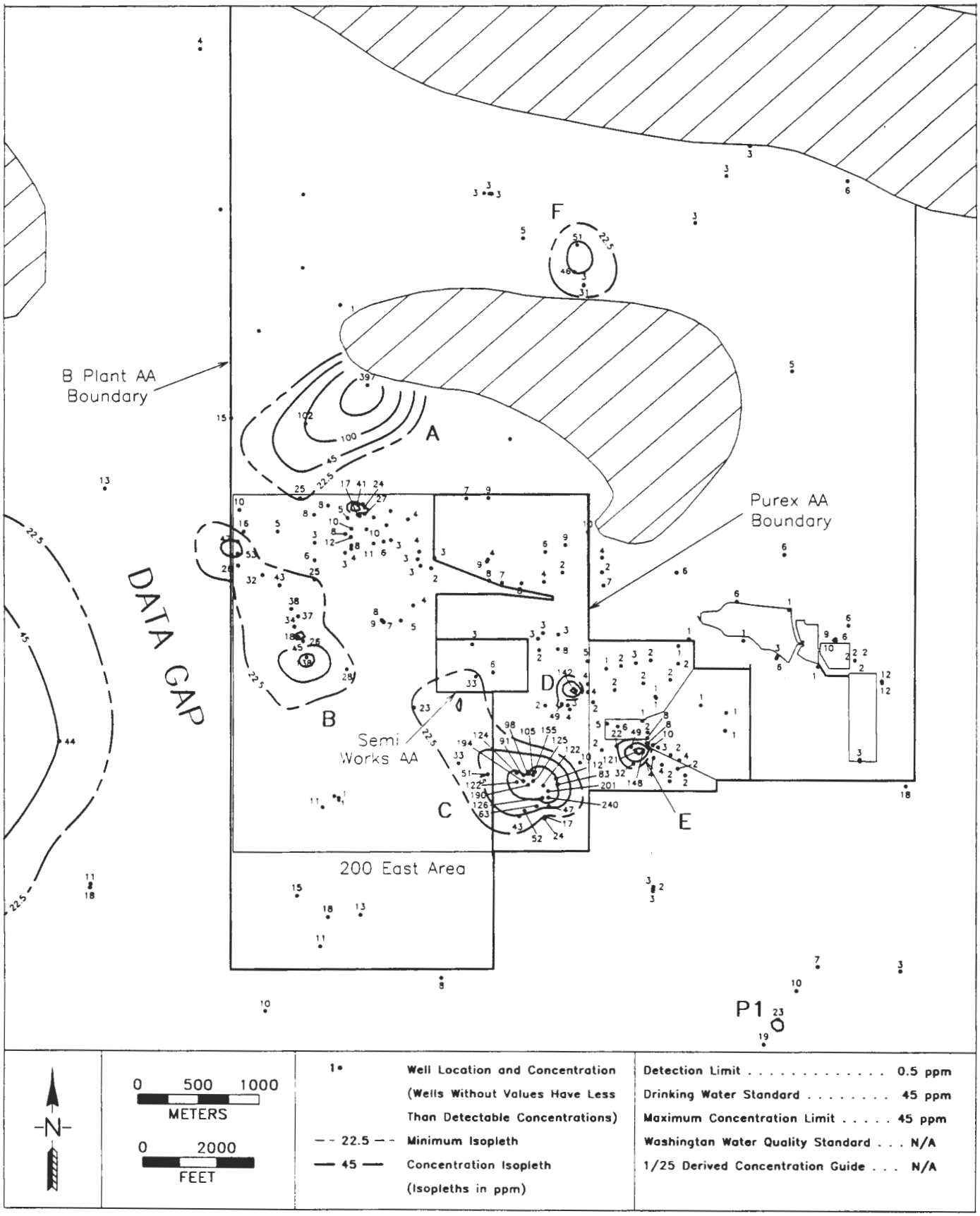
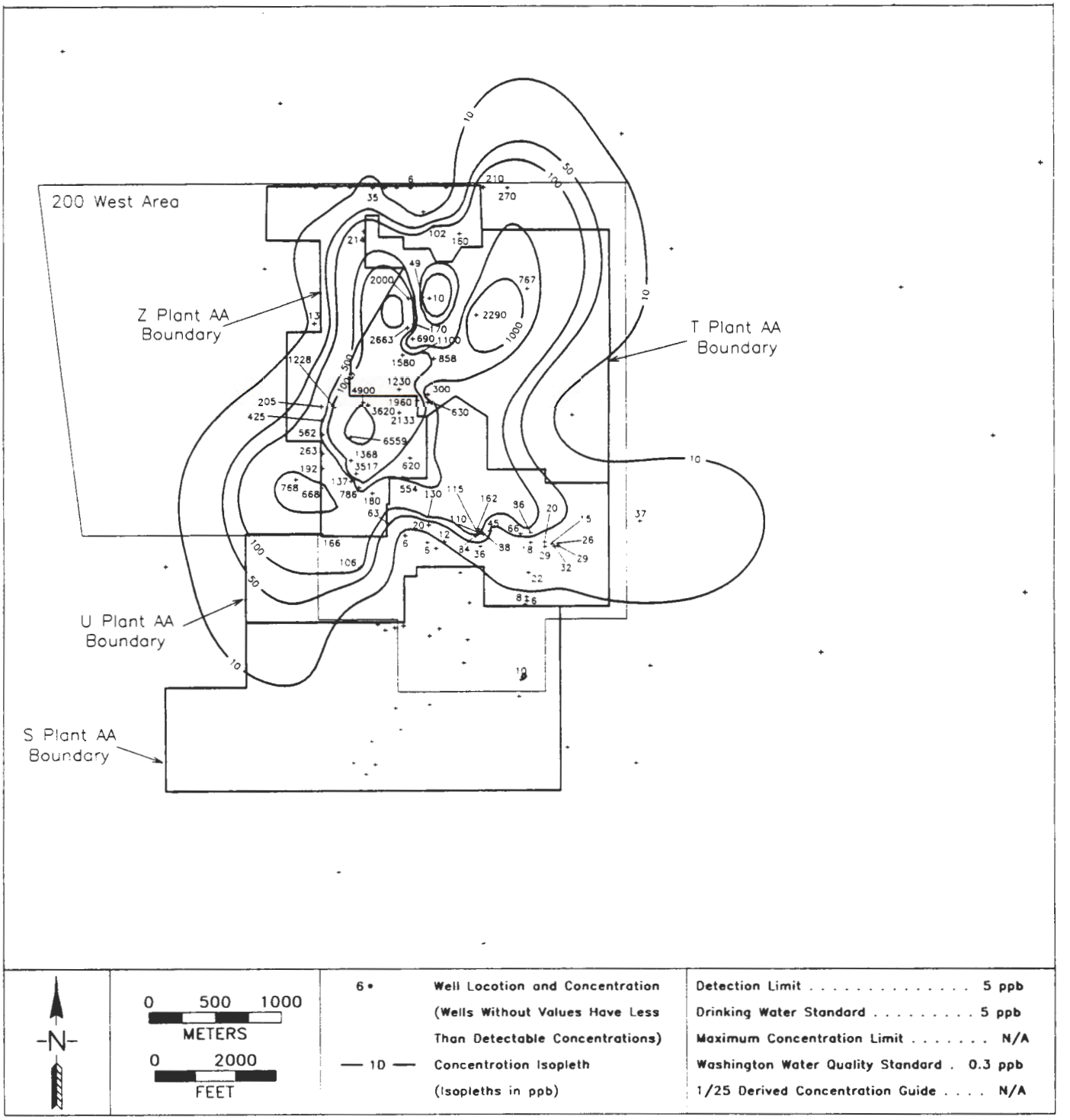


Figure 2-9. 200 West Area Carbon Tetrachloride Map.



and 2-W11-17 (2290 ppb). Discussion of potential source facilities for the carbon tetrachloride contamination is contained in DOE 1991b.

2.2.3.2 Chloroform. Figure 2-10 illustrates the potential extent of chloroform contamination beneath the 200 West Area. Two plumes (A and B) of contamination in excess of the WWQS standard of 7 ppb are defined. The larger of the two (Plume A) occurs in the same approximate area as the carbon tetrachloride plume (see Figure 2-9). The maximum average value in plume A is 1595 ppb (Well 2-W15-8). A small plume (Plume B) of contamination occurs in the southeast corner of the 200 West Area. No isopleth of potential contamination has been determined because the WWQS standard is so close to the detection limit (5 ppb).

2.2.3.3 Trichloroethylene. Trichloroethylene (TCE) plumes in the 200 West Area are presented in Figure 2-11. The detection limit for TCE (5 ppb) exceeds the WWQS standard of 3 ppb but is equal to the DWS. The contaminant plumes have been contoured at 6 ppb. Plumes A, B, C, and P1 are in similar locations and configurations as chloroform and carbon tetrachloride. The maximum average concentration occurs in Well 2-W22-20 (32 ppb, Plume C). The well is downgradient of the 216-S-20 Crib, which last received waste in 1973, and the 207-SL Retention Basin, which is currently active.

2.2.4 Tritium

Tritium is discussed separately from the other beta-emitting radionuclides because (1) it is an extremely weak beta emitter and (2) it is the most mobile of the radionuclides (because of its unique chemistry) and is therefore an excellent contaminant tracer. Tritium contamination (DWS of 20 nanoCuries/Liter [nanoCi/L]) extends beneath large portions of the 200 AAMS study area (Figures 2-12 and 2-13).

Plume A in Figure 2-12 is a potentially continuous plume of contamination that originates in the southwest corner of the 200 West Area, extends eastward toward 200 East (visible in the southwestern corner of Figure 2-13), and may intercept Plume A in the 200 East Area. Because of the lack of well control to define the relationship of the plumes, a "Data Gap" is indicated on Figure 2-13. The maximum average tritium concentration in Plume A is in Well 2-W22-9 (6193 nanoCi/L). The well is downgradient of numerous cribs associated with S Plant. Plume B in 200 West is beneath the 216-S-25 Crib and downgradient of the decommissioned U Pond. This is an area with multiple contaminants (uranium, technetium-99, and arsenic). The distribution of Plume C is similar to the volatile organic plume geometries.

Tritium contamination extends diagonally from northwest to southeast beneath the 200 East Area (Plume A, Figure 2-13). The primary source of the contamination is believed to be the disposal facilities associated with PUREX. A discussion of the potential for B Pond to be a hydraulic driver influencing contaminant distribution is presented in the Westinghouse Hanford Company (WHC) Operational Report for 1990-1992 (Johnson 1993). The highest average concentrations in the plume are found in Well 2-E17-9 (southeast corner, 4126 nanoCi/L, 216-A-36 Crib, inactive since 1987) and 2-E25-19 (southeast corner, 2369 nanoCi/L, 216-A-37-1 Crib, inactive since 1991). Contamination in Plume B is associated with wells monitoring B Pond (active). Concentrations are an

Figure 2-10. 200 West Area Chloroform Map.

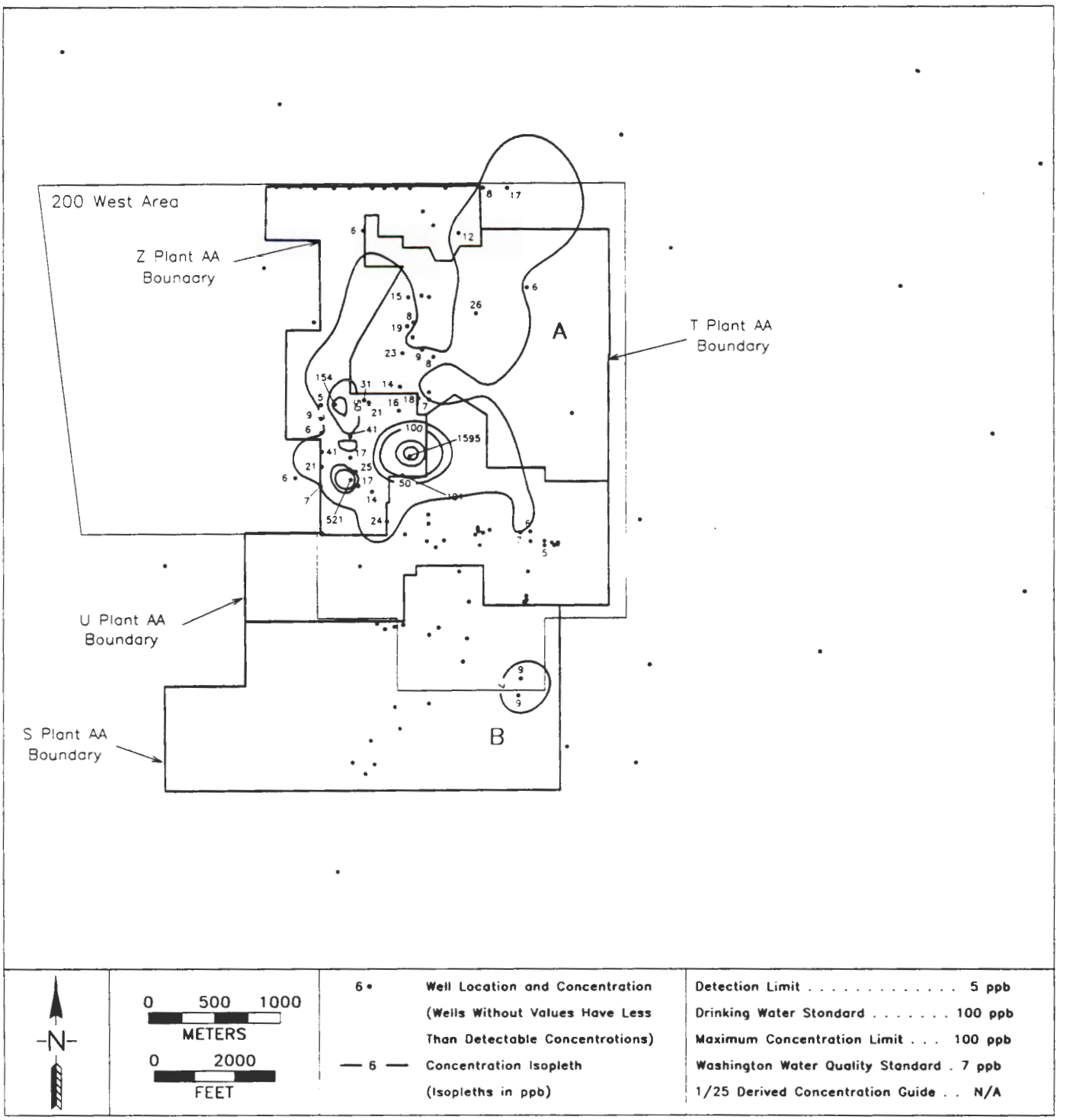


Figure 2-11. 200 West Area Trichlorethylene Map.

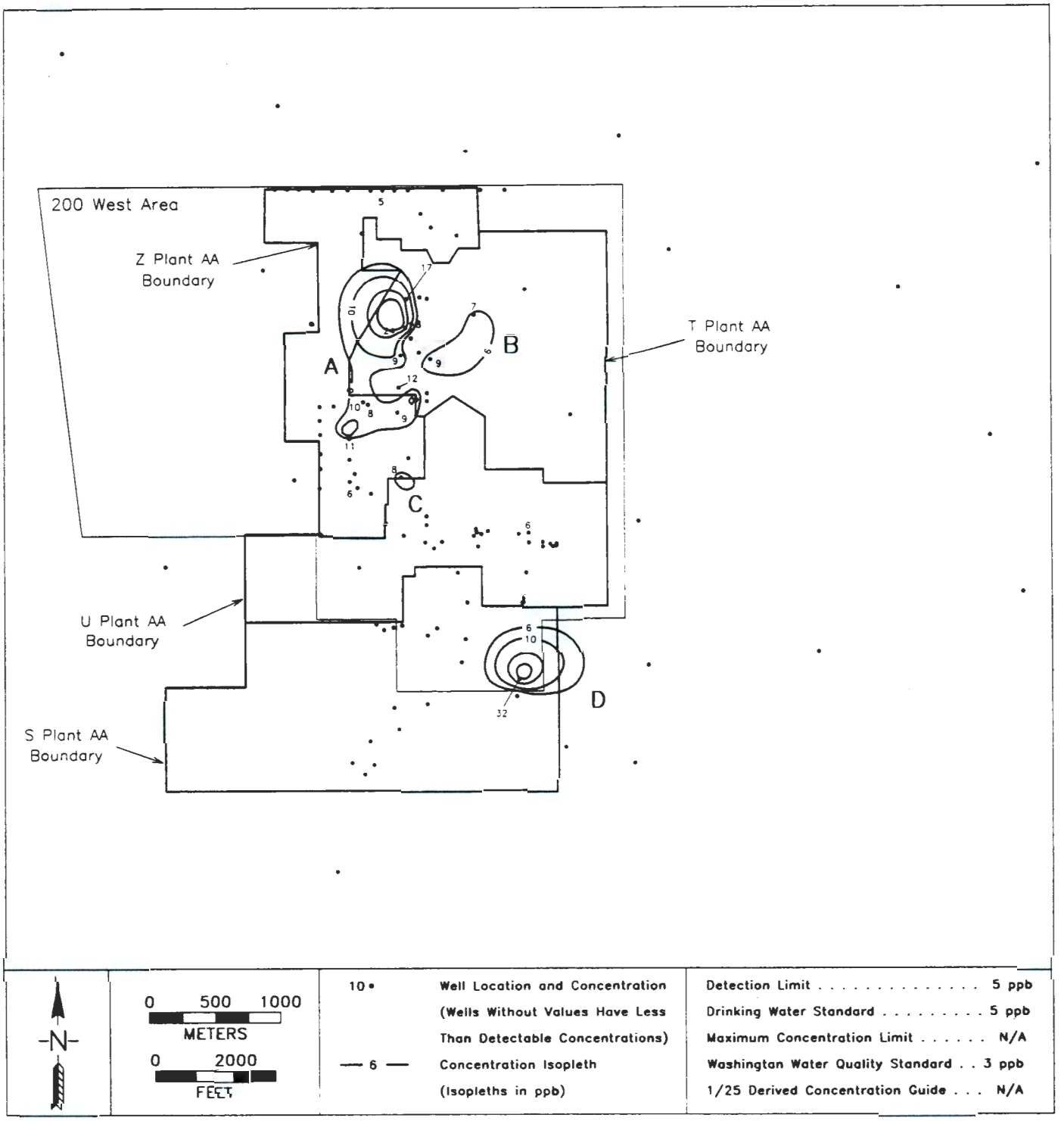


Figure 2-12. 200 West Area Tritium Map.

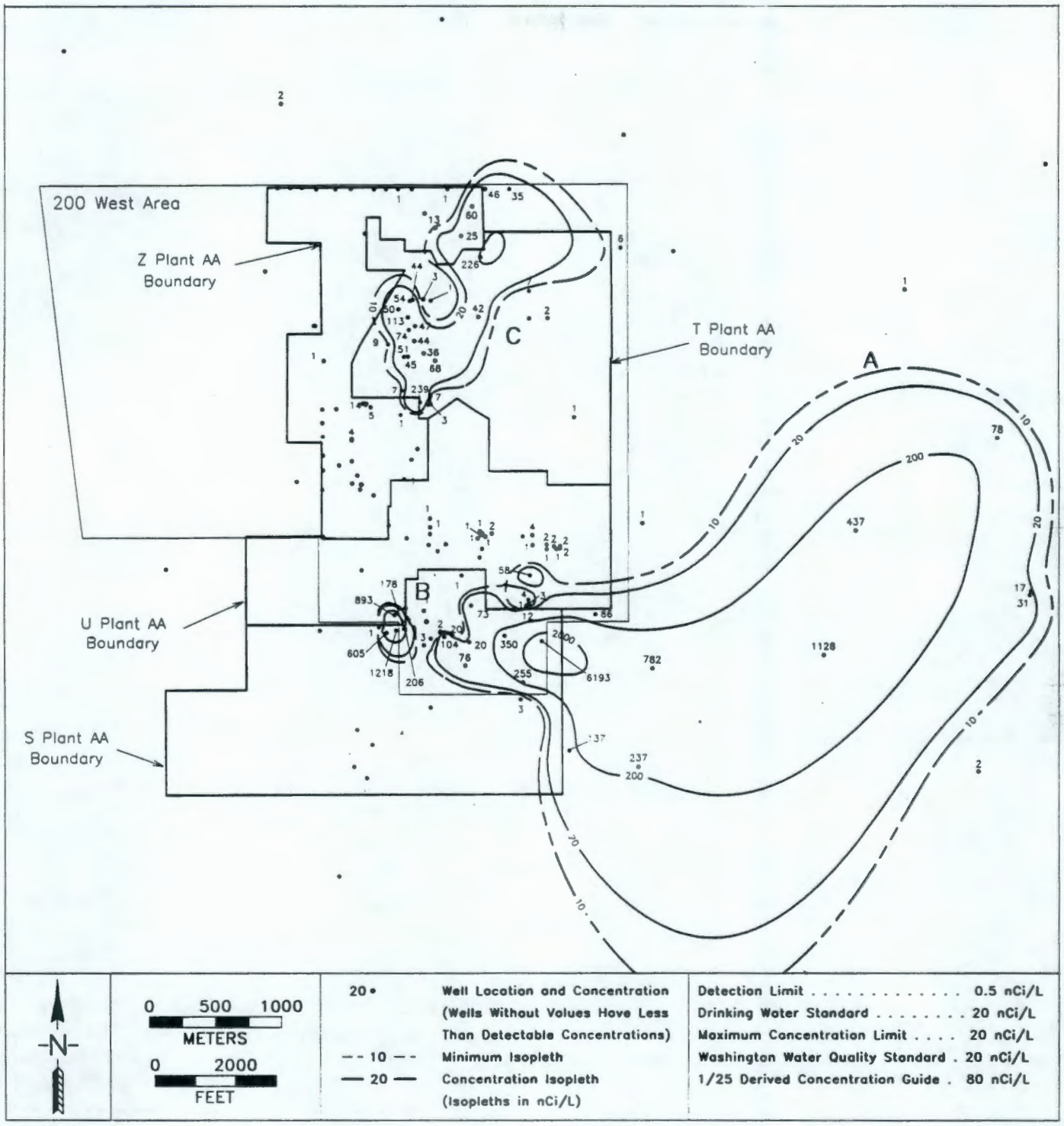
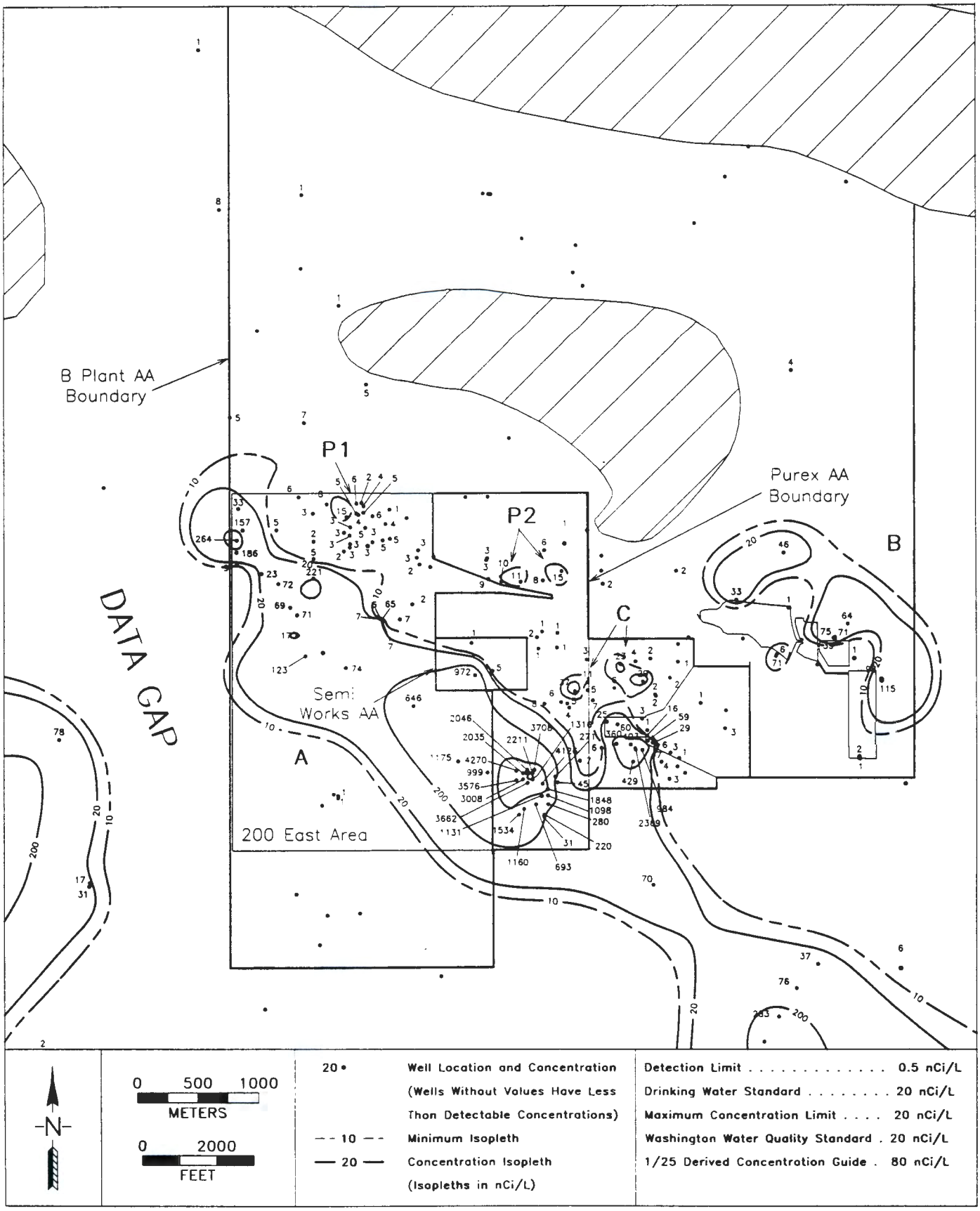


Figure 2-13. 200 East Area Tritium Map.



order of magnitude lower in these wells than detected in Plume A. Well 6-42-39B has the highest average concentration (115 nanoCi/L). Plume C is a non-continuous set of wells to the north of plume A. Two plumes of potential contamination (P1 and P2) are also identified.

2.2.5 Beta-emitting radionuclides

The general distribution of beta-emitting radionuclides is presented in Figures 2-14 and 2-15. There is a DWS and WWQS equivalent standard of 50 pCi/L for gross beta.

Three plumes of contamination (A, B, and C) beneath 200 West are shown in Figure 2-14. All three plumes roughly coincide with areas with elevated technetium-99 (see Figure 2-18). Iodine-129 is a minor contributor to the gross beta results in and around 200 West. The highest average concentrations occur in Plume A: 3078 pCi/L in Well 2-W19-18 and 3272 pCi/L in Well 2-W19-25. The source of contamination appears to be the U1 and U2 Cribs and possibly a transfer line to the U-8 and U-12 Cribs. Plume B has two centers of elevated concentrations. One is beneath the 241-TY Tank Farm and the other is adjacent to the 216-T-33 Crib. Contamination in Plume C is centered beneath the 241-SX Tank Farm. Two potential plumes of contamination are also identified in the figure (P1 and P2).

The largest of the plumes in the 200 East Area extends north from 200 East (Plume A). At least two contaminant sources contributed to the beta contamination, the BY cribs and Gable Mountain Pond. The highest average concentration in the plume occurs in Well 6-50-53A (3068 pCi/L). This well is the locus for other elevated contaminant concentrations (nitrate and cyanide). Technetium-99, cobalt-60, and strontium-90 are the primary beta emitters contributing to the plume distribution. Plume B is associated with contamination in the vicinity of the B-5 Reverse Well (strontium-90 and cesium-137). The highest average gross beta concentration of all the 200 AAMs wells occurs in this plume in Well 2-E28-23 (11,229 pCi/L) and the concentrations have been increasing in the past four years. Plume C is present beneath PUREX-related disposal facilities. Technetium-99 is the primary contributor to beta contamination. A potential contaminant plume (P1) associated with the BC cribs is identified as well as another plume (P2) is in the vicinity of the 241-C Tank Farm and the 216-C-8 Crib.

2.2.5.1 Cobalt-60. Cobalt-60 contamination greater than the DWS of 100 pCi/L occurs in the only one well (6-50-53A). The plume of contamination is illustrated in Figure 2-16. The contaminant plume coincides exactly with the cyanide contamination shown in Figure 2-5. Chemical complexation of cobalt-60 with cyanide or ferrocyanide has been offered as an explanation for the distribution of the cobalt-60, which is generally immobile in the subsurface (Evans et al. 1992). The source of the contamination is reported to be the BY cribs. A potential plume of contamination (P1) is illustrated to the northwest of the main plume.

2.2.5.2 Strontium-90. Strontium-90 contamination (>8 pCi/L) is present in the unconfined aquifer in three locations as illustrated in Figure 2-17. Plume A is centered beneath the decommissioned Gable Mountain Pond. The highest average level of contamination in these wells is 311 pCi/L

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Figure 2-14. 200 West Area Gross Beta Map.

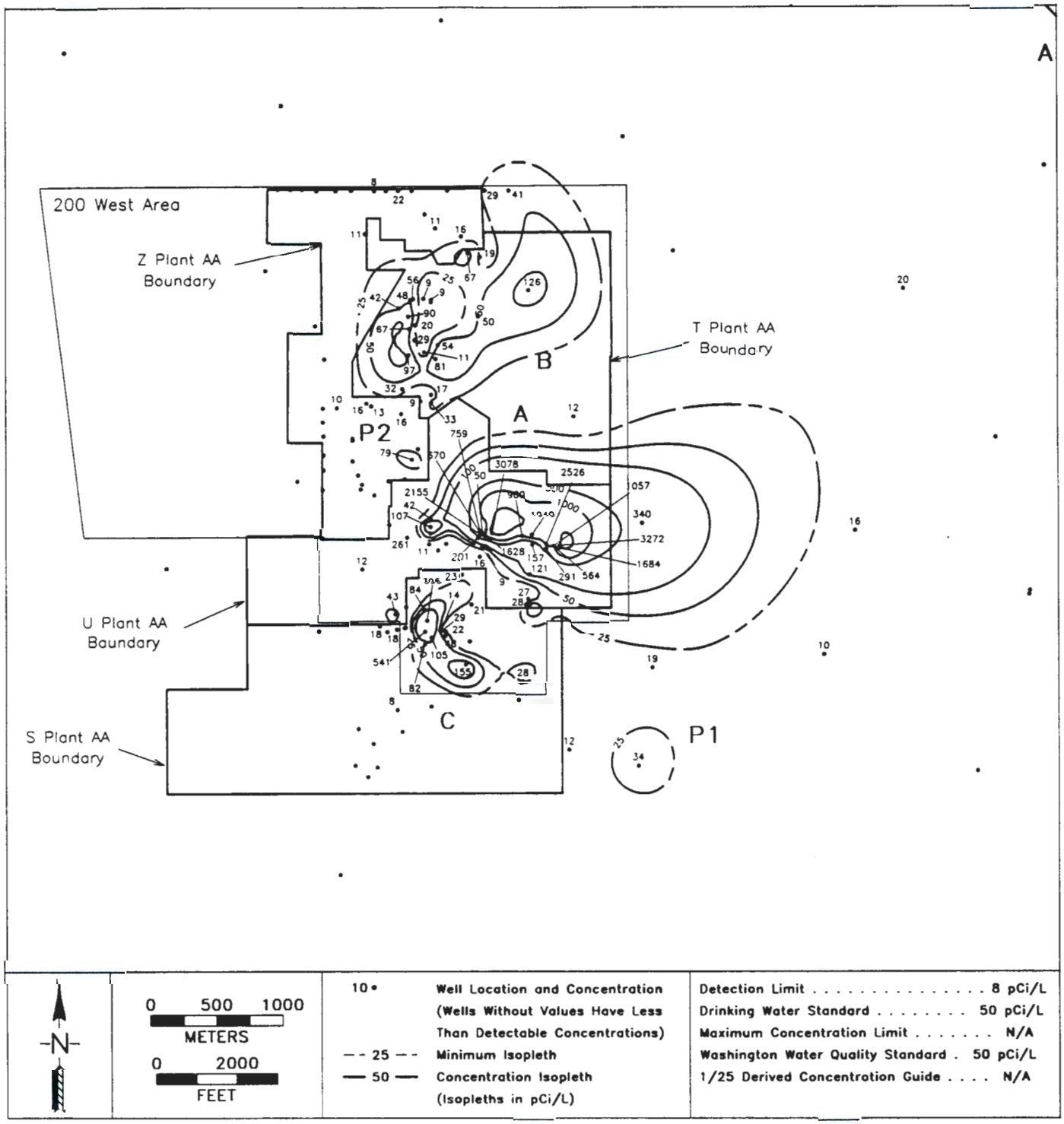


Figure 2-15. 200 East Area Gross Beta Map.

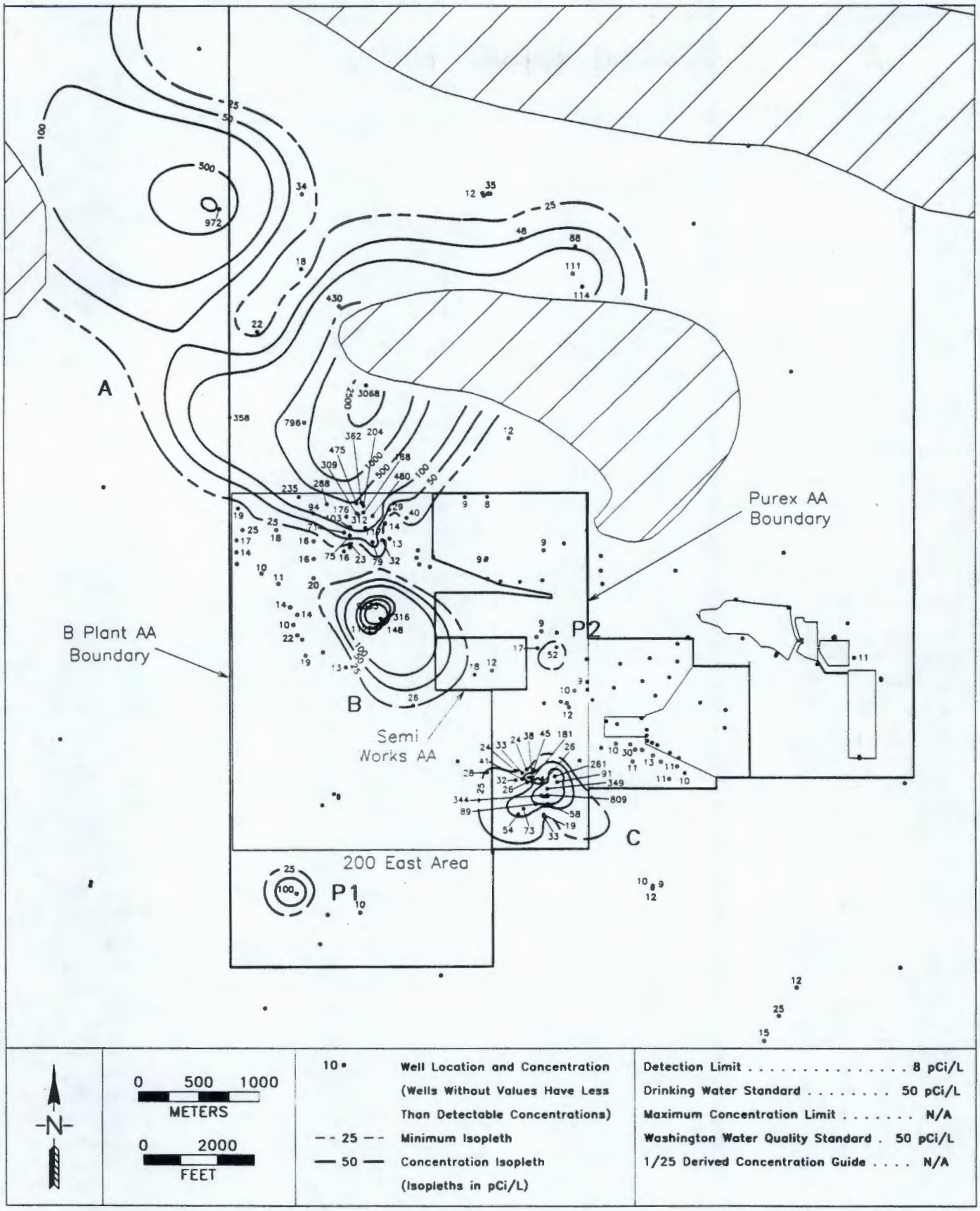


Figure 2-16. 200 East Area Cobalt-60 Map.

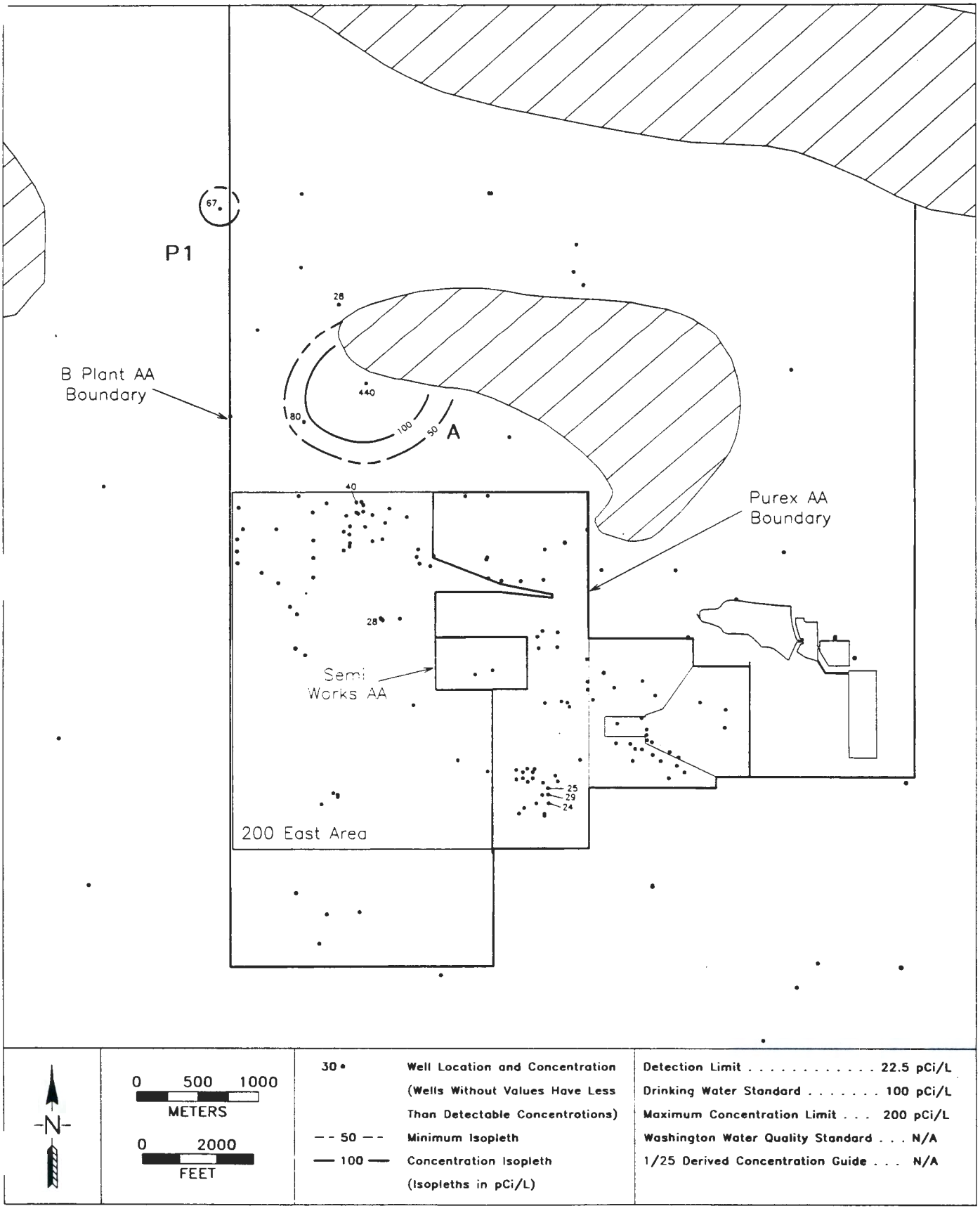
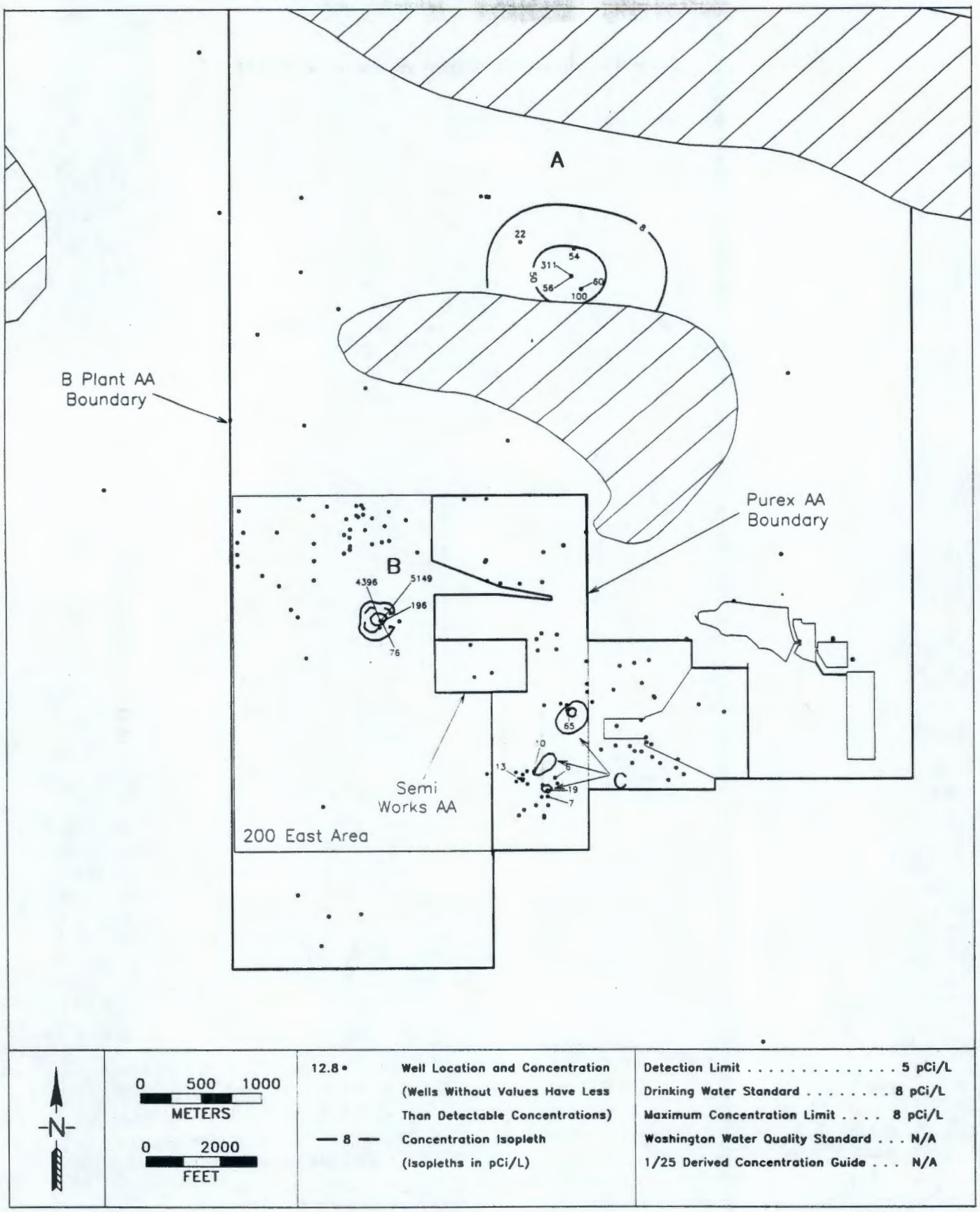


Figure 2-17. 200 East Area Strontium-90 Map.



(Well 6-53-48B). Plume B is located beneath the B5 Reverse Well and is the plume containing the highest average concentration (5148 pCi/L in Well 2-E28-25). The third plume, Plume C, is a diffuse plume of contamination centered beneath PUREX disposal facilities. No isopleth less than 8 has been determined for this contaminant because the DWS (8 pCi/L) is so close to the minimum detectable concentration (5 pCi/L).

2.2.5.3 Technetium-99. The DWS for technetium-99 is significantly higher than the minimum detectable concentration (900 pCi/L versus 15 pCi/L). Two plumes of technetium-99 with contamination greater than 900 pCi/L are delineated in Figure 2-18 for the 200 West Area. Plume A emanates from beneath facilities in the southeast corner of 200 West and has been transported beyond the eastern boundary of 200 West. Maximum average concentrations in excess of 25,000 pCi/L have been detected at the center of the plume (Well 2-W19-24). Technetium-99 average concentrations greater than 2000 pCi/L have been detected in two wells in the south-central portion of 200 West (Plume B). Three potential plumes are also noted in the figure.

Plume A in Figure 2-19 extends northward from the 200 East Area. The plume originates from beneath the BY crib area along the northern margin of 200 East. The maximum average value for plume A occurs in Well 6-50-53A (22,163 ppb), the same well with the maximum average values for cyanide and cobalt-60. Plume B is centered on Well 6-55-57 (2325 pCi/L). The well also has elevated cobalt-60.

2.2.5.4 Iodine-129. The minimum detectable concentration for iodine-129 is equivalent to the DWS of 1 pCi/L. The minimum isopleth contoured in Figures 2-20 and 2-21 is equal to this value.

Two plumes of contamination are present in the groundwater beneath the 200 West study area. Plume A appears to have originated from various facilities near the southeastern corner of the 200 West Area and been transported eastward beyond the boundary of the area. The highest average concentration for the contaminant occurs in Well 6-35-70 (30 pCi/L), approximately 1800 ft from the 200 West boundary. The only other potential 200 West plume is defined by a slight elevation in concentration (2.2 pCi/L) in a single well (Plume P1). The well also contains elevated uranium (see Section 2.2.6.1).

Nearly the entire central portion of 200 East is underlain by iodine-129 contaminated groundwater (Figure 2-21, Plume A). The highest average concentrations are found in wells in the southeastern corner of the area; the highest found in Well 2-E24-1 (27 pCi/L). The wells monitor PUREX disposal facilities. Plume B is large and very poorly constrained. It vaguely mimics the tritium contaminant plume, which extends southeasterly from the 200 AAMS area and out of the mapped area. The highest average value in this plume is 6 pCi/L. The final plume is defined by a single well (Plume C).

2.2.5.5 Cesium-137. Located immediately beneath the B5 Reverse Well in 200 East is the sole plume of cesium-137 contamination in the 200 AAMS (Figure 2-22). The maximum average concentration is 1326 pCi/L in Well 2-E28-23. Although not a regulatory standard, 1/25th of the Derived Concentration Guideline (1/25 DCG) has been used for determining the extent of contamination. The 1/25 DCG is equal to 120 pCi/L. The next most stringent

Figure 2-18. 200 West Area Technetium-99 Map.

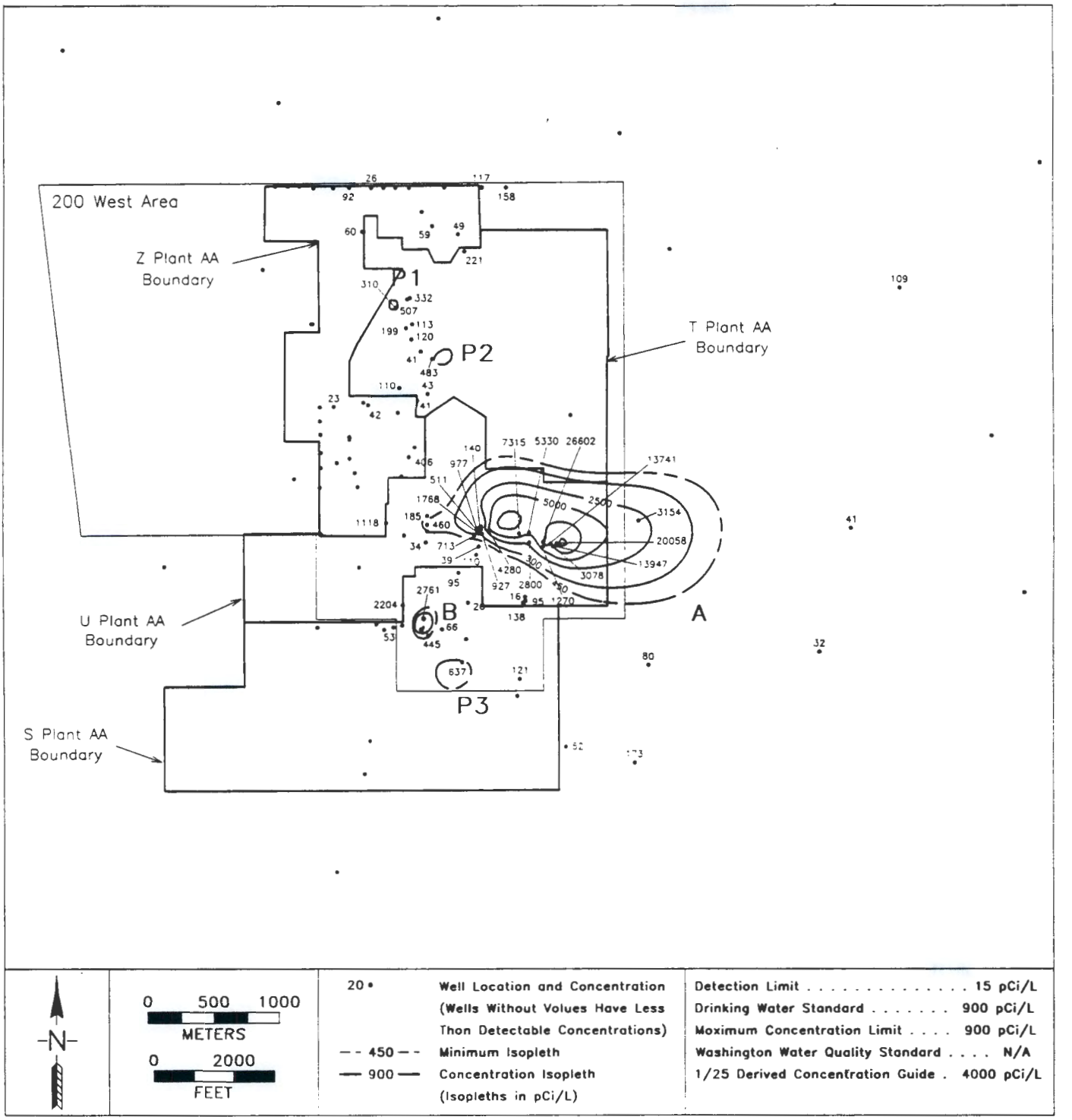


Figure 2-19. 200 East Area Technetium-99 Map.

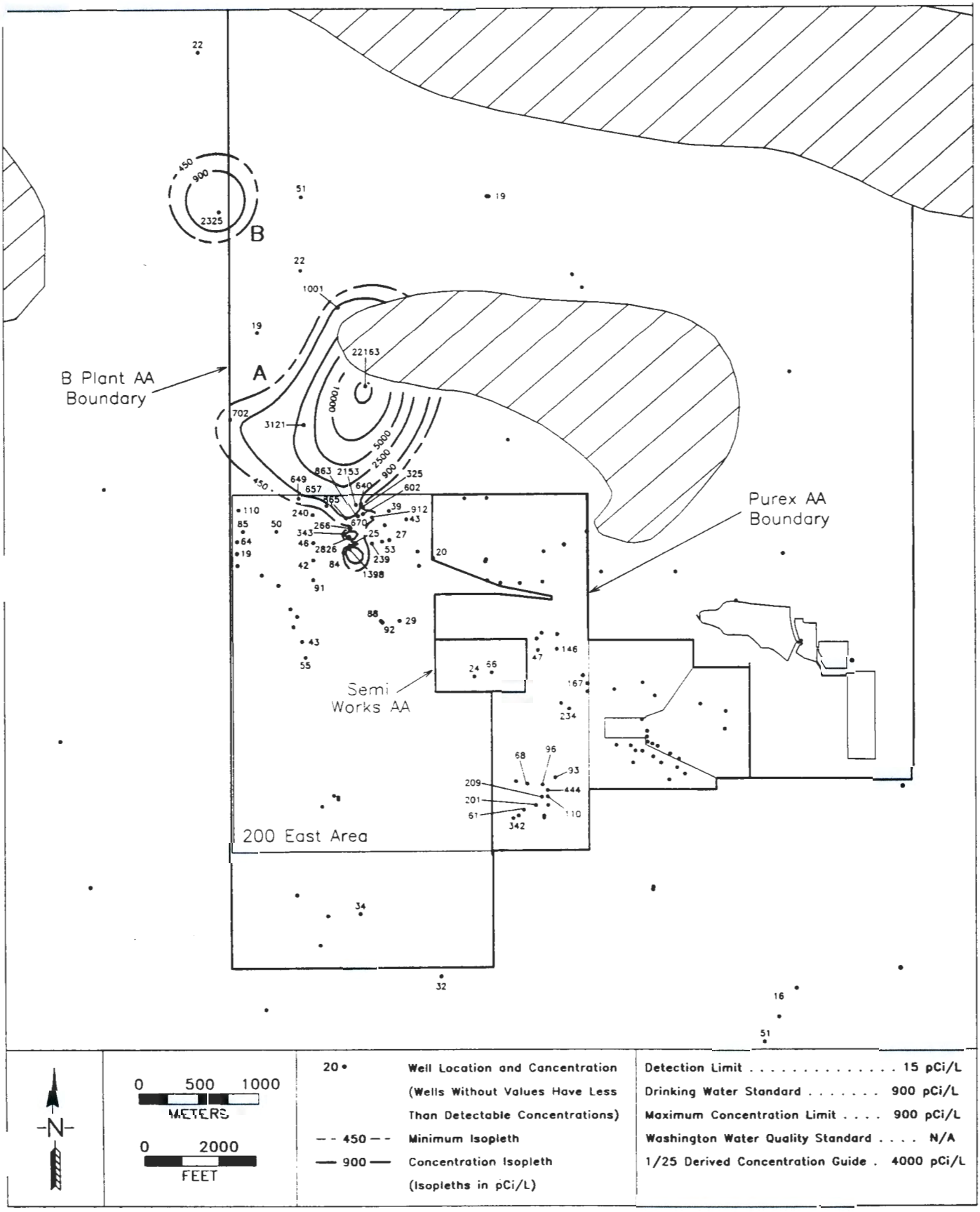


Figure 2-20. 200 West Area Iodine-129 Map.

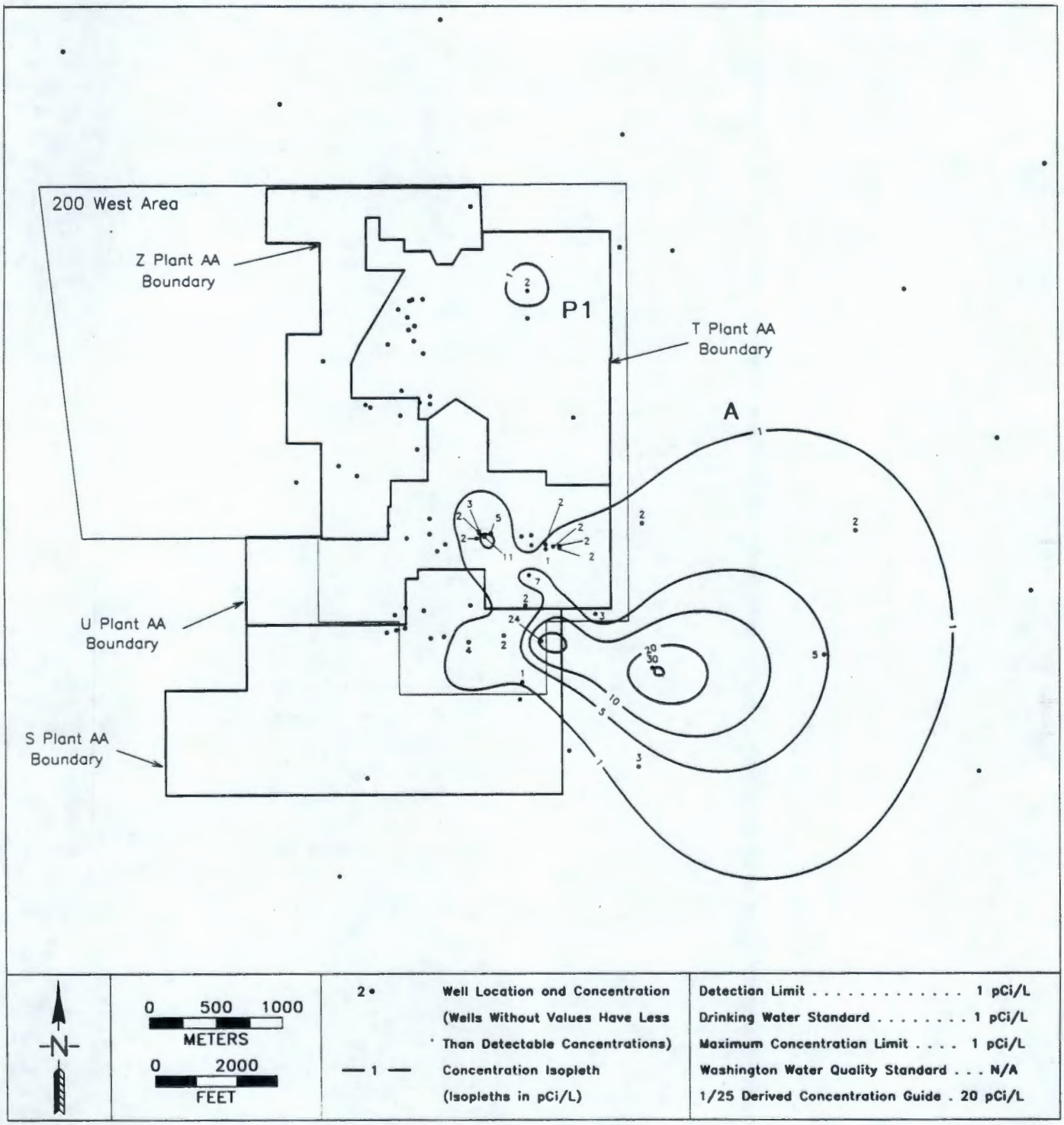


Figure 2-21. 200 East Area Iodine-129 Map.

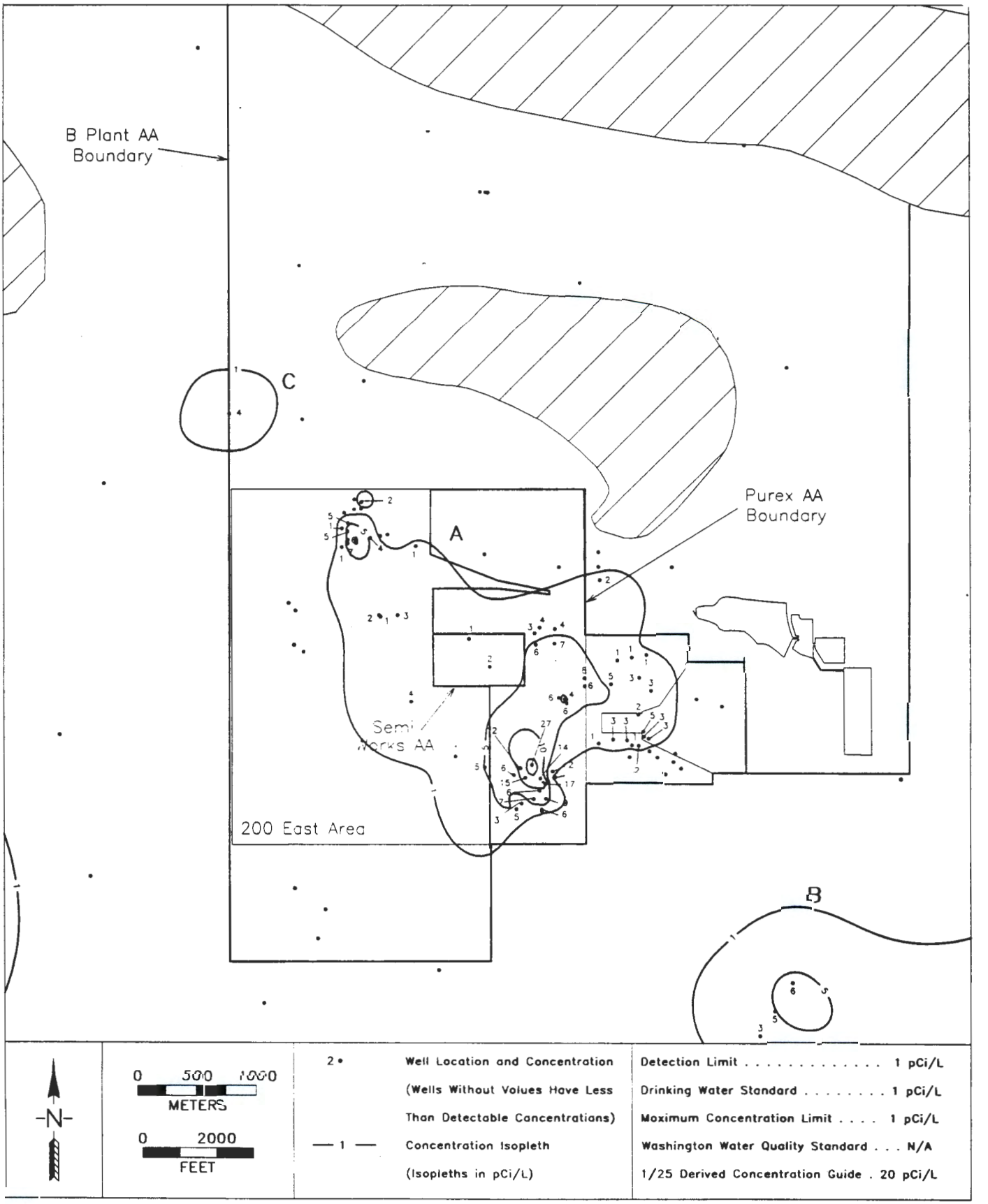
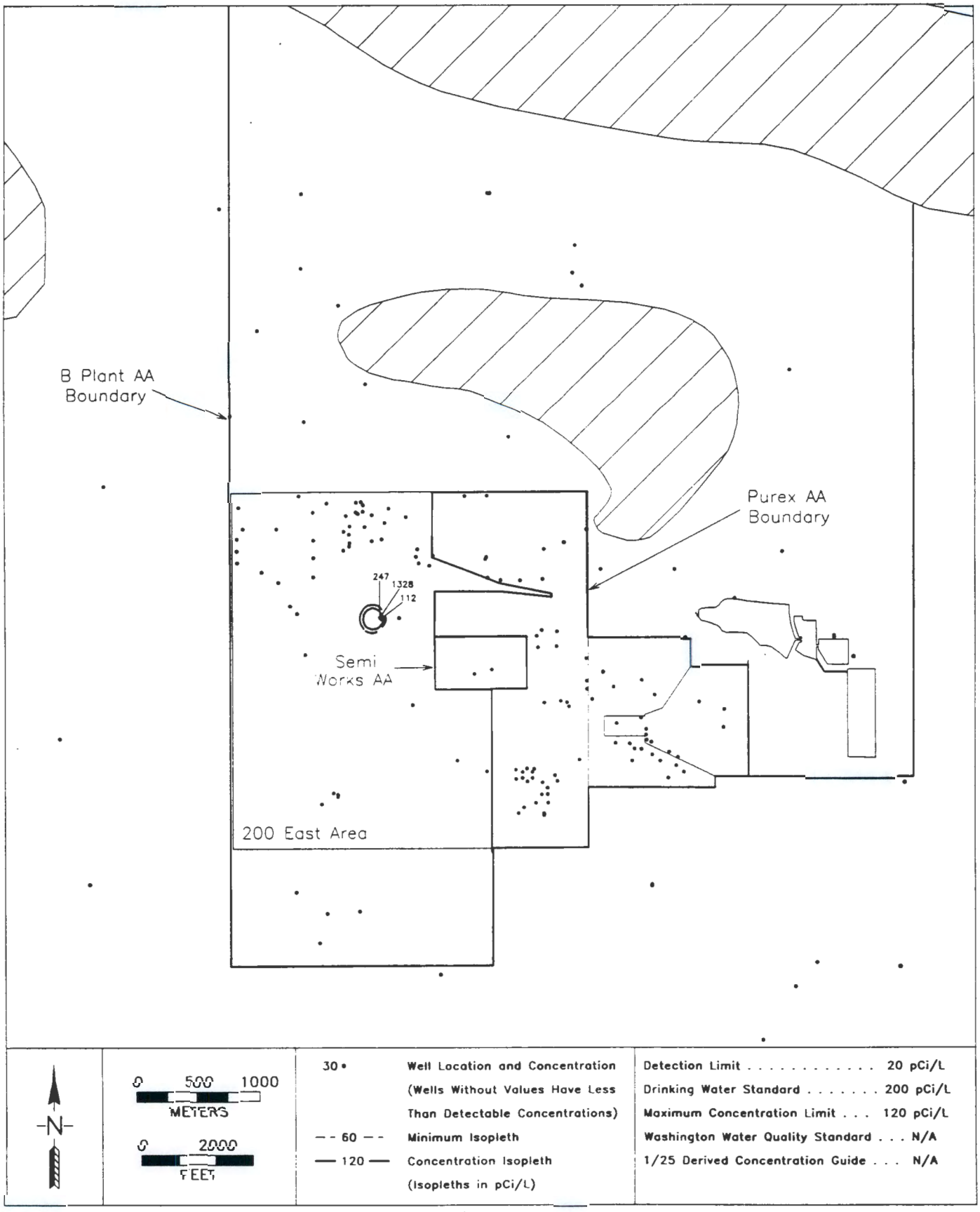


Figure 2-22. 200 East Area Cesium-137 Map.



standard is the DWS, which is equal to 200 pCi/L.

2.2.6 Alpha-emitting radionuclides

Gross alpha contamination in the 200 AAMS area is shown in Figures 2-23 and 2-24. The DWS and WWQS for gross alpha is 15 pCi/L. The two alpha-emitting radionuclides responsible for the contamination are uranium and plutonium.

Three plumes of alpha contamination (A, B, and C) are present in the 200 West area. All four plumes coincide with mapped uranium contamination (Figure 2-25). Plume A is the largest and has migrated beyond the eastern boundary of the area. Maximum average concentrations within the plume exceed 2300 pCi/L. Alpha contamination in Plume A is connected with mobilization of uranium beneath the 216-U-1 and 216-U-2 Cribs and possibly with leakage from an effluent transfer line to the 216-U-8 and 216-U-12 Cribs. Plume C has the next highest average contamination. An average concentration of 240 pCi/L occurs in Well 2-W11-14. Two plumes of potential contamination are also identified in Figure 2-25.

Plumes A and B are identified within the boundaries of 200 East. Elevated uranium is the apparent cause for the alpha contamination in Plume A. The uranium concentrations do not exceed the DWS and are therefore not shown in a separate uranium contamination figure for the 200 East Area. Plutonium contamination beneath the B5 Reverse Well is the alpha-emitting radionuclide responsible for Plume B. A potential plume (P1) is also indicated.

2.2.6.1 Uranium. Three plumes of uranium contamination with detections in excess of the DWS and MCL value of 40 pCi/L have been mapped in groundwaters beneath 200 West (Figure 2-25). The largest of the three plumes, Plume A, has multiple wells along an east-west axis and a few to the south, constraining the contouring in those directions. Control to the north is entirely absent and the plume appears to balloon in that direction. Plume B is a one-well plume in the northeastern corner of the area. The average contamination is fairly high (207 pCi/L) and persistent. Plume C is defined by two wells. It is located directly beneath the decommissioned U Pond.

2.2.6.2 Plutonium-239/240. Plutonium contamination in excess of the DWS of 1 pCi/L has been detected in three wells in the 200 East Area (Figure 2-26). The three wells monitor contamination of groundwater in the vicinity of the B5 Reverse Well. The maximum average value for the three wells is 69 pCi/L.

Figure 2-23. 200 East Area Gross Alpha Map.

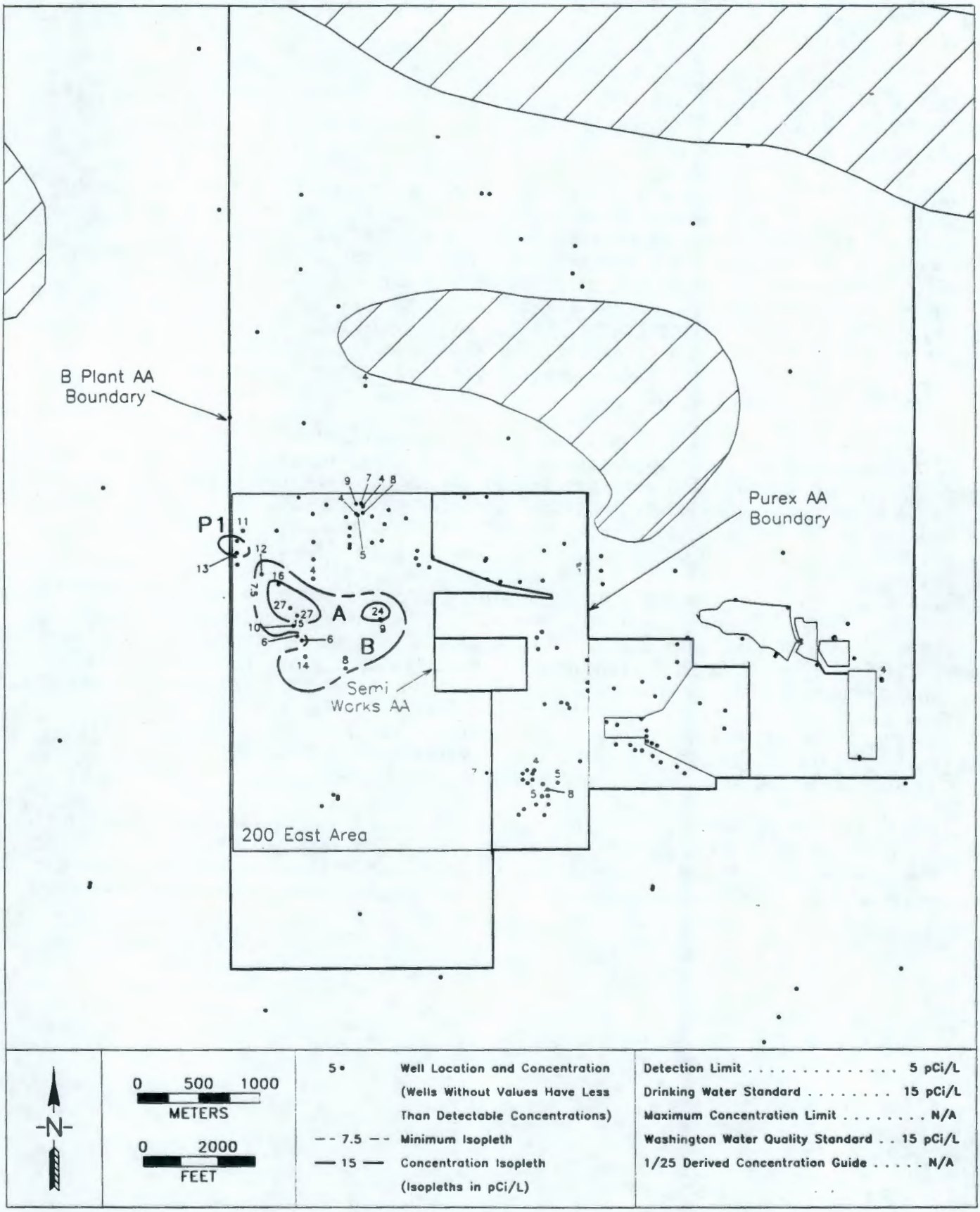


Figure 2-24. 200 West Area Gross Alpha Map.

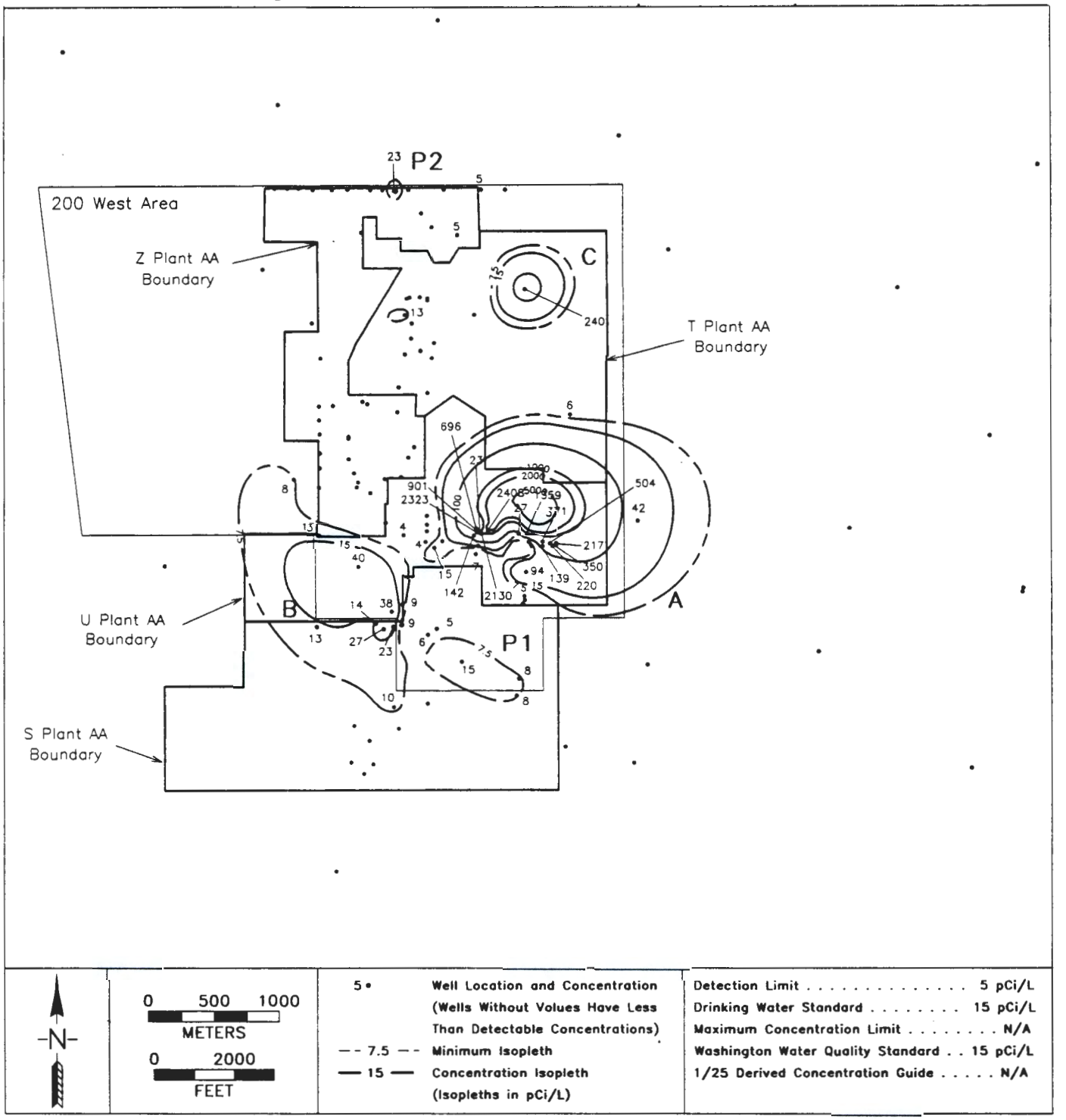


Figure 2-25. 200 West Area Uranium Map.

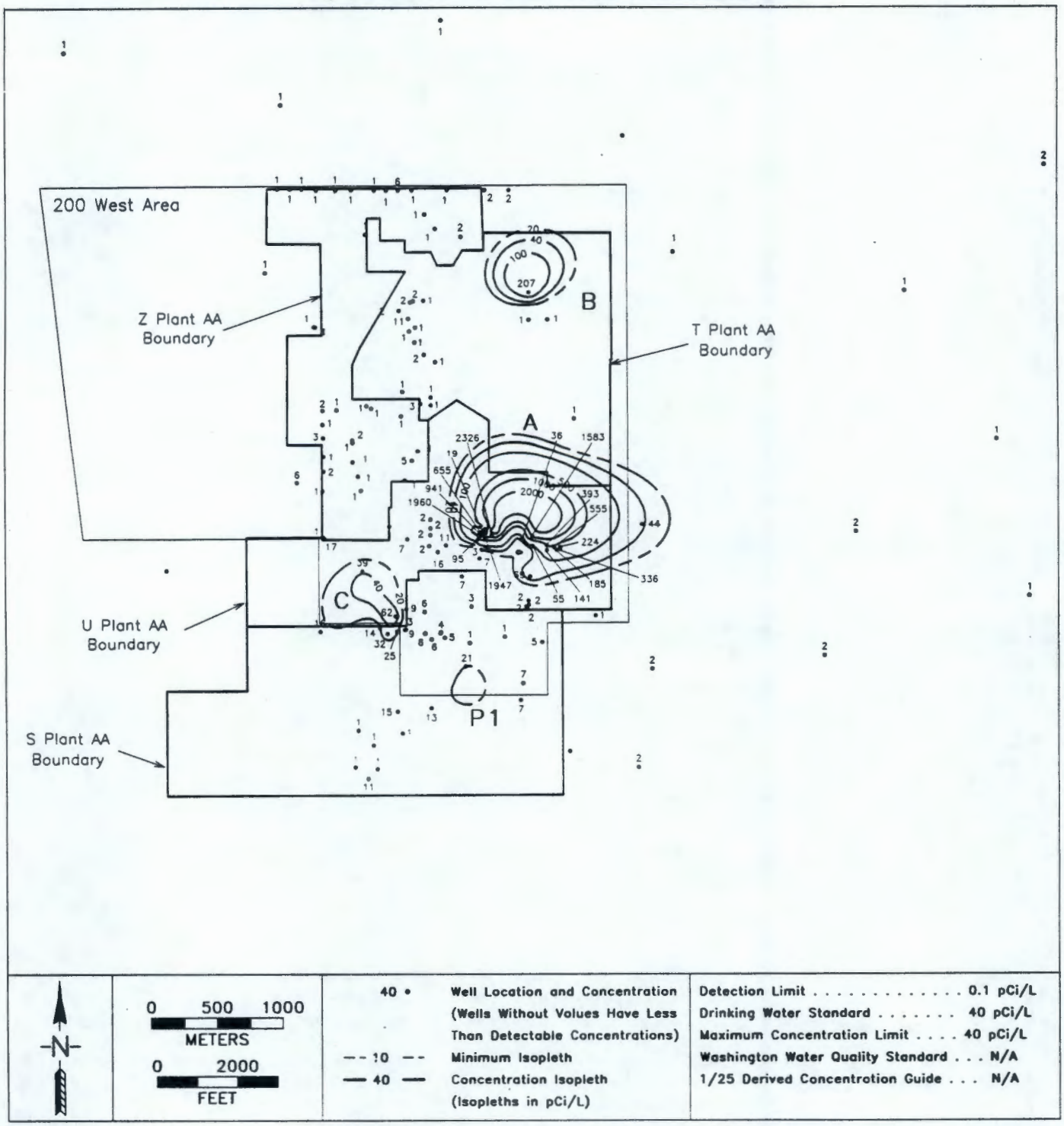
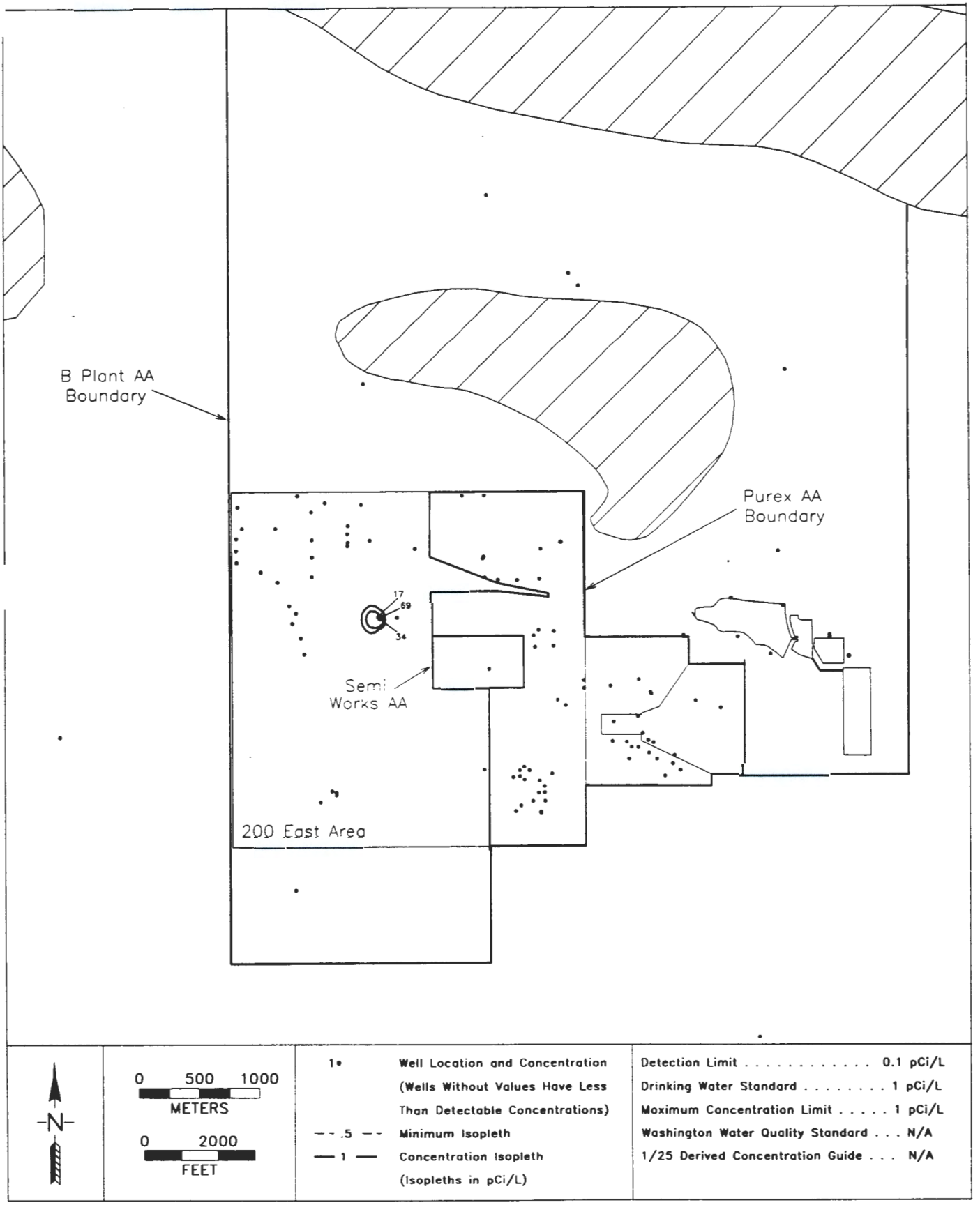


Figure 2-26. 200 East Area Plutonium Map.



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3.0 DISCUSSION AND RECOMMENDATIONS

The plume maps prepared for this report incorporate data that was unavailable or not yet collected at the time that hydrogeologic models were developed for the 200 West (Connelly et al. 1992a) and 200 East (Connelly et al. 1992b) Groundwater Aggregate Areas. Two large contributions to the database have been the data derived from the 200 AAMS groundwater field activity and the 200-BP-1 Operable Unit remedial investigation. The 200 AAMS groundwater field activity alone was responsible for adding full-suite analytical information to the database for an additional 99 wells. 200-BP-1 data have filled in critical data gaps to the north of the 200 East Area, especially in the vicinity of Gable Mountain Gap.

The increase in data quantity has resulted in the modification of previously identified plumes and the addition of previously unidentified areas of contamination (e.g., chromium, chloroform, nitrate). In response to reviewer comments, an isopleth of potential contamination has been added to the figures in addition to contouring the contamination at a minimum isopleth equivalent to the most stringent regulatory standard (where detection limits allowed). The potential contamination isopleth has been made to be equivalent to one-half the most stringent regulatory standard in most cases. This isopleth is of mixed quality from one figure to the next, and its usefulness is primarily dependent on the density of data points. Because of the lack of well information, it should be viewed with a great deal of skepticism with particular attention to areas where the plumes tend to balloon out.

A particular note must be made concerning the uranium plume map (see Figure 2-25). An error in the data retrieval process used in the earlier editions of the plume maps was recognized and rectified for the present version. Many analyses for chemical uranium are available in the database but not incorporated in the earlier maps, which looked only at total uranium in pCi/L. The results for chemical uranium reported on a mass basis (μg/L) have been converted to concentrations on an activity basis (pCi/L) using the methodology recommended by Law (1986). The conversion factor for converting total uranium mass to activity is 0.679. The result of this conversion can be seen in the addition of significantly greater number of wells (123 versus 80) in the 200 West area alone. As a result, Plume A in the figure extends much farther to the east than had previously been shown (see Connelly et. al. 1992a)

The 200 AAMS groundwater sampling field activity has been a one-time effort to sample wells in areas that had not been covered in recent years. Critical data gaps still remain in spite of the increased well coverage. The most critical area is in the 200 West Area. This area can be described in general terms as the northeastern quadrant of 200 West. The paucity of well coverage can best be seen in the uranium figure (2-25), which shows a ballooning of Plume A to the north of the existing data as well as the poorly constrained outline of Plume C. Identical concerns exist in the contouring control available for all the volatile organic compounds (see Figures 2-9, 2-10, and 2-11).

Between 200 West and 200 East there is a lack of well control with which to resolve the issue of whether there has been a coalescence of contaminant

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plumes. This area is shown as a "Data Gap" on nitrate and tritium maps. This issue bears on long-term transport and could be solved with the addition of a minimal number of wells.

Well control in 200 East and the area north to Gable Mountain Gap is reasonably adequate. The largest areas of concern are in the central and southwestern portions of the 200 East Area and to the east of B Pond.

Sampling of 200 AAMS network wells is not routinely supported by other Hanford Site monitoring programs. The baseline that has been established in this and other AAMS reports should be updated at some future date. At a minimum, the contaminants of interest identified in this report should be systematically measured to evaluate plume migration.

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APPENDIX A

200 AAMS FIELD GROUNDWATER SAMPLING AND ANALYSIS PLAN

9413137.0109

200 AREA AGGREGATE AREA MANAGEMENT STUDY

GROUNDWATER FIELD ACTIVITY SAMPLING AND ANALYSIS PLAN

AUTHOR

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1.0 INTRODUCTION

1.1 PURPOSE

This sampling and analysis plan (SAP) provides the details for conducting groundwater sampling and analysis field activities in support of the 200 Aggregate Area Management Study (AAMS) program. Included within this SAP are the objectives of the field activity, data needs and data quality objectives, sampling and analysis task descriptions, analytical requirements, quality assurance objectives and quality control methods.

1.2 BACKGROUND

The Hanford Site is organized into numerically designated operational areas including the 100, 200, 300, 400, 600, and 1100 Areas (Figure 1). The 100, 200, 300, and 1100 Areas have been listed on the EPA's National Priorities List (NPL). The 200 Area, located near the center of the Hanford Site, encompasses the 200 West, East and North Areas which contain reactor fuel processing and waste management facilities.

Under the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), the 200 NPL Site is divided into 8 waste area groups largely corresponding to the major processing plants (e.g. B-Plant and T-Plant), and a number of isolated operable units located in the surrounding 600 Area. Each waste area group is further subdivided into one or more operable unit. The intent of defining operable units was to group associated waste management units together, such that they could be effectively characterized and remediated under one work plan. In addition to past practice units, RCRA TSD facilities are often associated with an operable unit for characterization and remediation purposes.

Recent proposed revisions to the Tri-Party Agreement require that an aggregate area approach be implemented in the 200 Area based on the "Hanford Past Practice Investigation Strategy" (HPPIS). The fundamental principal of the HPPIS is to streamline the existing RI/FS and RFI/CMS processes to provide a "bias for action" by maximizing the use of existing data, integrating past practice with RCRA TSD closure investigations, limiting and focusing the RI/FS process, and conducting expedited and interim actions where appropriate. The preferred path of the HPPIS is to achieve records of decisions through interim remedial actions for the initial stages of Hanford cleanup. The ultimate goal being the successful cleanup or closure of contaminated areas at the earliest possible date in the most effective manner.

Currently, ten AAMS are to be conducted for the 200 Area. Eight of the studies will focus on "source" areas. Source aggregate areas have been delineated so as to contain past-practice units that are associated with a major processing facility (e.g. PUREX, B-Plant, Z-Plant). Investigations of source areas will include evaluation of contamination from ground surface down to groundwater (the vadose zone). The remaining two AAMS are groundwater-based (200 East and 200 West).

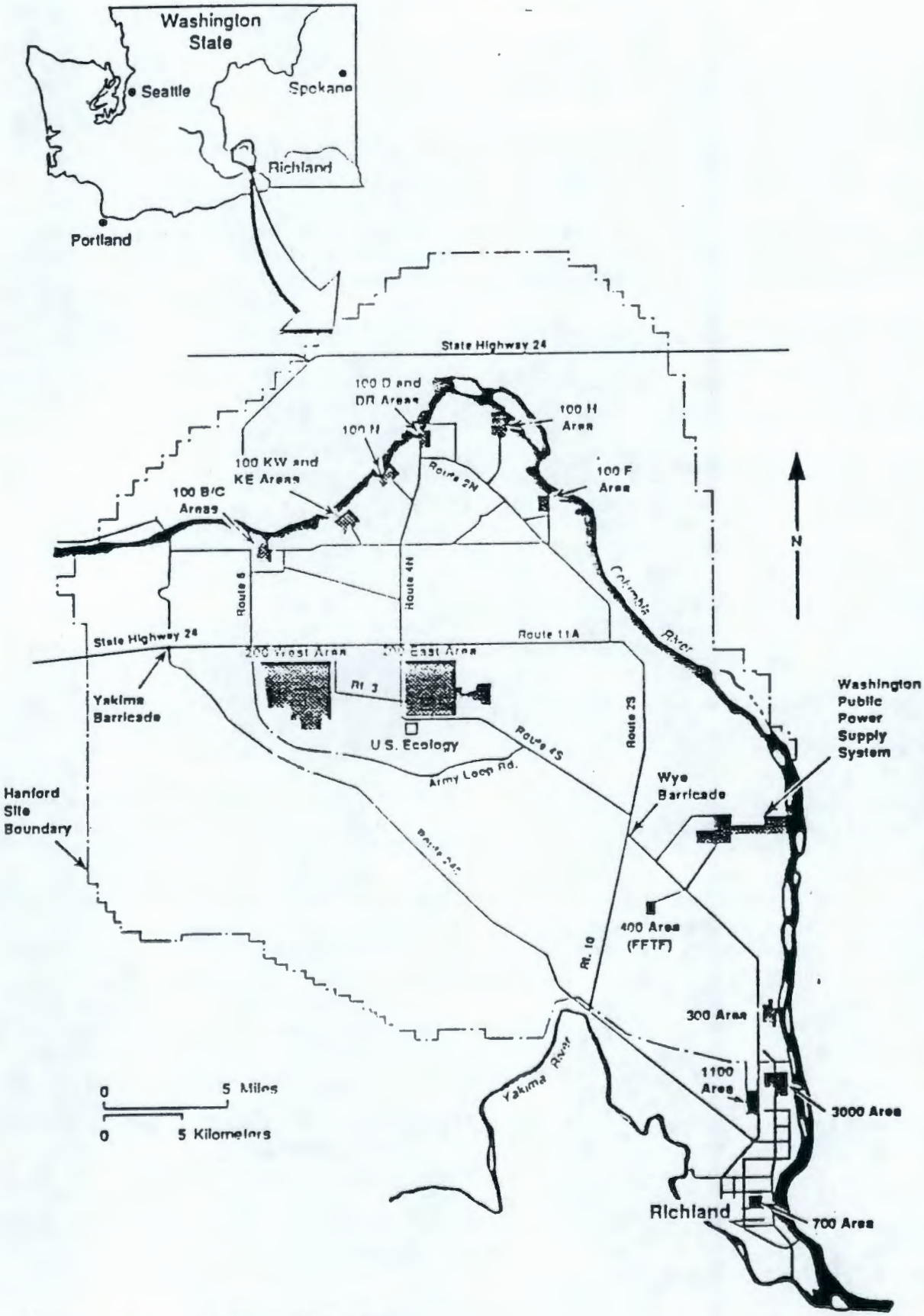

Figure 1-1. Hanford Site Map

Groundwater aggregate areas are delineated to encompass the geography necessary to define and understand the local hydrologic regime, and the distribution, migration and interaction of contaminants emanating from source sites which is considered an appropriate scale for developing conceptual and numerical groundwater models. As part of the 200 AAMS program, limited field activities are planned to help develop the area-wide conceptual models. Field activities will include groundwater sampling and analysis and borehole geophysical surveys. The groundwater sampling and analysis field activity is specifically directed toward refining the list of contaminants of concern and contaminant plume geometries. The goal is to supplement existing information to more accurately assess contaminant plume distributions.

2.0 SAMPLING AND ANALYSIS TASK DESCRIPTIONS

2.1 GENERAL APPROACH

The groundwater sampling and analysis activity has been structured into two phases (Table 2-1). The tasks associated with each phase of the activity are listed in the table as well as the section of the sampling and analysis plan that contains details for each task.

2.1.1 Phase I

Phase I (October-December, 1991) groundwater sampling and analysis will entail supplementing the sampling of wells that are already being sampled by other Hanford Site groundwater sampling programs (network wells). This approach has been chosen for the first quarter of sampling due to: 1) the limited amount of time available to evaluate contaminant plume distributions based on the most recent analytical data (since 1/1/88), 2) the possible need to select non-network wells, which may require remediation, which are more advantageously positioned for plume definition, and 3) the necessity of filing appropriate NEPA documentation for the sampling of non-network wells before they can be included in the AAMS sampling program.

The general approach for Phase I is to select wells and constituents which will provide an area-wide set of data which will complement the data set from 1/1/88. Wells that have been sampled and analyzed for a "long list" of constituents (>350) since 1/1/88 were not considered for resampling during Phase I so as to maximize the areal spread of information. Constituent lists of network wells selected for sampling during Phase I will be supplemented to include contaminants that have been detected in the 200 Area.

2.1.2 Phase II

The second phase of sampling and analysis will begin in January, 1992. Three quarters of sampling (January-March, April-June, and July-September) will be included under this phase. The primary objective of plume definition will govern the selection of wells. Well lists will likely be modified each quarter to achieve the primary objective of plume delineation.

2.2 DATA QUALITY OBJECTIVES

The EPA has devised a classification of analytical levels for contaminant data (EPA 1987). The classification provides for data of better quality as the ranking increases. Level I consists of field screening methods; Level II entails more advanced onsite analytical techniques; Level III pertains to standard laboratory program procedures; Level IV consists of EPA contract laboratory program procedures; and Level V pertains to specially developed procedures where standard methods are not available or where a high degree of analytical sensitivity is required.

TABLE 2-1. 200 AAMS Groundwater Sampling and Analysis Activity Tasks

	TASK	S&A PLAN SECTION	PHASE I	PHASE II
1	DATA COMPILATION AND REVIEW	2.3.1	X	X
2	CONTAMINANT DETERMINATION	2.3.2	X	X
3	EVALUATION OF EXISTING SAMPLING PROGRAMS	2.3.3	X	X
4	CONTAMINANT DETECTS PLUME MAPPING	2.3.4	X	X
5	EVALUATION OF EXISTING WELLS	2.3.5	X	X
6	DATABASE DEVELOPMENT	2.3.6	X	X
7	PHASE I WELL NETWORK SELECTION	2.3.7 APP. A	X	
8	PHASE I GROUNDWATER SAMPLING & ANALYSIS	2.3.8	X	
9	INITIATE NEPA DOCUMENTATION	2.3.9		X
10	PHASE II WELL NETWORK SELECTION	2.3.10 APP. B		X
11	NON-NETWORK WELL REMEDIATION	2.3.11		X
12	PHASE II GROUNDWATER SAMPLING & ANALYSIS	2.3.12		X
13	DATA EVALUATION	2.3.13	X	X

Westinghouse Hanford has developed a site-specific analytical classification that implements the EPA data quality objective (DQO) process but consists of two data quality levels: field or laboratory screening and validated laboratory analyses (McCain and Johnson, 1990). Field or laboratory screening is generally equivalent to EPA Levels I, II, and III; validated laboratory analyses are generally equivalent to EPA Levels IV and V, although some aspects of Level III are included.

The 200 AAMS groundwater sampling and analysis program is a screening activity and will follow WHC screening DQO protocols or EPA I, II, and III, dependent on the analysis performed. There is no intent to use the information in statistical analyses or to define "absolute" concentrations of contaminants at a well. Data quality objectives and analytical levels do not apply to compilation and evaluation of existing data. The Quality Assurance Plan for the 200 Area sampling and analysis activity is included in Attachment I.

2.3 TASK DESCRIPTIONS

2.3.1 Task 1 - Data Compilation and Review

The objective of this task is to assemble and evaluate existing data (electronic database and hardcopy) on 200 Area hydrogeology and groundwater contamination. Information sources include, but are not to be limited to, hydrogeologic and groundwater monitoring reports, monitoring well construction reports, groundwater quality data, and water level information.

2.3.2 Task 2 - Contaminant Determination

The purpose of this task is to query the Hanford Site Groundwater Database for all contaminants that have been detected in 200 Area groundwater samples analyzed since January 1, 1988. The term "contaminants" refers to any chemical or constituent that is listed in:

-40 CFR 141 and 143 - Primary and Secondary Drinking Water Regulations
-FR 54 22062 - Proposed Drinking Water MCL
-40 CFR 264 Appendix IV - the RCRA "Long List"
-WAC 173-200-040 - Model Toxics Control Act
-DOE Order 5400.5 - Derived Concentration Guides (DCG) for Radionuclides

A list of contaminant detections are contained in Appendix A and will be maintained in an electronic database for later evaluations such as contaminant plume mapping and comparisons with regulatory standards and background levels.

2.3.3 Task 3 - Evaluation of Existing Sampling Programs

The well networks and associated constituent lists for monitoring programs operating in the 200 Area will be compiled into an electronic database that identifies each well and the analyses scheduled for each month of the fiscal year, beginning in October, 1992.

Phase I sampling and analysis will be scheduled to supplement sampling schedules already defined by other Site groundwater programs. The contaminant detects identified in Task 2 will define the analyses requested for Phase I (Appendix A). Phase II sampling and analysis may also include wells that are scheduled for sampling under another Site program.

2.3.4 Task 4 - Contaminant Plume Mapping

The purpose of this task is to develop contaminant plume maps for use in the selection of well networks during Phase II. Maps will be generated for contaminant detections identified in Task 2. Each constituent will be plotted separately and contaminant plumes will be hand contoured. The plumes will then be digitized. Plume maps will continually be refined as additional analytical data is received and will be used as primary guides during Phase II well selection.

2.3.5 Task 5 - Evaluation of Existing Wells

The purpose of this task is to obtain information on the integrity, accessibility, construction quality, monitored interval, and sampling system employed by every well, network and non-network, within the study area. This evaluation will be based on the records review conducted in Task 1 and field inspections, as necessary. Wells will be categorized as either:

Category 1: This is the highest quality categorization, i.e. RCRA/CERCLA wells or equivalents. Wells must be constructed of stainless steel, have a screened interval of 20 feet or less with filter pack, have well completion information that is well documented, and be sampled by a positive-displacement or electric submersible pump. Water-level data and water chemistry are considered representative.

Category 2: These wells have a know screened or perforated interval of 30 feet or less, are sampled by a pump, and monitor the unconfined water table zone. Wells may or may not be constructed of stainless steel, have a filter pack, or documented borehole completion. Water-level data is representative. Chemistry data is representative in most cases but not regulation (RCRA) quality, i.e. adequate for screening purposes.

Category 3: This is the lowest quality well type. These wells have longer than 30 foot perforated intervals or unknown intervals and/or are sampled by bailer. These wells may be used for water levels if the monitoring interval is known and appropriate. Chemistry data from these wells may be representative, but can not be proven to be unbiased and may represent groundwater quality averaged over a large vertical distance in the aquifer.

This information will be used to evaluate the suitability of available wells as part of the well selection process.

2.3.6 Task 6 - Database Development

Information compiled in Tasks 2, 3, and 5 will be maintained in an electronic database for later data evaluation and inclusion in required reports. The database will have the capability of being expanded to include analytical results from Phase I and Phase II samplings.

2.3.7 Task 7 - Phase I Well Network Selection

Task Objective: The purpose of this task is to select a network of wells for sampling during October-December, 1991 which will provide a broad base of information on contaminant distribution in the 200 Area.

Task Description: Well selection for Phase I sampling and analysis is based on the following criteria: (1) only existing network wells may be considered, (2) wells should be chosen to provide the best areal coverage, and (3) wells that have had a "long list" (>350) constituents run since 1/1/88 are not to be considered. The wells chosen for sampling will have their

analytical constituent lists supplemented by analytical methods containing contaminant detects identified in Task 2.

Sample Locations, Frequencies, and Analyses: Wells selected for sampling during Phase I and the analyses requested are included in Appendix A. Appendix C contains a list of analytical procedures with applicable detection limits (hazardous constituents) or minimum detectable concentrations (radioactive constituents).

2.3.8 Task 8 - Phase I Groundwater Sampling and Analysis

Task Objective: This task objective is to sample monitoring wells chosen under Task 7 and analyze the groundwater collected for the constituents identified in Appendix A.

Task Description: Groundwater samples will be obtained by onsite organizations from Task 7 wells. Purgewater will be managed as prescribed in the purgewater strategy document (DOE 1990). Quality assurance requirements specified in Attachment I will be met.

2.3.9 Task 9 - Initiate NEPA Documentation for Non-Network Wells

Task Objective: The purpose of this activity is to prepare and submit for approval the necessary NEPA documentation to allow for the remediation and use of non-network wells in Phase II sampling (Task 12).

Task Description: A determination has been made that an Information Bulletin, as required by NEPA regulations, must be submitted in order that non-network wells may be remediated and sampled during Phase II.

2.3.10 Task 10 - Phase II Well Network Selection

Task Objective: The general objective of this task is to select wells for sampling during the three quarters of sampling scheduled for Phase II. The wells will be chosen to meet the specific objective of delineating and refining contaminant plume geometries.

Task Description: Using contaminant plume maps created in Task 4, well networks will be chosen on a quarterly basis. Wells chosen for sampling may be network or non-network wells, with the understanding that non-network wells may require limited remediation (Task 11) to provide representative groundwater samples.

Sampling Locations, Frequencies, and Analyses: Wells selected for sampling during Phase II and the analyses requested are included in Appendix B. Appendix C contains a list of analytical procedures with applicable detection limits (hazardous constituents) or minimum detectable concentrations (radioactive constituents).

2.3.11 Task 11 - Non-Network Well Remediation

Task Objective: The purpose of this task is to remediate non-network wells selected for sampling during Phase II of the field activity.

Task Description: As this activity is being implemented as a screening activity, remediation of non-network wells will be the minimum necessary to assure sample representativeness. At a minimum, the wells selected for remediation will be (1) backplugged with sand and grout-sealed to provide for a 20-foot or less sampling interval, (2) redeveloped, and (3) outfitted with an electric submersible or Hydrostar pump. Additional remediation measures will be evaluated on a well-by-well basis however it is intended that only those wells requiring minimal remediation will be scheduled.

2.3.12 Task 12 - Phase II Groundwater Sampling and Analysis

Task Objective: The objective of Task 12 is to sample monitoring wells chosen under Task 10 and analyze the groundwater collected for the constituents identified in Appendix B. Data will be used to delineate and refine contaminant plume geometries in the 200 Area.

Task Description: Groundwater samples will be obtained by onsite organizations from wells selected during Task 10 and sent to an offsite laboratory for analysis. Purgewater will be managed as prescribed in the purgewater strategy document (DOE 1990). Quality assurance requirements specified in Attachment I will be met.

2.3.13 Task 13 - Data Evaluation and Reporting

Task Objective: The purpose of this task is to compile and integrate the results of the Phase I and II sampling and analysis activities with existing data to provide improved contaminant plume geometry information.

Task Description: Analytical results from the quarterly samplings will be incorporated, as received, into the 200 Area database developed in Task 6. Contaminant plume geometries will be modified as data are received. The data and resultant plume geometry maps will be incorporated into the following reports. The reports that have been identified for data inclusion are:

- 200 West Groundwater Aggregate Area Management Study Report (September, 1992)
- 200 East Groundwater Aggregate Area Management Study Report (September, 1992)
- 200 Aggregate Area Management Study Final Groundwater Field Activity Report (November, 1992)

It is expected that only the first two or three quarters of analytical data will be available for inclusion in the 200 East and 200 West Groundwater Aggregate Area Management Study Reports. The Final report will summarize all four quarters of information.

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APPENDIX A

PHASE I CONTAMINANT DETECTIONS, WELL NETWORK AND ANALYTICAL REQUIREMENTS

APPENDIX A

This appendix contains a listing the 200 Area contaminant detections identified in Task 2 (Table A-1), the Phase I (October-December 1991) sampling network and analytical requirements (Table A-2), and a sampling network location map (Figure A-1).

Table A-1. 200 Area Contaminant Detections (by Analytical Method) Since 1/1/88

ANALYTICAL METHOD	CONTAMINANT DETECT
AA Metals SW-846 7060	Arsenic
SW-846 7470	Mercury
SW-846 7421	Lead
SW-846 7471	Selenium
ICP Metals SW-846 6010	Barium
	Chromium
	Copper
	Iron
	Manganese
	Zinc
Volatile Organics SW-846 8240	Carbon Tetrachloride
	Chloroform
	Trichloroethylene
	1,1-Dichloroethane
	1,1,1-Trichloroethane
	1,2-Dichloroethane
Anions ASTM D4327-88 OR EPA 300.2	Chloride
	Fluoride
	Nitrate
	Sulfate
Pesticide SW-846 8080	DDT (a)
Hydrazine ASTM D1385	Hydrazine
Semi-Volatile SW-846 8270	Bis(2-ethylhexyl)phthalate (a)
Coliform SW-846 9131/9132	Coliform

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ANALYTICAL METHOD	CONTAMINANT DETECT
Cyanide SW-846 9010	Cyanide
Radiochemistry SW-846 9310	Gross Alpha
SW-846 9310	Gross Beta
	Co-60 (b)
	I-129 (b)
	Pu-239/40 (b)
	Radium (b)
	Strontium-90 (b)
	Technetium-99
	Tritium
	Uranium

(a) This contaminant is suspected of being a spurious detect.

(b) Due to the limited extent of presently known plume geometry, this contaminant will be evaluated in detail during Phase II (except for peak information derived from gamma scan analysis, where appropriate).

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TABLE A-2. 200 AGGREGATE AREA MANAGEMENT STUDY
SAMPLING NETWORK AND ANALYTICAL REQUIREMENTS
OCTOBER-DECEMBER, 1991

Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
Z PLANT AGGREGATE AREA																			
2-W6-2	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W7-6	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W15-7	*	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-W15-19	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W15-24	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
U PLANT AGGREGATE AREA																			
2-W18-25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	X	X	X
2-W19-18	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W19-29	*	*	X	X	*	X	X	X	X	X	X	X	X	*	*	X	*	*	*
2-W19-31	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W22-40	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	*	*	*
S PLANT AGGREGATE AREA																			
2-W22-20	*	*	X	X	X	X	X	X	X	X	X	X	X	*	*	*	X	*	*
2-W22-21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2-W22-39	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W23-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W23-14	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W26-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W26-11	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	X	*

Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
T PLANT AGGREGATE AREA																			
2-W10-16	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W11-23	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W14-2	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-W15-22	*	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
B PLANT AGGREGATE AREA																			
2-E26-9	X	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	*	X
2-E26-11	X	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	*	X
2-E32-5	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-E33-37	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	*	X	*	*
2-E34-8	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	*	X	*	*
PUREX AGGREGATE AREA																			
2-E24-19	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E25-33	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	
2-E25-37	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	X
2-E25-39	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	X
2-E25-41	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E27-14	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E27-15	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E34-7	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
600 AREA																			
6-34-42	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X
6-35-70	X	*	X	X	X	X	X	X	X	X	X	X	X	*	*	*	X	*	X

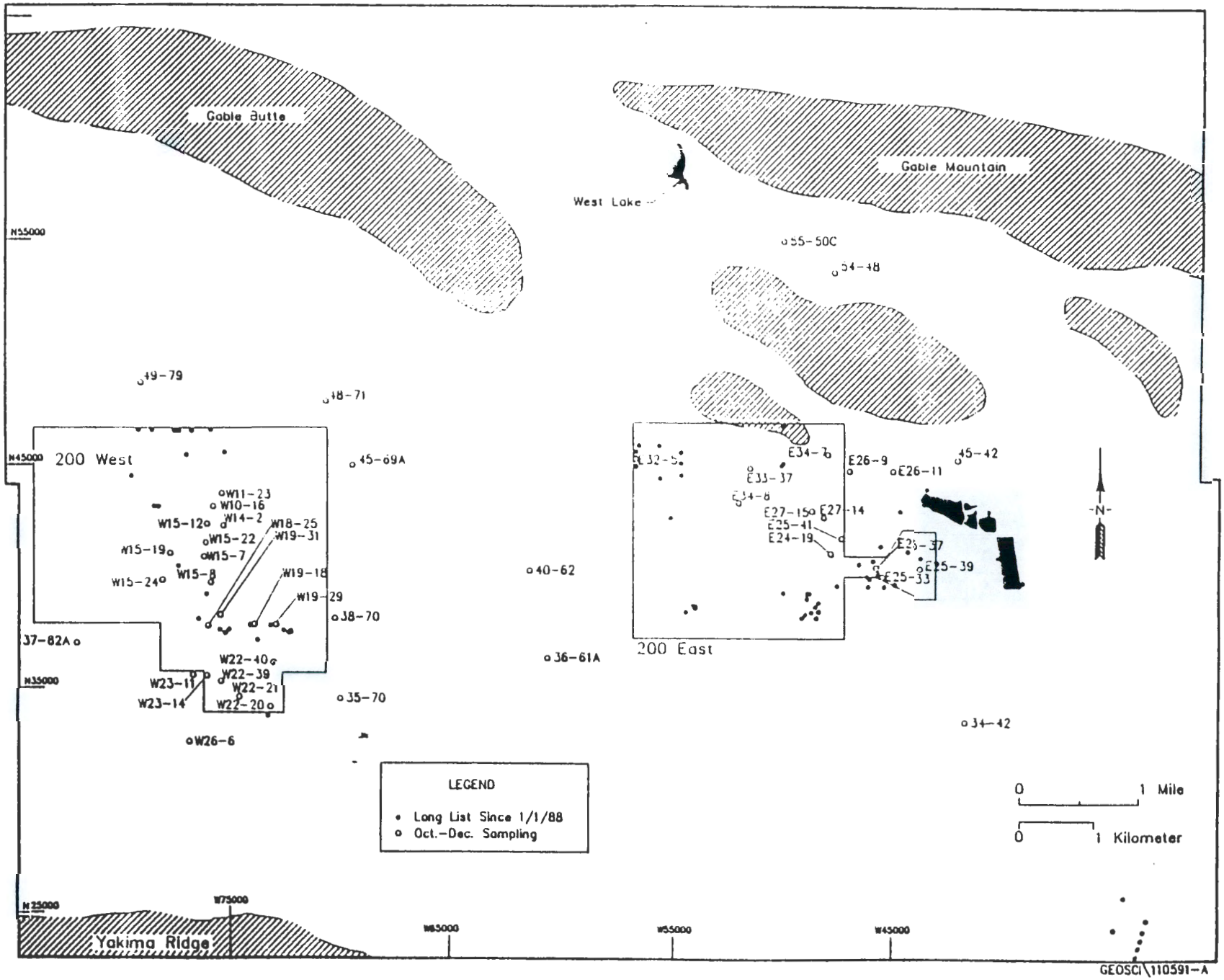
Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
6-36-61A	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	*	X
6-37-82A	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X
6-38-70	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6-40-62	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X
6-45-42	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	*	X
6-45-69A	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	*	X
6-48-71	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
6-54-48	X	X	X	X	*	X	X	X	X	X	X	X	X	*	*	X	X	*	X
6-55-50C	X	*	X	X	*	X	X	X	X	X	X	X	X	*	*	X	X	*	X

NOTE:

* - Indicates that this analysis has been requested by another Hanford Site groundwater monitoring program.

X - Indicates that this analysis is supplemental to other program requirements and is to be collected for the 200 Aggregate Area Project.

Figure A-1. 200 Area Phase I Sampling Network



APPENDIX B

PHASE II CONTAMINANT PLUME MAPS, WELL NETWORKS, AND ANALYTICAL REQUIREMENTS

APPENDIX B

(To be provided separately)

APPENDIX C

ANALYTICAL PROCEDURES

ANALYTICAL PROCEDURES AND DETECTION LIMITS (DLs) FOR HAZARDOUS CHEMISTRY ANALYTES

METHOD	ANALYTE	DL ppb	PRESERVE
ICP METALS	ANTIMONY	300	HNO3
SW-846 6010	BARIUM	20	"
	BERYLLIUM	3	"
	CADMIUM	10	"
	CALCIUM	100	"
	CHROMIUM	50	"
	COBALT	70	"
	COPPER	60	"
	IRON	300	"
	MAGNESIUM	100	"
	MANGANESE	50	"
	NICKEL	50	"
	POTASSIUM	300	"
	SILVER	50	"
	SODIUM	300	"
	TIN	100	"
	VANADIUM	80	"
	ZINC	20	"
AA METALS			
SW-846 7060	ARSENIC	10	HNO3
SW-846 7421	LEAD	10	"
SW-846 7470	MERCURY	2	"
SW-846 7471	SELENIUM	10	"
SW-846 7841	THALLIUM	10	"
ANIONS			
ASTM D4327-88	CHLORIDE	200	H2SO4
OR EPA 300.2	NITRITE	200	"
	NITRATE	200	"
	PHOSPHATE	400	"
	BROMIDE	500	NONE
	CHLORIDE	250000	"
	FLUORIDE	4000	"
	PHOSPHATE	400	"
	SULFATE	250000	"
	NITRATE	10000	"

METHOD	ANALYTE	DL ppb	PRESERVE
INDIVIDUAL INORGANIC ANALYTICAL PROCEDURES			
ASTM D 1426-D	AMMONIUM	100	H2SO4
SW-846 9010	CYANIDE	40	NaOH
SW-846 9030	SULFIDE	10000	NaOH/ZnAc
ASTM D1385	HYDRAZINE	30	HCL
PHYSICAL CHARACTERISTICS			
ASTM D1067 A/B	ALKALINITY	50 MG/L	NONE
SM 214 A	CONDUCTIVITY	N/A	"
SM 209 B	TDS	500 MG/L	"
PESTICIDES AND PCBs			
SW-846 8080	ALDRIN	0.05	NONE
	A - BHC	0.05	"
	B - BHC	0.05	"
	D - BHC	0.1	"
	G - BHC	0.05	"
	CHLORDANE	0.1	"
	4,4'-DDD	0.1	"
	4,4'-DDE	0.05	"
	4,4'-DDT	0.1	"
	DIELDRIN	0.05	"
	ENDOSULFAN I	0.1	
	ENDOSULFAN II	0.05	"
	ENDOSULFAN SO4	0.5	"
	ENDRIN	0.1	"
	ENDRIN ALDEHYDE	0.2	"
	HEPTACHLOR	0.05	"
	HEPTACHLOR EPOXIDE	1	"
	METHYOXYCHLOR	2	"
	TOXAPHENE	2	"
	PCBs	50	"
	AROCLOR 1016	1	
	AROCLOR 1221	1	"
	AROCLOR 1232	1	"
	AROCLOR 1242	1	"
	AROCLOR 1248	1	"
	AROCLOR 1254	1	"
	AROCLOR 1260	1	"
			"

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METHOD	ANALYTE	DL ppb	PRESERVE
CHLORINATED HERBICIDES SW-846 8150	2,4-D	100	NONE
	DINOSEB; DNBP	1	"
	SILVEX; 2,4,5-TP	10	"
	2,4,5-T	2	"
ORGANOPHOSPHORUS PESTICIDES SW-846 8140	DISULFOTON	2	NONE
	METHYL PARATHION	0.5	"
	PHORATE	2	
VOLATILE ORGANICS BY GC SW-846 8010/8020	BENZENE	1	HCl
	CARBON TETRACHLORIDE	1	"
	CHLOROFORM	0.5	"
	p-DICHLOROBENZENE	2	"
	1,1-DICHLOROETHANE	1	"
	1,2-DICHLOROETHANE	0.5	"
	cis-1,2-DICHLOROETHLYLENE	1	"
	trans-1,2-DICHLOROETHYLENE	1	"
	ETHYLBENZENE	2	"
	METHYLENE CHLORIDE	5	"
	TETRACHLOROETHYLENE	0.5	"
	TOLUENE	2	"
	1,1,2-TRICHLOROETHANE	0.2	"
	THRICHLOROETHYLENE	1	"
	VINYL CHLORIDE	2	"
	XYLENE (TOTAL)	5	"

METHOD	ANALYTE	DL ppb	PRESERVE
VOLATILE ORGANICS FOR GC/MS			
SW-846 8240	ACETONE	100	HCl
	BENZENE	5	"
	CARBON TETRACHLORIDE	5	"
	CHLOROFORM	5	"
	p-DICHLOROBENZENE	5	"
	1,1-DICHLOROETHANE	5	"
	1,2-DICHLOROETHANE	5	"
	trans-1,2-DICHLOROETHYLENE	5	"
	METHYLENE CHLORIDE	5	"
	METHYL ETHYL KETONE	100	"
	4-METHYL-2-PENTANONE	50	"
	TETRACHLOROETHYLENE	5	"
	TETRAHYDORFURAN	10	"
	TOLUENE	5	"
	1,1,1-TRICHLOROETHANE	5	"
	1,1,2-TRICHLOROETHANE	5	"
	TRICHLOROETHYLENE	5	"
	VINYL CHLORIDE	10	"
	XYLENE (m)	5	"
	XYLENE (o,p)	5	"

METHOD	ANALYTE	DL ppb	PRESERVE
APPENDIX IX ADDITIONS			
SW-846 8240	CHLOROPRENE	5	HCl
	METHYLENE BROMIDE	5	"
	METHYL IODIDE	5	"
	METHYL METHACRYLATE	5	"
	TICs		"
	ACETONITRILE	200	"
	ACROLEIN	5	"
	ACRYLONITRILE	5	"
	ALLYL CHLORIDE	100	"
	BROMODICHLOROMETHANE	5	"
	BROMOFORM	5	"
	CARBON DISULFIDE	5	"
	CHLOROBENZENE	5	"
	CHLOROETHANE	10	"
	DIBROMOCHLOROMETHANE	5	"
	1,2-DIBROMO-3-CHLOROPROPANE	5	"
	1,2-DIBROMOMETHANE	5	"
	trans-1,4-DIRCHLORO-2-BUTENE	5	"
	DICHLORODIFLUOROMETHANE	5	"
	1,1-DICHLOROETHYLENE	5	"
	1,2-DICHLOROPROPANE	5	"
	cis-1,2-DICHLOROPROPENE	5	"
	trans-1,3-DICHLOROPROPENE	5	"
	1,4-DIOXANE	5	"
	ETHYLBENZENE	200	"
	ETHYL METHACRYLATE	5	"
	2-HEXANONE	5	"
	ISOBUTYL ALCOHOL	50	"
	METHACRYLONITRILE	200	"
	METHYL BROMIDE	5	"
	METHYL CHLORIDE	10	"
	PROPIONITRILE	10	"
	STYRENE	5	"
	1,1,1,2-TETRACHLOROETHANE	5	"
	1,1,2,2-TETRACHLOROETHANE	5	"
	TRICHLOROFLUOROMETHANE	5	"
	1,2,3-TRICHLOROPROPANE	5	"
	VINYL ACETATE	5	"
		5	"
PHENOLS			
SW-846 8040	PHENOL	1	NONE

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METHOD	ANALYTE	DL ppb	PRESERVE
SEMIVOLATILE ORGANICS			
SW-846 8270	o-CRESOL	10	NONE
	m-CRESOL	10	"
	p-CRESOL	10	"
	DECANE	10	"
	DODECANE	10	"
	NAPHTHALENE	10	"
	PENTACHLOROPHENOL	50	"
	PHENOL	10	"
	TETRADECANE	10	"
	TRIBUTYL PHOSPHATE	10	"
	TICs		

METHOD	ANALYTE	DL ppb	PRESERVE
APPENDIX IV LIST FOR SEMI-VOA'S			
SW-846 8270	o-CRESOL	10	NONE
	m-CRESOL	10	"
	p-CRESOL	10	"
	KEROSENE	10000	"
	NAPHTHALENE	10	"
	PENTACHLOROPHENOL	50	"
	PHENOL	10	"
	TRIBUTYL PHOSPHATE	10	"
	TICs		"
	ACENAPHTHENE	10	"
	ACENAPHTHYLENE	10	"
	ACETOPHENONE	10	"
	2-ACETYLAMINOFLUORENE	10	"
	4-AMINOBIPHENYL	10	"
	ANILINE	14	"
	ANTRACENE	10	"
	ARAMITE	3	"
	BENZO[A]ANTHRACENE	10	"
	BENZO[B]FLUORANTHENE	10	"
	BENZO[K]FLUORANTHENE	10	"
	BENZO[GHI]PERYLENE	10	"
	BENZO[A]PYRENE	10	"
	BENZYL ALCOHOL	20	"
	BIS(2-CHLOROETHOXY)METHANE	10	"
	BIS(2-CHLOROETHYL)ETHER	10	"
	BIS(2-CHLORO-1-METHYLETHYL)ETHER	10	"
	BIS(2-ETHYLHEXYL)PHTHALATE	10	"
	4-BROMOPHENYL PHENYL ETHER	10	"
	BUTYL BENZYL PHTHALATE	10	"
	p-CHLOROANILINE	20	"
	CHLOROBENZILATE	10	"
	p-CHLORO-m-CRESOL	20	"
	2-CHLORONAPHTHALENE	10	"
	2-CHLOROPHENOL	10	"
	4-CHLOROPHENYL PHENYL ETHER	10	"
	CHRYSENE	10	"
	DIALLATE	10	"
	DIBENZ[A,H]ANTHRACENE	10	"
	DIBENZOFURAN	10	"
	DI-n-BUTYL PHTHALATE	10	"
	o-DICHLOROBENZENE	10	"
	m-DICHLOROBENZENE	10	"
	p-DICHLOROBENZENE	10	"
	3,3'-DICHLOROBENZIDINE	20	"
	2,4-DICHLOROPHENOL	10	"
	2,6-DICHLOROPHENOL	10	"

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METHOD	ANALYTE	DL ppb	PRESERVE
APPENDIX IV LIST FOR SEMI-VOA'S CONT.	0,0-DIETHYL 0-2-PYRAZINYL PHOSPHOROTHIOATE	10	NONE
SW-846 8270	DIMETHOATE	10	"
	p-(DIMETHYLAMINO)AZOBENZENE	10	"
	7,12-DIMETHYLBENZ[a]ANTHRACENE	10	"
	3,3'-DIMETHYLBENZIDINE	10	"
	a,a-DIMEHTYLPHENETHYLAMINE	10	"
	2,4-DIMETHYLPHENOL	10	"
	DIMETHYL PHTHALATE	10	"
	m-DINITROBENZENE	10	"
	4,6-DINITRO-o-CRESOL	50	"
	2,4-DINITROPHENOL	50	"
	2,4-DINITROTOLUENE	10	"
	2,6-DINITROTOLUENE	10	"
	DI-n-OCTYL PHTHALATE	10	"
	DIPHENYLAMINE	10	"
	ETHYL METHANESULFONATE	10	"
	FAMPHUR	10	"
	FLUORANTHENE	10	"
	FLUORENE	10	"
	HEXACHLOROBENZENE	10	"
	HEXACHLOROBUTADIENE	10	"
	HEXACHLOROCYCLOPENTADIENE	10	"
	HEXACHLOROETHANE	10	"
	HEXACHLOROPHENE	10	"
	HEXACHLOROPROPENE	10	"
	INDENO[1,2,3-cd]PYRENE	10	"
	ISODRIN	10	"
	ISOPHORONE	10	"
	ISOSAFROLE	10	"
	KEPONE	10	"
	METHAPYRILENE	10	"
	3-METHYLCHOLANTHRENE	10	"
	METHYL METHANESULFONATE	10	"
	2-METHYLNAPHTHALENE	10	"
	1,4-NAPHTHOQUINONE	10	"
	1-NAPHTHYLAMINE	10	"
	2-NAPHTHYLAMINE	10	"
	o-NITROANILINE	50	"

METHOD	ANALYTE	DL ppb	PRESERVE
APPENDIX IV LIST FOR SEMI-VOA'S CONT. SW-846 8270	m-NITROANILINE	50	NONE
	p-NITROANILINE	50	"
	NITROBENZENE	10	"
	o-NITROPHENOL	10	"
	p-NITROPHENOL	50	"
	4-NITROQUINOLINE-1-OXIDE	10	"
	N-NITROSODI-n-BUTYLAMINE	10	"
	N-NITROSODIETHYLAMINE	10	"
	N-NITROSODIMETHYLAMINE	10	"
	N-NITROSODIPHENYLAMINE	10	"
	DI-n-PROPYLNITROAMINE	10	"
	N-NITROSOMETHYLETHYLAMINE	10	"
	N-NITROSOMORPHOLINE	10	"
	N-NITROSPIPERIDINE	10	"
	N-NITROSOPYRROLIDINE	10	"
	5-NITRO-o-TOLUIDINE	10	"
	PARATHION	10	"
	PENTACHLOROBENZENE	10	"
	PENTACHLOROETHANE	10	"
	PENTACHLORONITROBENZENE	10	"
	PHENACETIN	10	"
	PHENANTHRENE	10	"
	p-PHENYLENEDIAMINE	10	"
	2-PICOLINE	10	"
	PRONAMIDE	10	"
	PYRENE	10	"
	PYRIDINE	10	"
	SAFROLE	10	"
	1,2,4,5-TETRACHLOROBENZENE	10	"
	2,3,4,6-TETRACHLOROPHENOL	10	"
	TETRAETHYL DITHIOPYROPHOSPHATE	10	"
	o-TOLUIDINE	10	"
	1,2,4-TRICHLOROBENZENE	10	"
	2,4,5-TRICHLOROPHENOL	10	"
	2,4,6-TRICHLOROPHENOL	10	"
	0,0,0-TRIETHYL PHOSPHOROTHIOATE	10	"
	SYM-TRINITROBENZENE	10	"
DIOXIN AND DIBENZOFURANS SW-846 8280	PCDDs	0.01	NONE
	PCDFs	0.01	"
	2,3,7,8-TCDD	0.005	"

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METHOD	ANALYTE	DL ppb	PRESERVE
INDICATOR PARAMETERS			
ASTM D2579 A/B	TOTAL CARBON	2000	NONE
SW-846 9060	TOTAL ORGANIC CARBON	1000	H2SO4
SW-846 9020	TOTAL ORGANIC HALIDES	10	H2SO4
TOTAL COLIFORM BACTERIA			
SW-846 9131/9132	COLIFORM	1/100 ML	Na2S2O3

MINIMUM DETECTABLE CONCENTRATIONS (MDCs) FOR RADIOCHEMICAL CHEMISTRY ANALYTES

METHOD	ANALYSIS	MDC(pCi/l)
SW-846 9310	GROSS ALPHA GROSS BETA	15 50
SW-846 9315A	RADIUM	5
	TRITIUM	20,000
	STRONTIUM-89, 90	8
	TECHNETIUM-99	15
	GAMMA SCAN (including: Cs-137, Co-60, C-14)	20
	RUTHENIUM-106	20
	IODINE-129	1
	PLUTONIUM-238, 239, 240	0.1
	URANIUM-NATURAL	0.5
	URANIUM-ISOTOPIC	0.1
	AMERICIUM-241	0.015

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ATTACHMENT 1

QUALITY ASSURANCE PLAN

ACTIVITY DESCRIPTION

The primary objective of this field activity is to collect groundwater samples from wells in the 200 Area and analyze them for contaminants of concern and to use the resultant data to refine and delineate contaminant plume maps for the area. The requirement for this work is given in Section 1.2, Background. Specific tasks associated with the conduct of the investigation are described in Section 2.3, Task Descriptions.

QUALITY ASSURANCE (QA) OBJECTIVES FOR MEASUREMENT

The data quality objectives (DQOs), which are the data quantity and data quality levels required to support the data interpretation requirements for this activity, are explained in Section 2.2. Most samples will be analyzed at EPA Levels I and III (EPA 1987). Field screening will be done with a calibrated instrument. Laboratory screening will be technically correct using a calibrated instrument and documented. Groundwater samples submitted for laboratory analysis will be analyzed according to applicable procedures defined in a statement of work to the laboratory which will be equivalent to, or more stringent, procedures listed in Appendix C.

PROCEDURES

Phase I sampling and analysis activities will be conducted as an add-on program to other Hanford Site groundwater monitoring networks. Field sampling for these programs will be conducted by PNL and the analytical work will be conducted through laboratories under contract to PNL. A Statement of Work (SOW) for FY 1992 has been transmitted from Westinghouse Hanford to PNL to establish the requirements and sampling schedules for groundwater sampling and analysis activities (WHC 1990a). The QA/QC section of the SOW contains requirements (1) for the preparation of a QA project plan (QAPP) that meets the requirements of QAMS-0005/80, *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans* (EPA 1983) and pertinent U.S. Department of Energy (DOE) orders, and (2) that all activities (i.e. procedures) are consistent with protocols and recommendations provided in U.S. Environmental Protection Agency"s (EPA) *RCRA Ground Water Monitoring Technical Enforcement Guidance Document* (EPA 1986a) and *Test Methods for Evaluating Solid Waste* (EPA 1986b). Sampling and analysis activities conducted during Phase I will be performed under a supplemental work order to PNL and will meet the same requirements as are specified in the FY 1992 SOW.

Phase II sampling and analysis activities will be directly managed and conducted by Westinghouse Hanford personnel. The Westinghouse Hanford procedures that will be used to support the sampling plan have been selected form the *Environmental Engineering, Technology, and Permitting Function Quality Assurance Program Plan* (WHC 1990b), which will be included in the Westinghouse Hanford QA program plan for Comprehensive Environmental Response, Compensation, and Liability Act of 1980 remedial investigation/feasibility

study activities. Selected procedures include Environmental Investigations Instructions (EIIs) from the *Environmental Investigations and Site Characterization Manual* (WHC 1988a), and Quality Requirements (QR) and Quality Instructions (QI) from the Westinghouse Hanford *Quality Assurance Manual* (WHC 1988b).

The tasks associated with Phase II are discussed in Sections 2.3.9 through 2.3.12. The EII will govern these tasks as applicable. Tasks performed by subcontractors or participant contractors will comply with applicable portions of the EII (WHC 1988a) and/or with Westinghouse Hanford-approved contractor or participant contractor procedures.

Procedural approval, revision, and distribution control requirements applicable to EIIs are addressed in EII 1.2, "Preparation and Revision of Environmental Investigations Instructions". Deviations from established EIIs that may be required in response to unforseen field situations may be authorized in compliance with EII 1.4, "Deviation from Environmental Investigations Instructions". In the event of a time constraint, deviations from procedures may be documented in, for example, field logbooks.

Sampling locations, frequencies, and analyses are described in Section 2.3.

SAMPLE CUSTODY

Sample custody will be maintained if sample analysis does not immediately follow sample collection. Results of analyses shall be traceable to original samples through the unique code or identifier assigned to the sample in the field. Results of field investigations will be controlled according to applicable EIIs.

CALIBRATION PROCEDURES

Calibration of measuring equipment will be done according to procedures in manuals governing its use. Calibration of Westinghouse Hanford, participant contractor, or subcontractor analytical equipment shall be as defined by applicable standard analytical methods, subject to Westinghouse Hanford review and approval.

ANALYTICAL PROCEDURES

Analytical methods are identified in Appendix D. Procedures based on these methods will be selected or developed and approved prior to use in compliance with Westinghouse Hanford procedure and/or procurement control requirements.

DATA REDUCTION, VALIDATION, AND REPORTING

The cognizant engineer for 200 Area sampling and analysis field activities will be responsible for preparing a report summarizing the results of analyses and for preparing a detailed data package that includes all information necessary to perform data validation as required.

INTERNAL QUALITY CONTROL

Internal quality control methods, such as the use of field duplicate samples and field blanks will be used. The type and frequency of Phase I quality control samples are defined in the FY 1992 SOW to PNL. Phase II quality control will be equivalent to what is defined for Phase I.

PERFORMANCE AND SYSTEMS AUDITS

Audits in environmental investigations are considered to be systematic checks that verify the quality of operation of one or more elements of the total measurement system. Performance audit requirements will be met by the use of internal quality control methods. Systems audits will be scheduled if so requested by the Project Lead, Project Scientist, or U.S. Department of Energy-Richland Operations Office (DOE-RL).

PREVENTIVE MAINTENANCE

All measurement and testing equipment used in the field that directly affects the quality of the analytical data shall be subject to preventive maintenance to ensure minimization of measurement system downtime. Field equipment maintenance instructions shall be as defined by the approved procedures governing their use.

CORRECTIVE ACTIONS

In the context of QA, corrective actions are procedures that might be implemented on samples that do not meet QA specifications. A corrective action request might be generated, for example, by an audit. Corrective actions may include resampling or reanalyzing samples, if feasible. The primary responsibility for corrective action resolution is assigned to the Project Scientist and Project lead.

QUALITY ASSURANCE REPORT

Copies of all QA documentation, such as audits and corrective action resolutions, will be routed to the project QA records upon completion of the sampling and analysis activities. Summaries of the data quality information related to the field sampling and analysis activities will be included in reports specified in Section 2.3.13, Task 13 - Data Evaluation and Reporting.

REFERENCES

EPA, 1983, *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans*, EPA-600/4-83-004, Office of Exploratory Research, U.S. Environmental Protection Agency, Washington, D.C.

EPA, 1986a, *RCRA Groundwater Monitoring Technical Enforcement Guidance Document*, Office of Waste Programs Enforcement and Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency, Washington, D.C.

EPA, 1986b, *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*, SW-846, 3rd edition, Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency, Washington, D.C.

EPA, 1987, *Data Quality Objectives for Remedial Response Activities, Vol. 1, Development Process*, EPA-540/6-87-003, Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, U.S. Environmental Protection Agency, Washington, D.C.

WHC, 1988a, *Environmental Investigations and Site Characterization Manual*, Westinghouse Hanford Company, Richland, Washington

WHC, 1988b, *Quality Assurance Manual*, Westinghouse Hanford Company, Richland, Washington.

WHC, 1990a, *Fiscal Year 1991 Sampling and Analysis Statement of Work*, K. R. Fecht, Westinghouse Hanford Company to M. A. Neely, Pacific Northwest Laboratory, letter 9057081 dtd October 1, 1990, Richland, Washington.

WHC, 1990b, *Environmental Engineering, Technology, and Permitting Function Quality Assurance Program Plan*, Westinghouse Hanford Company, Richland, Washington.

APPENDIX B

PHASE II CONTAMINANT PLUME MAPS, WELL NETWORKS, AND ANALYTICAL REQUIREMENTS

Phase II groundwater sampling and analysis will be conducted during the first three quarters of CY 1992. The primary objective of the sampling and analysis activities is to provide information to refine contaminant plume geometries in support of the 200 Aggregate Area Management Study Program. Each quarterly sampling is described in subappendices to this appendix.

APPENDIX B

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Appendix B.1 - Phase II Groundwater Sampling and Analysis, January-March, 1991 . . . . . B.1-1

Appendix B.2 - Phase II Groundwater Sampling and Analysis, April-June, 1991 . . . . (To Be Provided)

Appendix B.3 - Phase II Groundwater Sampling and Analysis, July-September, 1991 . . (To Be Provided)

APPENDIX B.1
PHASE II GROUNDWATER SAMPLING AND ANALYSIS
JANUARY-MARCH, 1991

INTRODUCTION

This subappendix describes the rationale and supporting information for selection of wells and constituents for the first quarter (January-March, 1991) of Phase II sampling and analysis. Existing information regarding contaminant plume geometries is summarized and a sampling program is defined. Non-network wells are identified for remediation.

EXISTING PLUME INFORMATION

Groundwater contaminant plume mapping in the 200 areas has been conducted on selected constituents since the 1940s. In support of the current 200 AAM study program, the most recent information regarding plume distributions in the area has been reviewed. Six studies have been identified which contain contaminant plume maps and/or information on contaminant detections in the 200 Area (Evans et al, 1990; Jaquish and Bryce, 1990; Serkowski and Jordan, 1989; DOE 1991a; DOE 1991b; and WHC 1991).

There was an interruption of laboratory services during the period from June, 1990 until May, 1991 during which time no sampling for hazardous chemistry constituents was conducted. Samples for radioactive constituents were collected from select wells and archived for later analysis. Those samples are currently being analyzed in conjunction with normally scheduled samples. Therefore, the most recent published information, with the exception of one report, is based on groundwater samples collected in 1989 and/or the first half of 1990. The one report that contains more recent information is the *Expedited Response Action Proposal (EE/CA & EA) for 200 West Area Carbon Tetrachloride Plume* (DOE 1991a). This study was directed towards understanding the distribution of only one constituent.

CONTAMINANT PLUME MAPPING

The information from the most recent published studies has been integrated with the contaminant detection determinations made in Task 2 (Contaminant Determination) in the 200 AAMS Groundwater Field Activity Sampling and Analysis Plan (11/8/92) to develop plume distribution maps. Task 2 evaluation included all contaminant detections in the 200 Area regardless of whether a regulatory standard was exceeded. The contaminants that exceeded a standard were then compiled and the results are presented in Table B.1-1. Contaminant distribution maps were developed for the constituents identified in Table B.1-1. Maps were developed from average concentration values from the period 1/1/88 to the present. This approach was chosen so as to provide a gross indication of the extent of contamination of each constituent as well as to provide sufficient data for contouring.

Table B.1-1. 200 AAMS Constituents that exceed a regulatory standard.

CONSTITUENT	STANDARD EXCEEDED	MOST STRINGENT LIMIT
ARSENIC	WWQS	.05 PPB
CHROMIUM	WWQS, DWS	50 PPB
FLUORIDE	WWQS, DWS	4000 PPB
IRON	WWQS, DWS	300 PPB
MANGANESE	WWQS, DWS	50 PPB
CARBON TETRACHLORIDE	WWQS, DWS	0.3 PPB
CHLOROFORM	WWQS, DWS	7 PPB
TRICHLOROETHYLENE	WWQS, DWS	3 PPB *
HYDRAZINE	WWQS	0.03 PPB *
STYRENE	DWS	5 PPB
NITRATE	WWQS, DWS	45 PPM
SULFATE	WWQS, DWS	250 PPM
BIS(2-ETHYLHEXYL)PHTHALATE	WWQS	6 PPB *
COLIFORM	DWS	1 PPB
ALPHA	WWQS, DWS	15 PCI/L
BETA	WWQS, DWS	50 PCI/L
CESIUM-137	1/25 DCG, DWS	120 PCI/L
COBALT-60	DWS, 1/25 DCG	100 PCI/L
IODINE-129	DWS, 1/25 DCG	1 PCI/L
PLUTONIUM-239/240	1/25 DCG, DWS	1 PCI/L
RADIUM	WWQS, DWS	3 PCI/L
STRONTIUM-90	DWS, WWQS, 1/25 DCG	8 PCI/L
TECHNETIUM-99	DWS, 1/25 DCG	900 PCI/L
TRITIUM	DWS, WWQS, 1/25 DCG	20,000 PCI/L
URANIUM	DWS	40 PCI/L

* INDICATES THAT THE DETECTION LIMIT FOR THIS CONSTITUENT IS HIGHER THAN THE MOST STRINGENT REGULATORY LIMIT.
WWQS - Washington Water Quality Standard (WAC 173-200)
DWS - Drinking Water Standard
DCG - Derived Concentration Guide

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The maps can be categorized into four groupings based on areal extent of contamination (widespread, intermediate, localized, and indeterminate). A summary of these categorizations (by contaminant) is contained Table B.1-2. Contaminant plume maps for all contaminants listed in Table B.1-2 are presented at the end of this subappendix.

WELL NETWORK SELECTION

Contaminant plume maps were composited in order to select the monitoring well network for the first quarter of 1992 (Table B.1-3). Wells that are to be remediated are identified in the column entitled "Remediation Required". Tritium was not considered at this time due to the fact that there is a copious amount of data and because of the limited number of wells which may be allocated for sampling. For different reasons, the "indeterminate" plume constituents were deleted from consideration at this time. These constituents are being evaluated as possibly being either spurious detects or attributable to a well-specific condition (e.g. well construction contamination).

Of the remaining plumes, the majority can be seen to be present in the groundwater beneath or immediately adjacent to the 200 West area. The majority of the wells selected for sampling for this first quarter of Phase II reflect this distribution.

Wells will be sampled for a "long list" of constituents. The analytical requirements are presented in Table B.1-4. The constituents lists of wells that are to be sampled by other Hanford Site monitoring programs during this first quarter have been reviewed and the duplicate analyses have been deleted from the 200 AAMS list of analyses.

Table B.1-2. Contaminant plume distribution.

CONSTITUENT	PLUME DISTRIBUTION	AREAS OF CONTAMINATION		
		200 WEST	200 EAST	600 AREA
ARSENIC	LOCALIZED	X	X	
CHROMIUM	INTERMEDIATE	X	X	
FLUORIDE	INTERMEDIATE	X		
IRON	INDETERMINATE			
MANGANESE	INDETERMINATE			
ALUMINUM	INDETERMINATE			
CARBON TETRACHLORIDE[1]	INTERMEDIATE	X		
CHLOROFORM	INTERMEDIATE	X		
TRICHLOROETHYLENE	INTERMEDIATE	X		
HYDRAZINE	INDETERMINATE			
STYRENE	INDETERMINATE			
NITRATE	WIDESPREAD	X	X	X
SULFATE	INDETERMINATE			
BIS(2-ETHYLHEXYL) PHTHALATE	INDETERMINATE			
COLIFORM	INDETERMINATE			
ALPHA	INTERMEDIATE	X	X	X
BETA[2]	INTERMEDIATE	X	X	X
CESIUM-137	LOCALIZED		X	
COBALT-60[2]	INTERMEDIATE			X
IODINE-129	INTERMEDIATE	X	X	X
PLUTONIUM-239/240	LOCALIZED	X	X	
RADIUM	INDETERMINATE			
STRONTIUM-90	LOCALIZED		X	X
TECHNETIUM-99[2]	INTERMEDIATE	X	X	X
TRITIUM	WIDESPREAD	X	X	X
URANIUM	LOCALIZED	X		

[1]The contour map presented for this constituent is from DOE/RL-91-32.
[2]One of the contour maps presented for this constituent was prepared for the 200-BP-1 RI/FS.

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Table B.1-3. First Quarter, Phase II well network with annotation of wells requiring remediation.

#	WELL	PLUME LOCATION	REMEDIATION REQUIRED	#	WELL	PLUME LOCATION	REMEDIATION REQUIRED
1	2-E16-1	200 EAST	YES	22	2-E33-27	200 EAST	YES
2	2-E17-12	200 EAST	NO	23	6-36-46R	200 EAST	YES
3	2-E23-1	200 EAST	NO	24	6-37-43	200 EAST	NO
4	2-E23-2	200 EAST	NO	25	6-42-42A	200 EAST	YES
5	2-E24-3	200 EAST	NO	26	6-52-46A	200 EAST	NO
6	2-E24-4	200 EAST	NO	27	6-53-48A	200 EAST	NO
7	2-E24-5	200 EAST	YES	28	6-53-50	200 EAST	NO
8	2-E24-7	200 EAST	NO	29	6-54-45B	200 EAST	YES
9	2-E25-17	200 EAST	NO	30	6-54-48	200 EAST	NO
10	2-E26-2	200 EAST	NO	31	6-54-49	200 EAST	NO
11	2-E26-6	200 EAST	NO	32	6-55-60A	200 EAST	YES
12	2-E26-7	200 EAST	YES	33	6-56-43	200 EAST	NO
13	2-E26-8	200 EAST	NO	34	6-56-53	200 EAST	NO
14	2-E28-1	200 EAST	NO	35	6-59-55	200 EAST	YES
15	2-E28-2	200 EAST	YES	36	6-59-58	200 EAST	NO
16	2-E28-5	200 EAST	NO	1	2-W10-1	200 WEST	NO
17	2-E28-6	200 EAST	YES	2	2-W10-4	200 WEST	NO
18	2-E28-9	200 EAST	NO	3	2-W10-5	200 WEST	NO
19	2-E28-12	200 EAST	NO	4	2-W11-3	200 WEST	NO
20	2-E29-1	200 EAST	YES	5	2-W11-6	200 WEST	YES
21	2-E33-10	200 EAST	NO	6	2-W11-7	200 WEST	NO

#	WELL	PLUME LOCATION	REMEDIATION REQUIRED	#	WELL	PLUME LOCATION	REMEDIATION REQUIRED
7	2-W11-10	200 WEST	YES	28	2-W19-22	200 WEST	YES
8	2-W11-14	200 WEST	NO	29	2-W22-9	200 WEST	NO
9	2-W11-18	200 WEST	NO	30	2-W22-12	200 WEST	NO
10	2-W12-1	200 WEST	NO	31	2-W23-9	200 WEST	NO
11	2-W14-6	200 WEST	NO	32	2-W6-1	200 WEST	NO
12	2-W14-7	200 WEST	YES	33	6-31-65	200 WEST	YES
13	2-W14-8	200 WEST	YES	34	6-32-62	200 WEST	NO
14	2-W14-10	200 WEST	NO	35	6-35-66	200 WEST	NO
15	2-W15-2	200 WEST	NO	36	6-35-70	200 WEST	NO
16	2-W15-4	200 WEST	NO	37	6-36-61A	200 WEST	NO
17	2-W15-7	200 WEST	NO	38	6-38-65	200 WEST	NO
18	2-W18-3	200 WEST	NO	39	6-39-79	200 WEST	NO
19	2-W18-7	200 WEST	NO	40	6-40-62	200 WEST	NO
20	2-W18-15	200 WEST	NO	41	6-40-80	200 WEST	YES
21	2-W18-22	200 WEST	NO	42	6-44-64	200 WEST	NO
22	2-W19-2	200 WEST	NO	43	6-45-78	200 WEST	YES
23	2-W19-3	200 WEST	NO	44	6-46-79	200 WEST	YES
24	2-W19-4	200 WEST	YES				
25	2-W19-5	200 WEST	NO				
26	2-W19-8	200 WEST	YES				
27	2-W19-12	200 WEST	NO				

Table B.1-4. Analytical Parameters (Sheet 1 of 4)

Volatiles	CAS[a] number
Chloromethane	74-87-3
Bromomethane	74-83-9
Vinyl chloride	75-01-4
Chloroethane	75-00-3
Methylene chloride	75-09-2
Acetone	67-64-1
Carbon disulfide	75-15-0
1,1-Dichloroethene	75-35-4
1,1-Dichloroethane	75-34-3
1,2-Dichloroethene (total)	540-59-0
Chloroform	67-66-3
1,2-Dichloroethane	107-06-2
2-Butanone	78-93-3
1,1,1-Trichloroethane	71-55-6
Carbon tetrachloride	56-23-5
Vinyl acetate	108-05-4
Bromodichloromethane	75-27-4
1,2-Dichloropropane	78-87-5
1,3-Dichloro-1-propene (Z)	10061-01-5
Trichloroethene	79-01-6
Dibromochloromethane	124-48-1
1,1,2-Trichloroethane	79-00-5
Benzene	71-43-2
trans-1,3-Dichloropropene	542-75-6
Bromoform	75-25-2
4-Methyl-2-pentanone	108-10-1
2-Hexanone	591-78-6
Tetrachloroethene	127-18-4
Toluene	108-88-3
1,1,2,2-Tetrachloroethane	79-34-5
Chlorobenzene	108-90-7
Ethyl benzene	100-41-4
Styrene	100-42-5
Xylenes (total)	1330-20-7

Table B.1-4. Analytical Parameters (Sheet 2 of 4)

Semivolatiles	CAS[a] number
Phenol	108-95-2
bis(2-Chlorethyl) ether	111-44-4
2-Chlorophenol	95-57-8
1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7
Benzyl alcohol	100-51-6
1,2-Dichlorobenzene	95-50-1
2-Methylphenol	95-48-7
bis(2-Chloroisopropyl) ether	39635-32-9
4-Methylphenol	106-44-5
N-Nitroso-di-n-dipropylamine	621-64-7
Hexachloroethane	67-72-1
Nitrobenzene	98-95-3
Isophorone	78-59-1
2-Nitrophenol	88-75-5
2,4-Dimethylphenol	105-67-9
Benzoic acid	65-85-0
bis(2-Chloroethoxy) methane	111-91-1
2,4-Dichlorophenol	120-83-2
1,2,4-Trichlorobenzene	120-82-1
Naphthalene	91-20-3
4-Chloroaniline	106-47-8
Hexachlorobutadiene	87-68-3
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	59-50-7
2-Methylnaphthalene	91-57-6
Hexachlorocyclopentadiene	77-47-4
2,4,6-Trichlorophenol	88-06-2
2,4,5-Trichlorophenol	95-95-4
2-Chloronaphthalene	91-58-7
2-Nitroaniline	88-74-4
Dimethylphthalate	131-11-3
Acenaphthylene	208-96-8
2,6-Dinitrotoluene	606-20-2
3-Nitroaniline	99-09-2
Acenaphthene	83-32-9
2,4-Dinitrophenol	51-28-5
4-Nitrophenol	100-02-7
Dibenzofuran	132-64-9
2,4-Dinitrotoluene	121-14-2
Diethylphthalate	84-66-2
4-Chlorophenyl-phenyl-ether	7005-72-3
Fluorene	86-73-7
4-Nitroaniline	100-01-6
4,6-Dinitro-2-methylphenol	534-42-1

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Table B.1-4. Analytical Parameters (Sheet 3 of 4)

Semivolatiles (contd)	CAS[a] number
N-nitrosodiphenylamine	86-30-6
4-Bromophenyl-phenylether	101-55-3
Hexachlorobenzene	118-74-1
Pentachlorophenol	87-86-5
Phenanthrene	85-01-8
Anthracene	120-12-7
Di-n-butylphthalate	84-74-2
Fluoranthene	206-44-0
Pyrene	129-00-0
Butylbenzylphthalate	85-68-7
3,3'-Dichlorobenzidine	91-94-1
Benzo(a)anthracene	56-55-3
Chrysene	218-01-9
bis(2-Ethylhexyl)phthalate	117-81-7
Di-n-octylphthalate	117-84-0
Benzo(b)fluoranthene	205-99-2
Pesticides/polychlorinated biphenyls	**CAS[a] number**
Benzo(k)fluoranthene	207-08-9
Benzo(a)pyrene	50-32-8
Indeno (1,2,3-cd)pyrene	193-39-5
Dibenz(a,h)anthracene	53-70-3
Benzo(g,h,i)perylene	191-24-2
Alpha-BHC	319-84-6
Beta-BHC	319-85-7
Delta-BHC	319-86-8
Gamma-BHC (Lindane)	58-89-9
Heptachlor	76-44-8
Aldrin	309-00-2
Heptachlor epoxide	1024-57-3
Endosulfan I	959-98-8
Dieldrin	60-57-1
4,4'-DDE	72-55-9
Endrin	72-20-8
Endosulfan II	33213-65-9
4,4'-DDD	72-54-8
Endosulfan sulfate	1031-07-8
4,4'-DDT	50-29-3
Methoxychlor	72-43-5
Endrin ketone	53494-70-5
Alpha-Chlordane	5103-71-9
Gamma-Chlordane	5103-74-2
Toxaphene	8001-35-2

Table B.1-4. Analytical Parameters (Sheet 4 of 4)

Pesticides/polychlorinated biphenyls (contd)	CAS[a] number
Aroclor-1016	12674-11-2
Aroclor-1221	11104-28-2
Aroclor-1232	11141-16-5
Aroclor-1242	53469-21-9
Aroclor-1248	12672-29-6
Aroclor-1254	11097-69-1
Aroclor-1260	11096-82-5

Analyte[b]	Radionuclides[c]	Inorganic anions[c]
Aluminum	Gamma scan	Bicarbonate
Antimony	Gross alpha	Carbonate
Arsenic	Gross beta	Chloride
Barium	Iodine-129	Fluoride
Beryllium	Plutonium	Nitrate (as NO_3^-)
Cadmium	Strontium-90	Phosphate
Calcium	Technetium-99	Sulfate
Chromium	Tritium	
Cobalt	Uranium (including specific isotopes)	
Copper		
Cyanide		
Iron		
Lead		
Magnesium		
Manganese		
Mercury		
Nickel		
Potassium		
Selenium		
Silver		
Sodium		
Thallium		
Vanadium		
Zinc		

Other[c]
Alkalinity/acidity
Ammonia-N
Biological oxygen demand
Chemical oxygen demand
Dissolved oxygen
Hardness
Total organic carbon
Total organic halogen
Total dissolved solids
Total suspended solids

[a]From American Chemical Society system for compounds.
[b]Analyses will be for dissolved metals only.
[c]These parameters are not on the Contract Laboratory Program target compound list, but are included for completeness.

CONTAMINANT PLUME MAPS

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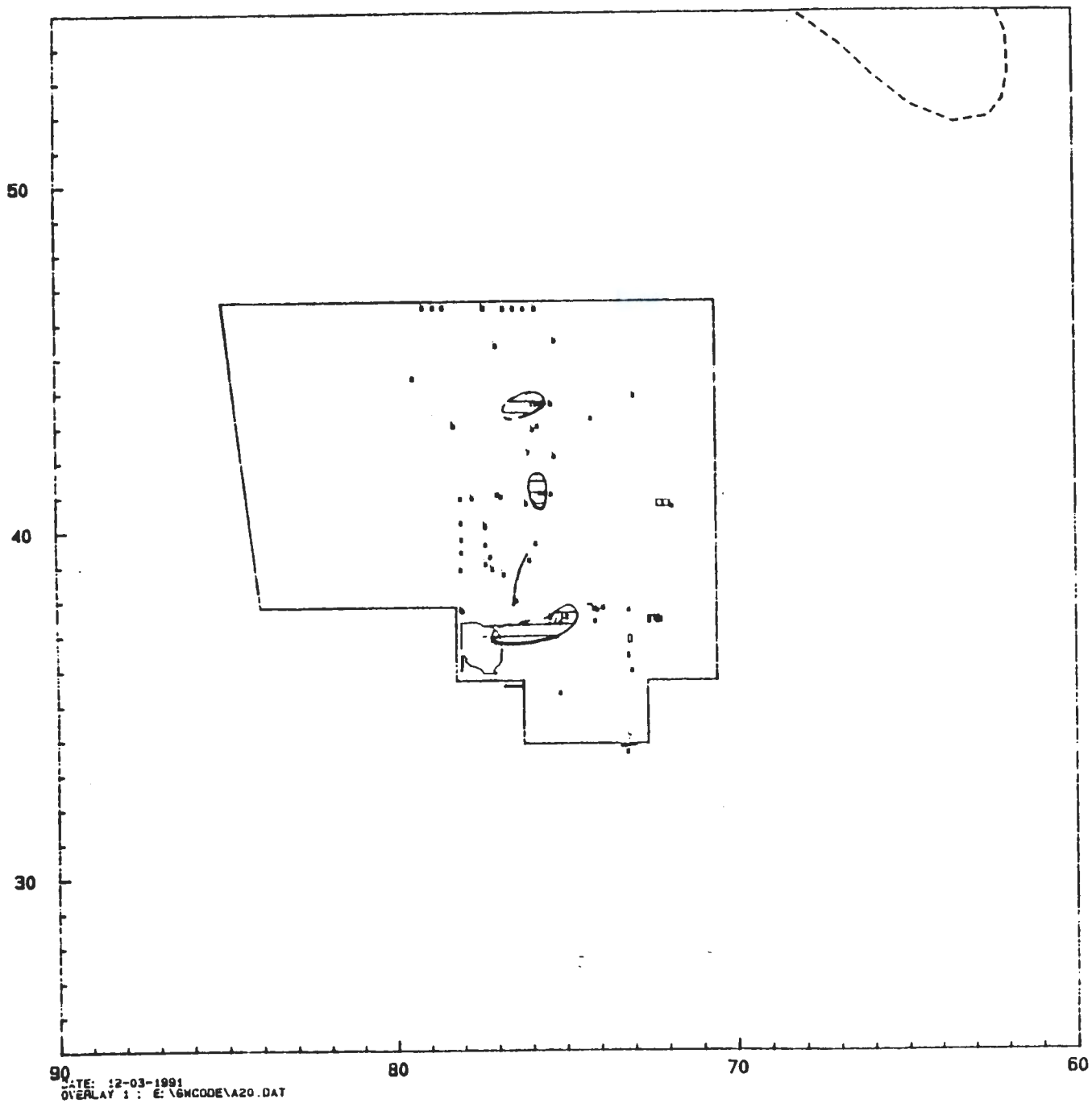


200 AAMS
Arsenic Plume Map
200-West Area
December 1991

Monitoring well symbol and analytical value.

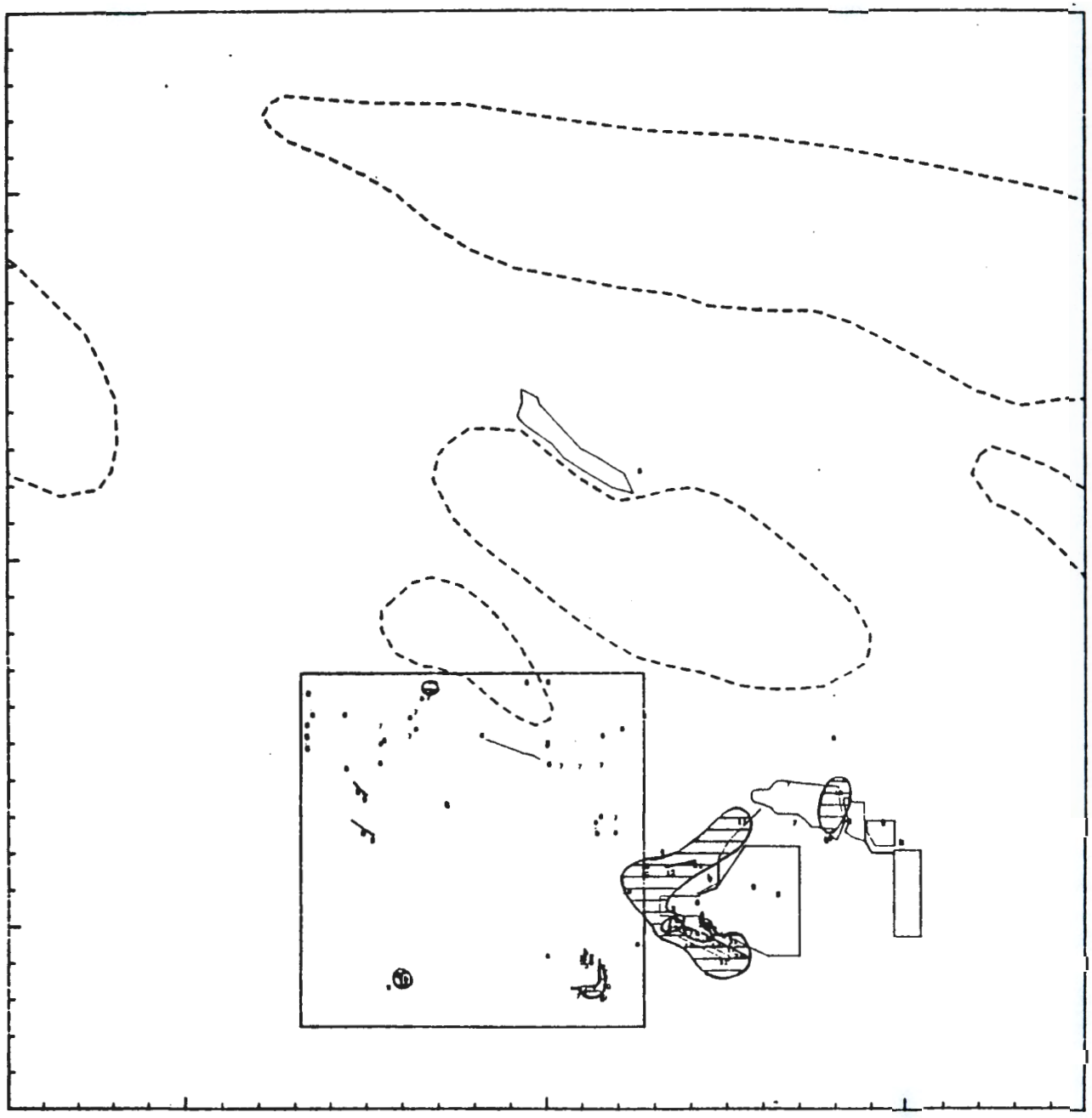
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

10 - 49 ppb

>=50 ppb

Detection limit — 5 ppb
Wa. Water Quality Standard — 0.5 ppb
Drinking Water Standard — 50 ppb
Maximum Concentration Limit — 50 ppb



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200 AAMS
Arsenic Plume Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

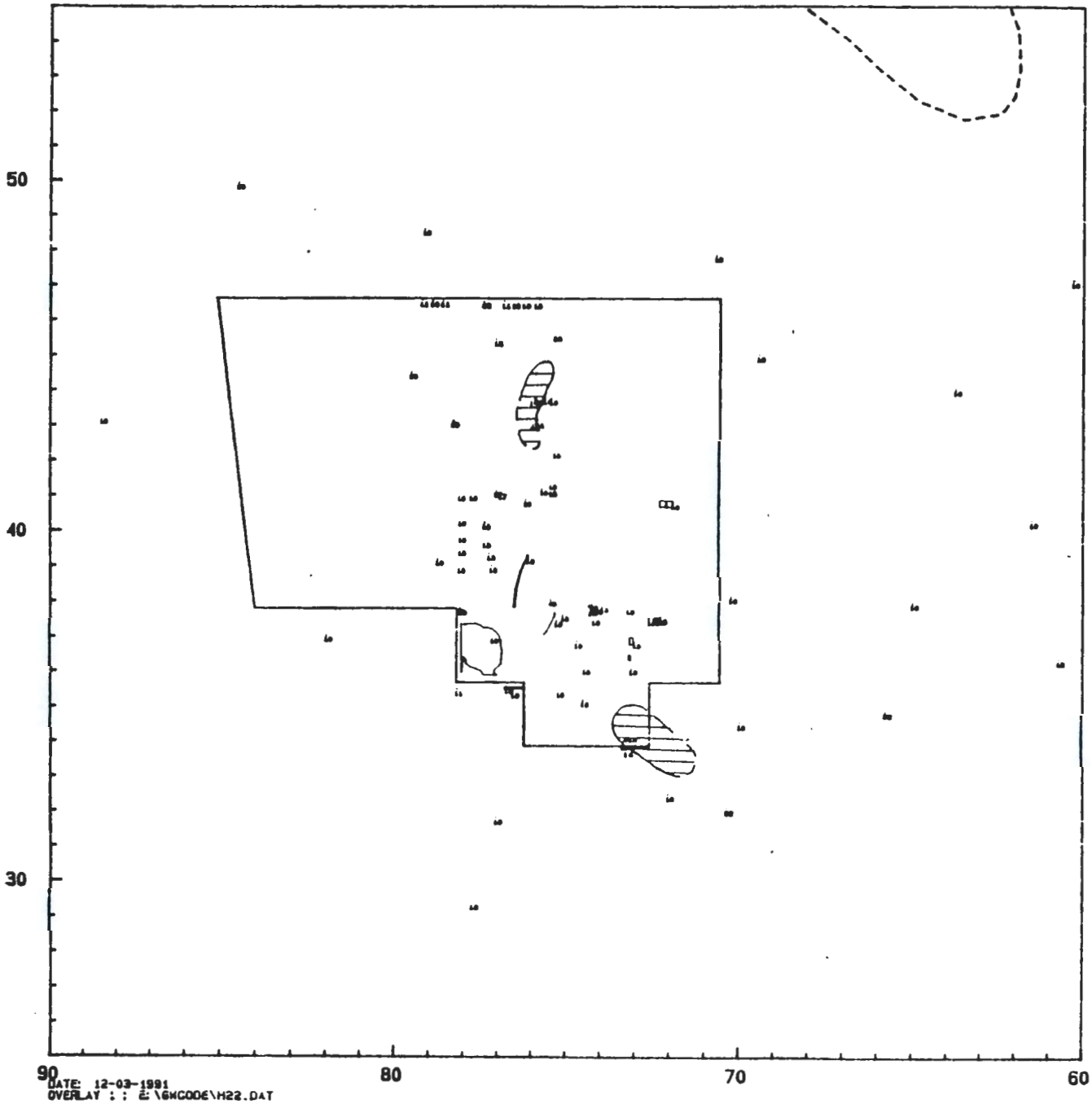
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

10 - 49 ppb

>50 ppb

Detection limit — 5 ppb
Wa. Water Quality Standard — 0.5 ppb
Drinking Water Standard — 50 ppb
Maximum Concentration Limit — 50 ppb



200 AAMS
Chromium Plume Map
200-West Area
December 1991

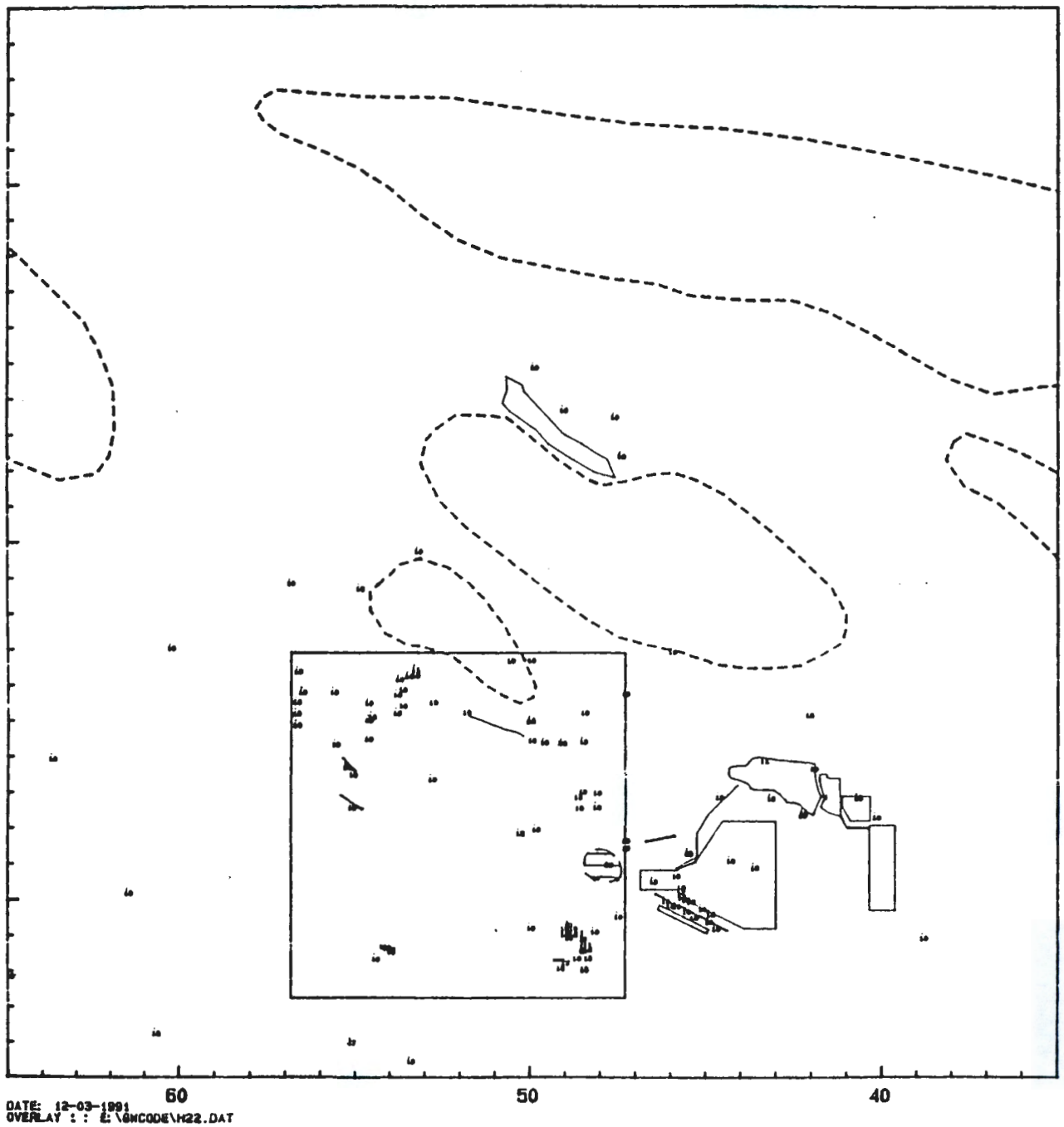
Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

>=50 ppb

Detection limit — 10 ppb
Wa. Water Quality Standard — 50 ppb
Drinking Water Standard — 50 ppb
Maximum Concentration Limit — 50 ppb



200 AAMS
Chromium Plume Map
200-East Area
December 1991

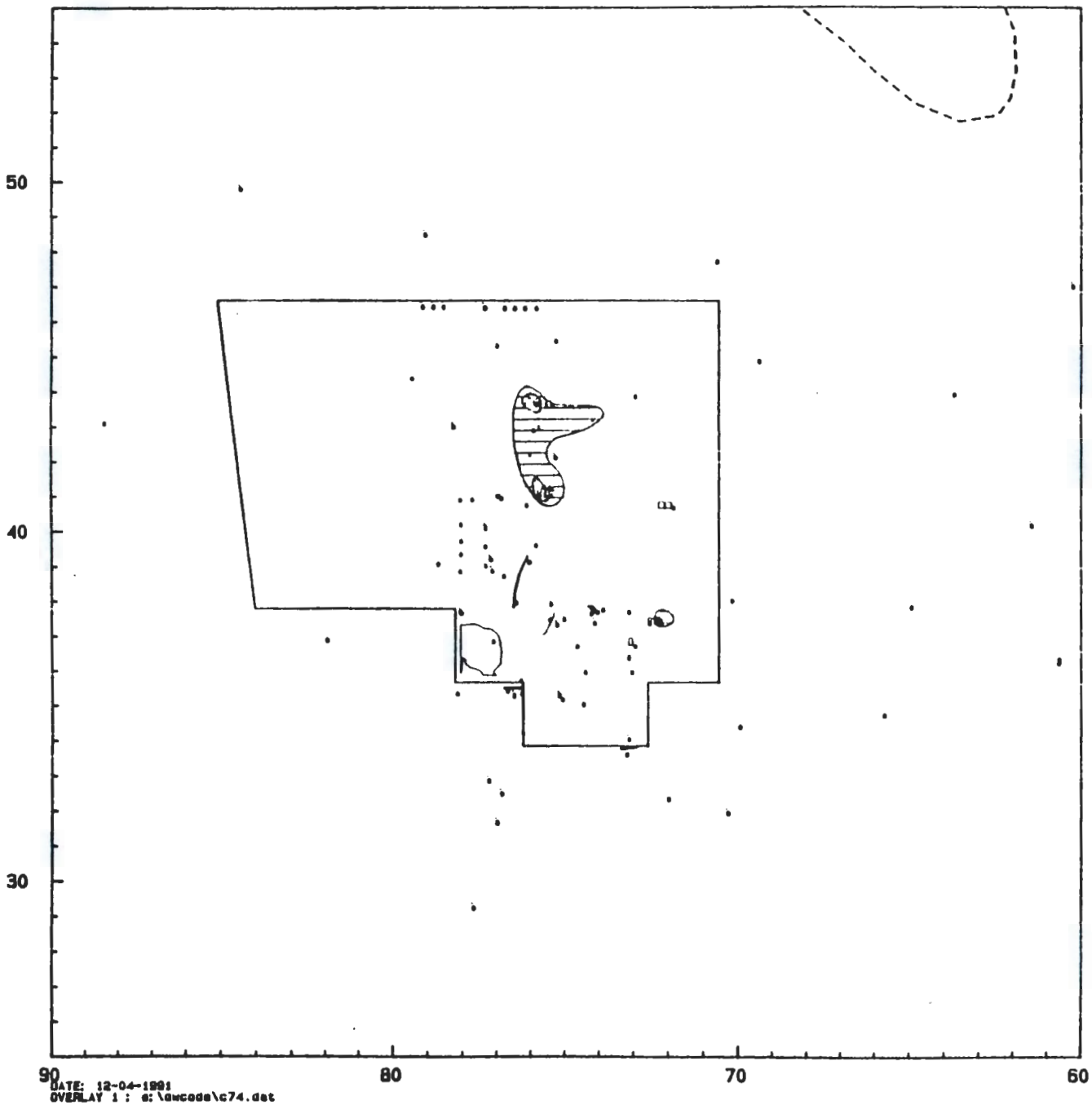
. Monitoring well symbol
7 and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

>=50 ppb

Detection limit — 10 ppb
Wa. Water Quality Standard — 50 ppb
Drinking Water Standard — 50 ppb
Maximum Concentration Limit — 50 ppb



200 AAMS
Fluoride Plume Map
200-West Area
December 1991

. Monitoring well symbol
7 and analytical value.

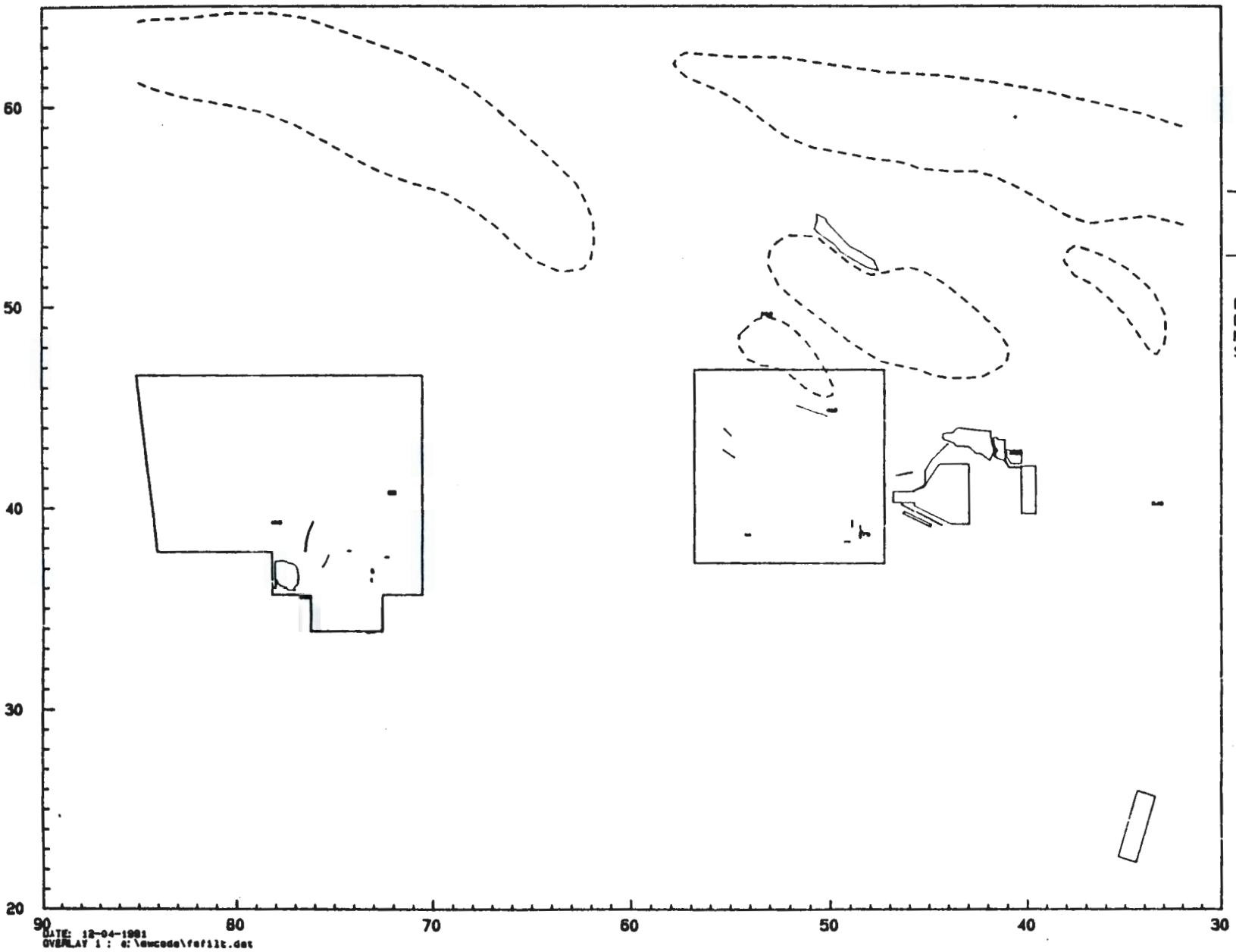
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

1 - 3 ppm

>=4 ppm

Detection limit——————0.5 ppm
Drinking Water Standard——— 4 ppm
Maximum Concentration Limit— 4 ppm



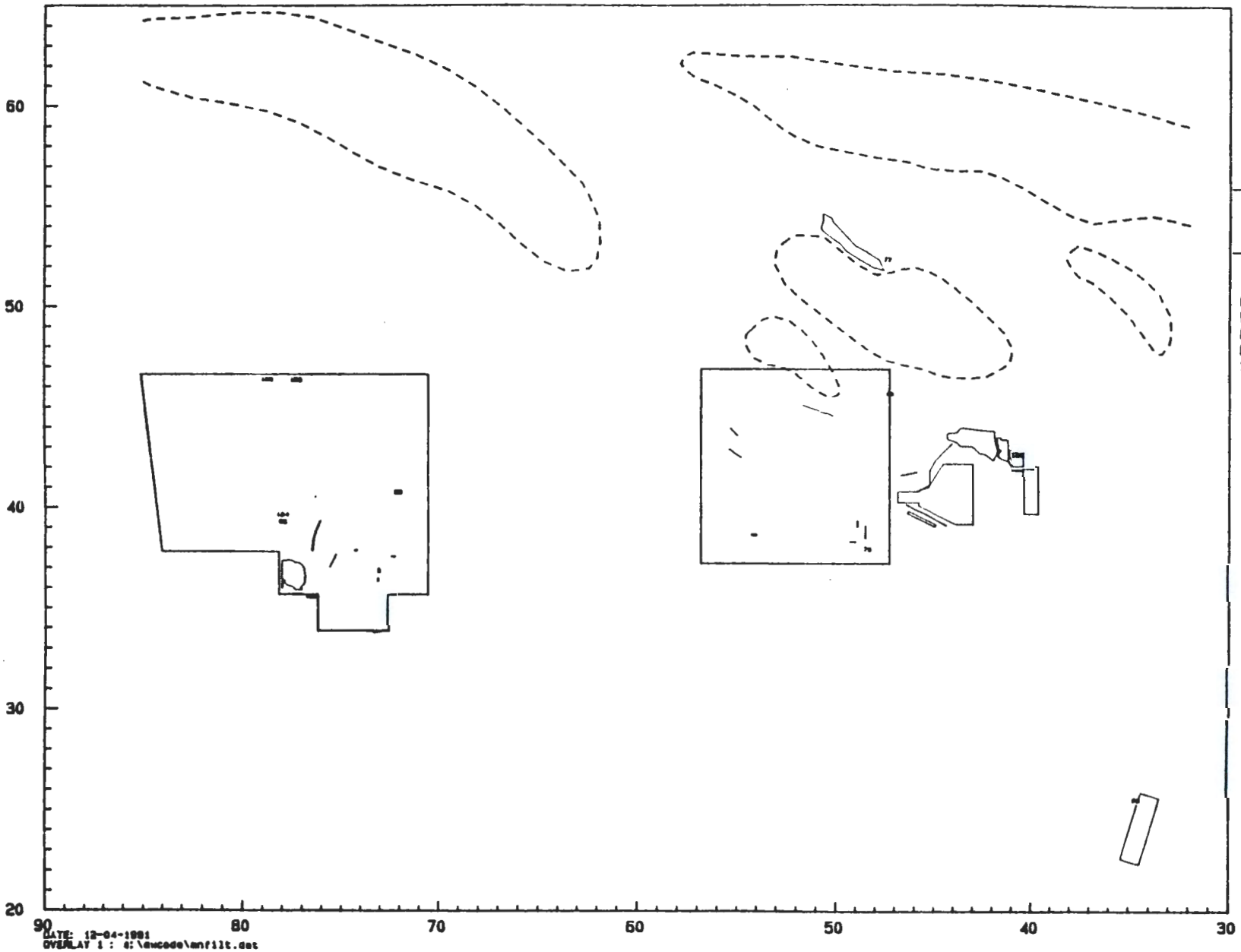
200 AAMS
Iron Detections Map
December 1991

. Monitoring well symbol
7 and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit——————— 30 ppb
Drinking Water Standard———300 ppb
Maximum Concentration Limit—300 ppb
Secondary MCL——————————300 ppb



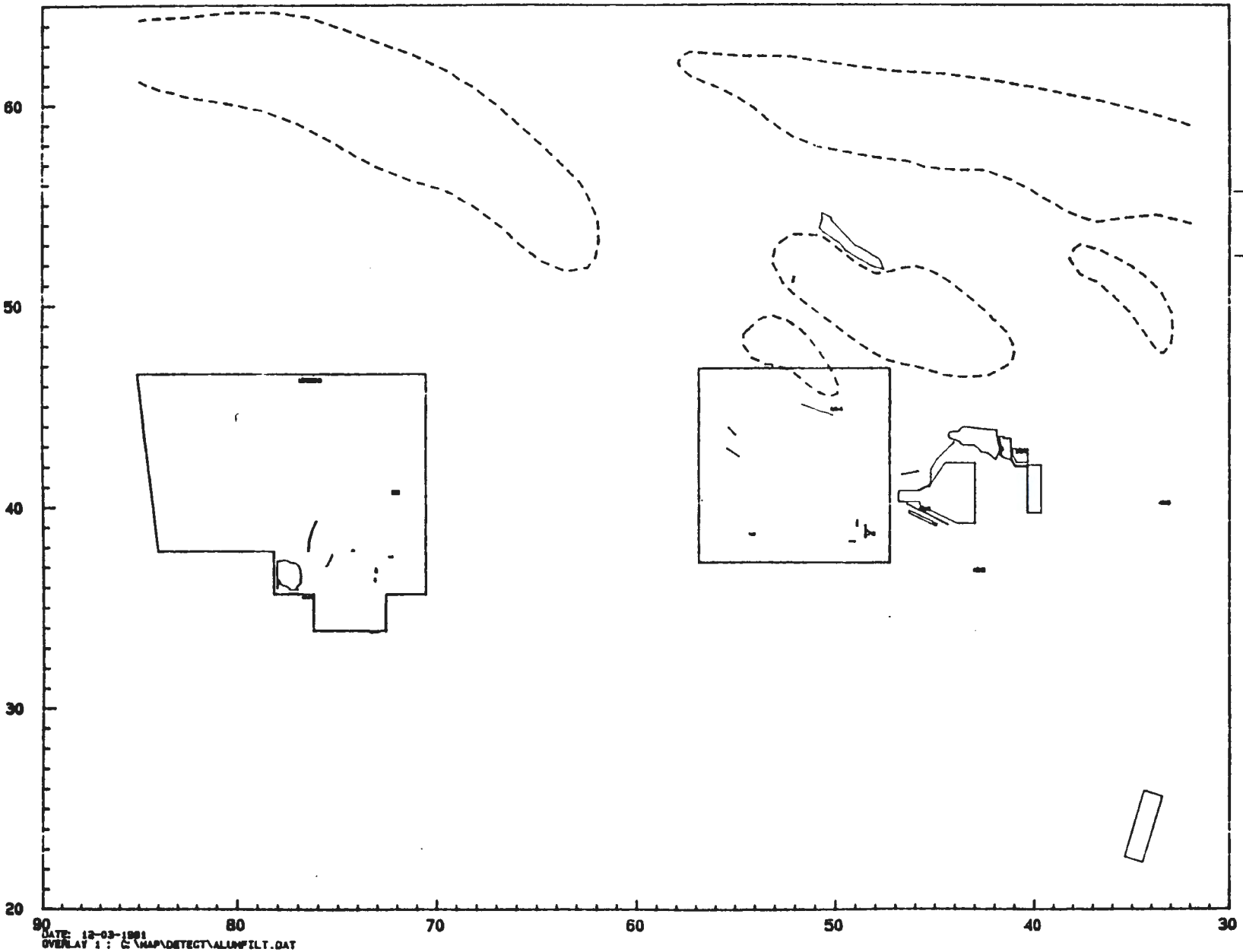
200 AAMS
Manganese Detections Map
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit	5 ppb
Wa. Water Quality Standard	50 ppb
Drinking Water Standard	50 ppb
Maximum Concentration Limit	50 ppb
Secondary MCL	50 ppb



200 AAMS
Aluminum Detections Map
December 1991

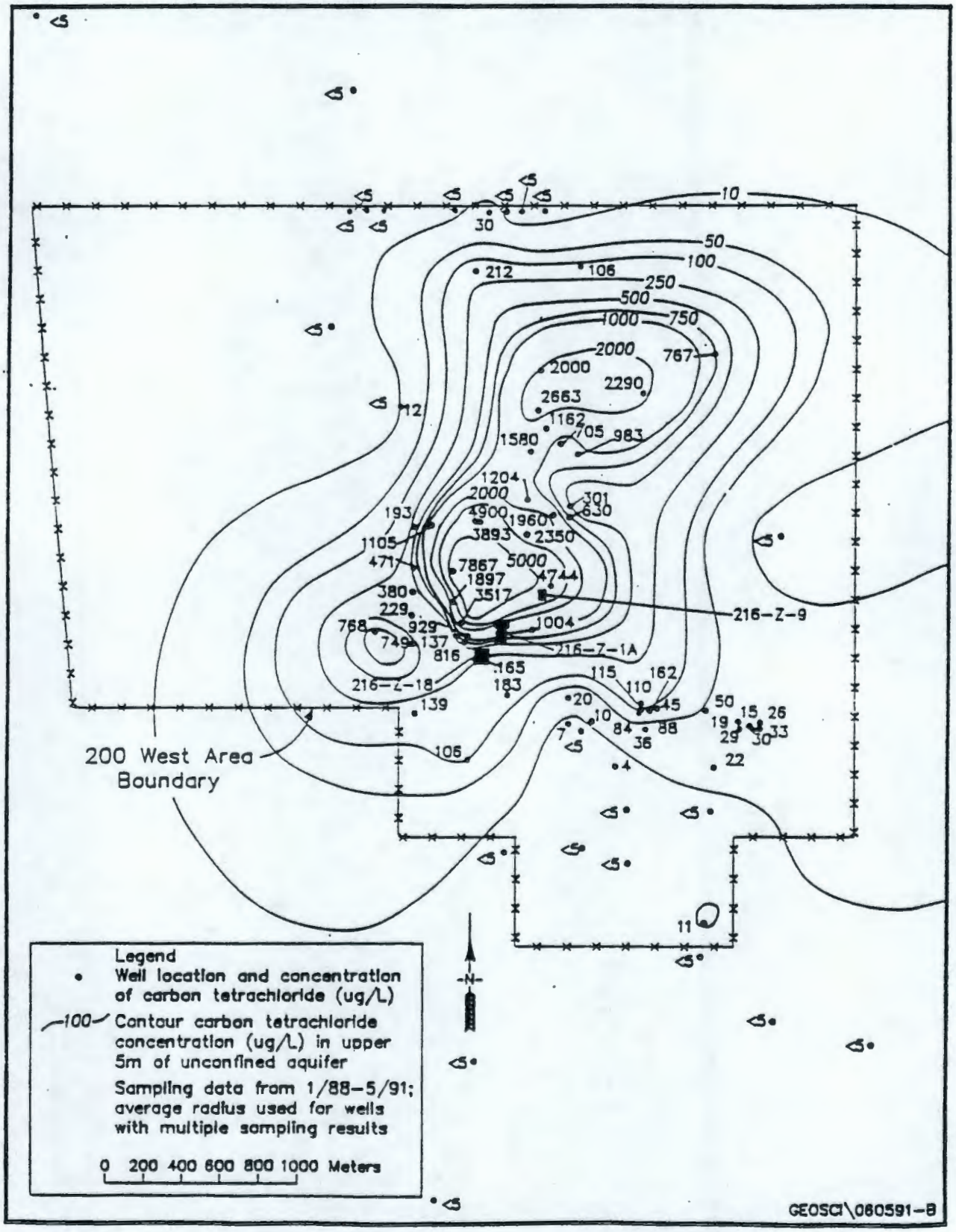
Monitoring well symbol and analytical value.

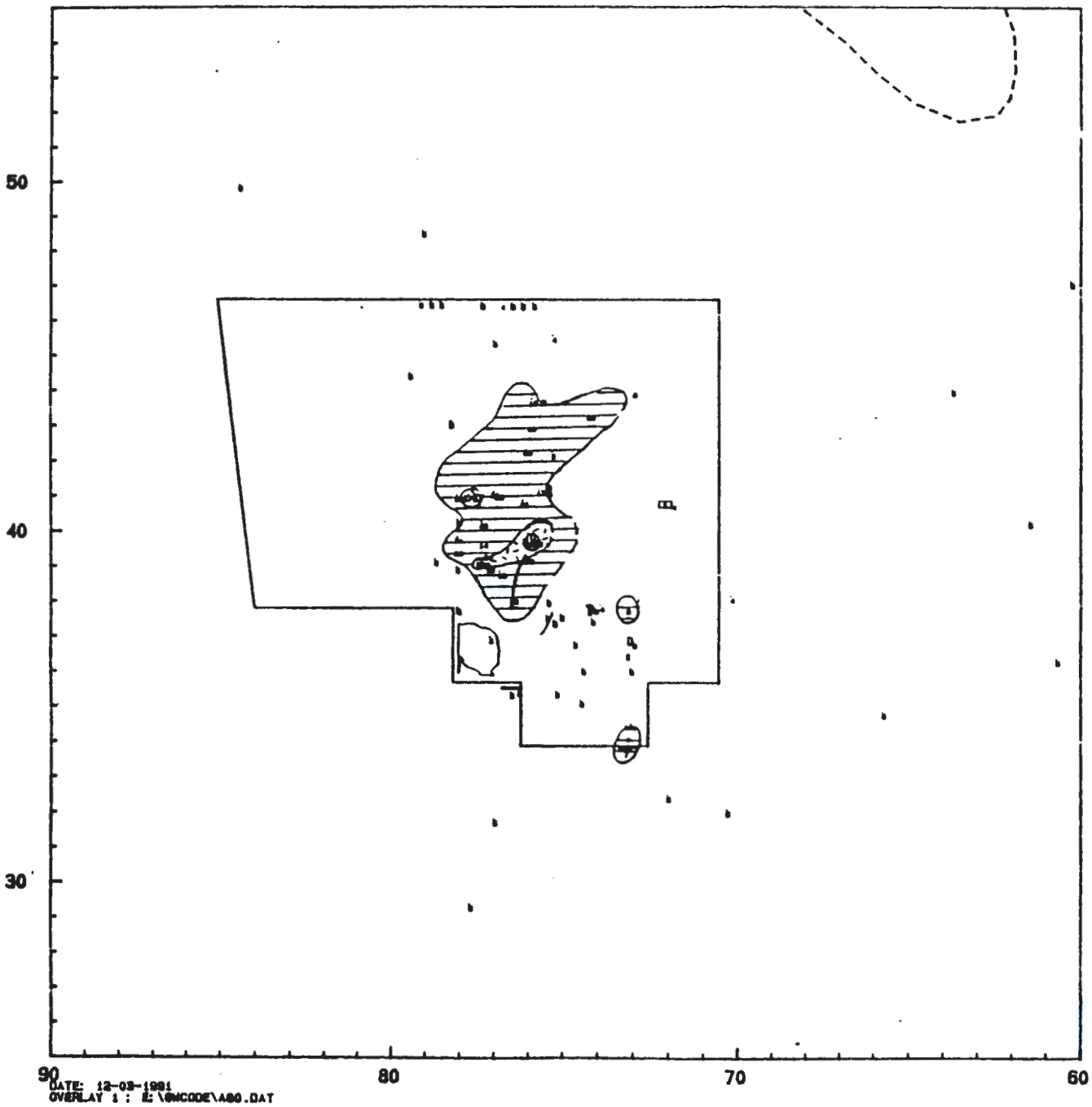
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit — 150 ppb
Drinking Water Standard — 50 ppb

Figure B-27. Carbon Tetrachloride Concentration Contours in the 200 West Area Ground Water, 1988-1991.





200 AAMS
Chloroform Plume Map
200-West Area
December 1991

Monitoring well symbol and analytical value.

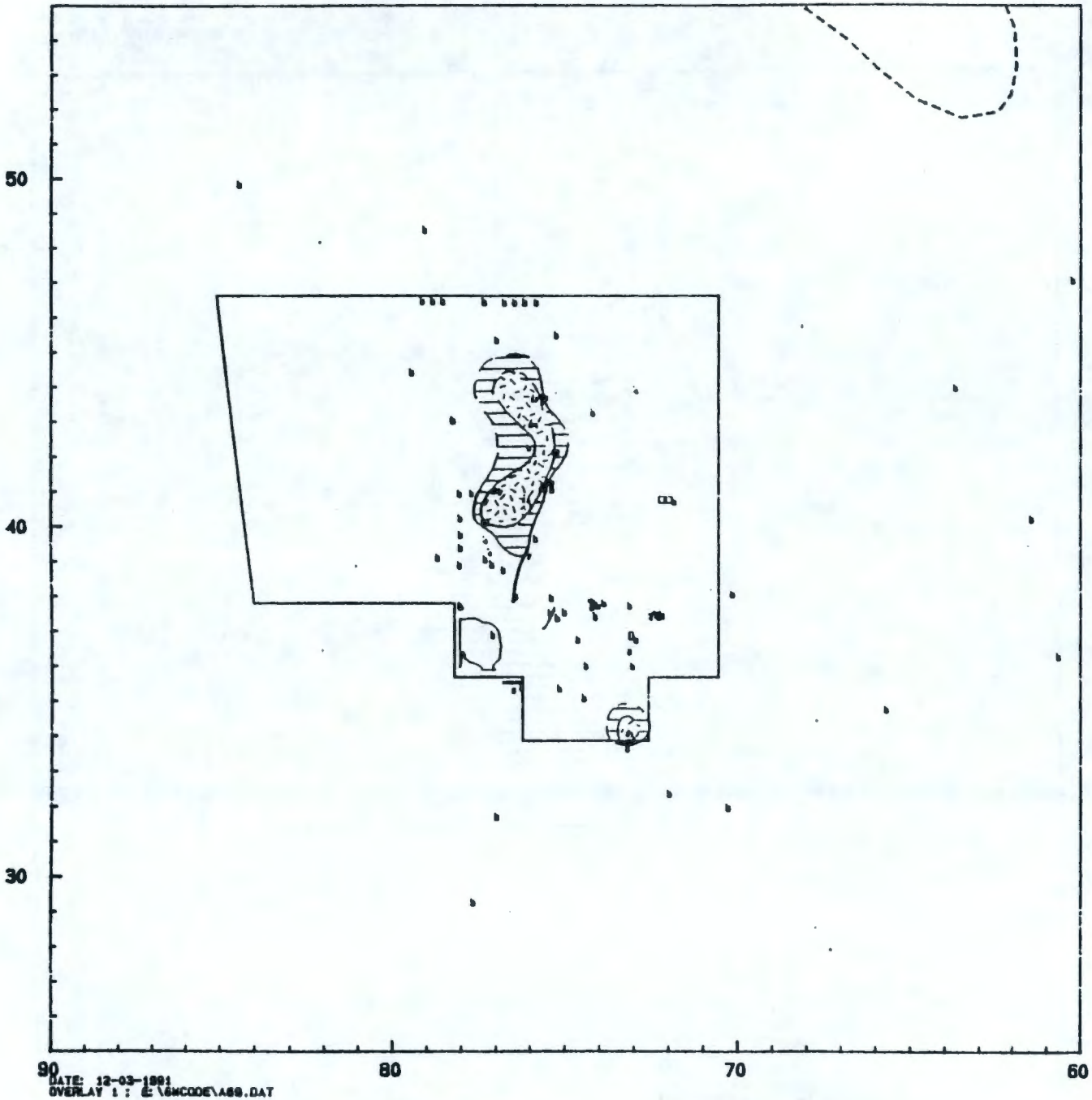
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

7 - 69 ppb

>=70 ppb

Detection limit——————— 5 ppb
Wa. Water Quality Standard—— 7 ppb
Drinking Water Standard———100 ppb
Maximum Concentration Limit—100 ppb



200 AAMS
Trichloroethylene Plume Map
200-West Area
December 1991

. 7 Monitoring well symbol and analytical value.

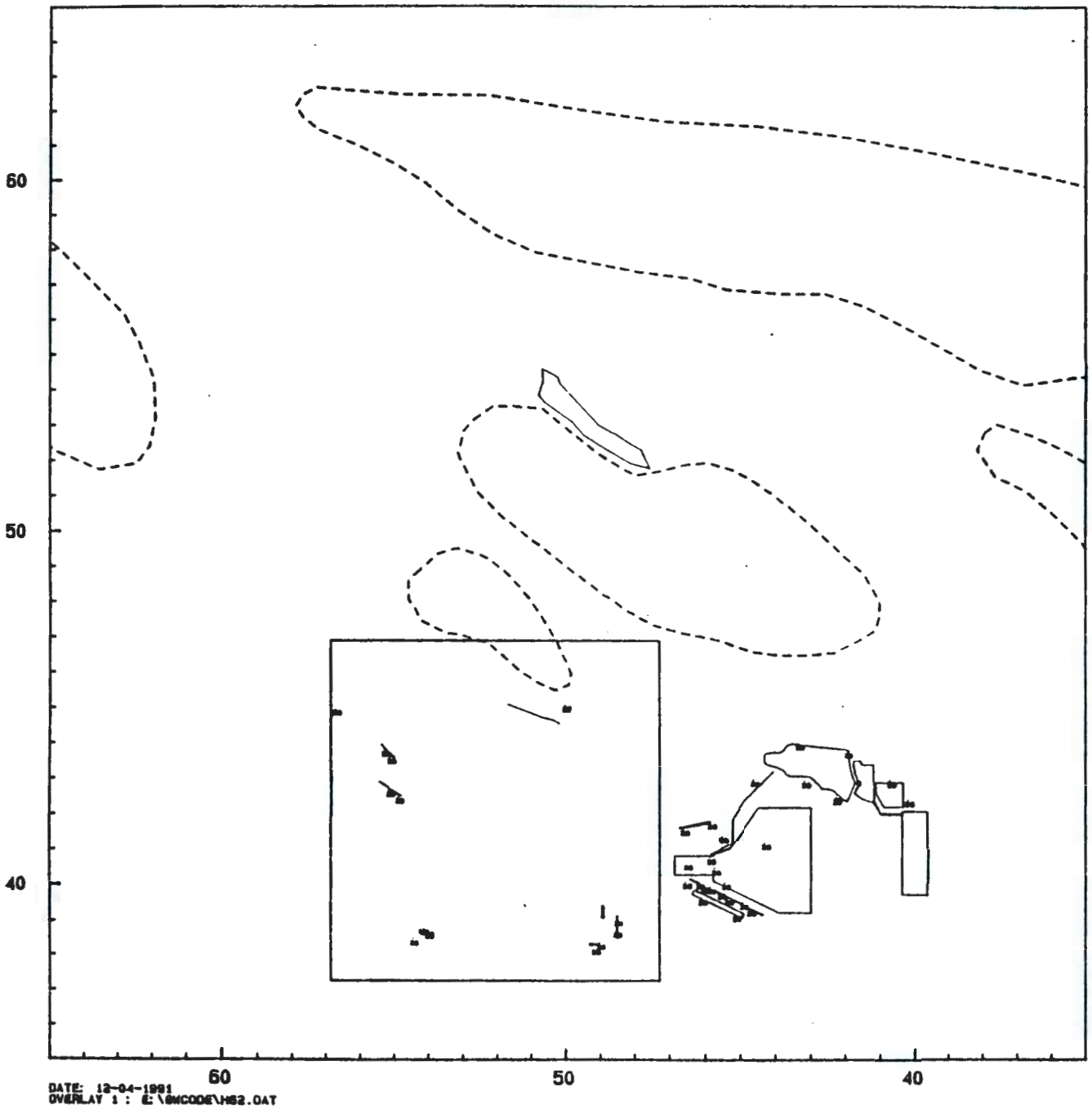
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

7-9 ppb

>=10 ppb

Detection limit 5 ppb
Wa. Water Quality Standard 3 ppb
Drinking Water Standard 5 ppb



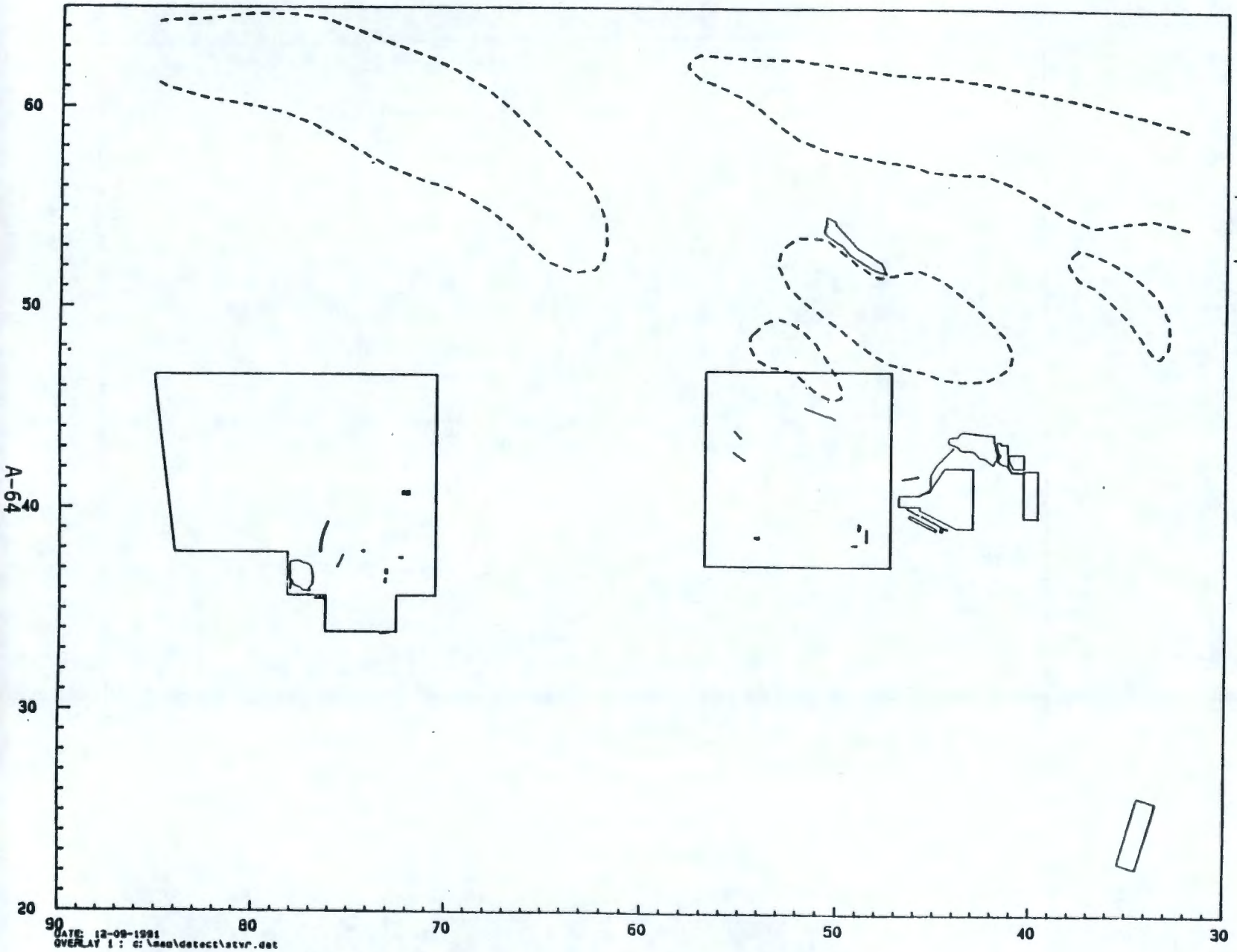
200 AAMS
Hydrazine Detections Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit——————— 30 ppb
Wa. Water Quality Standard——0.3 ppb



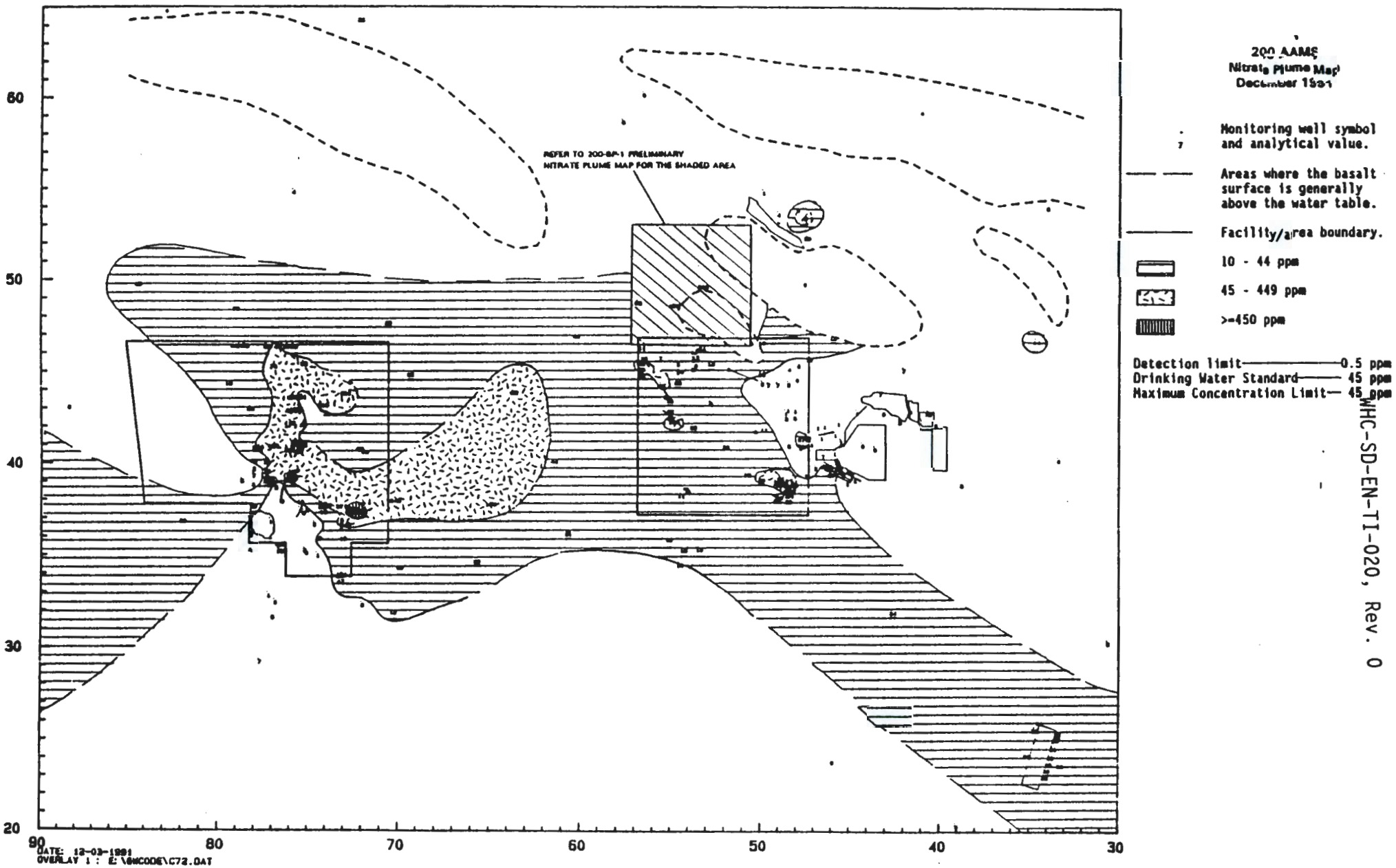
200 AAMS
Styrene Detections Map
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

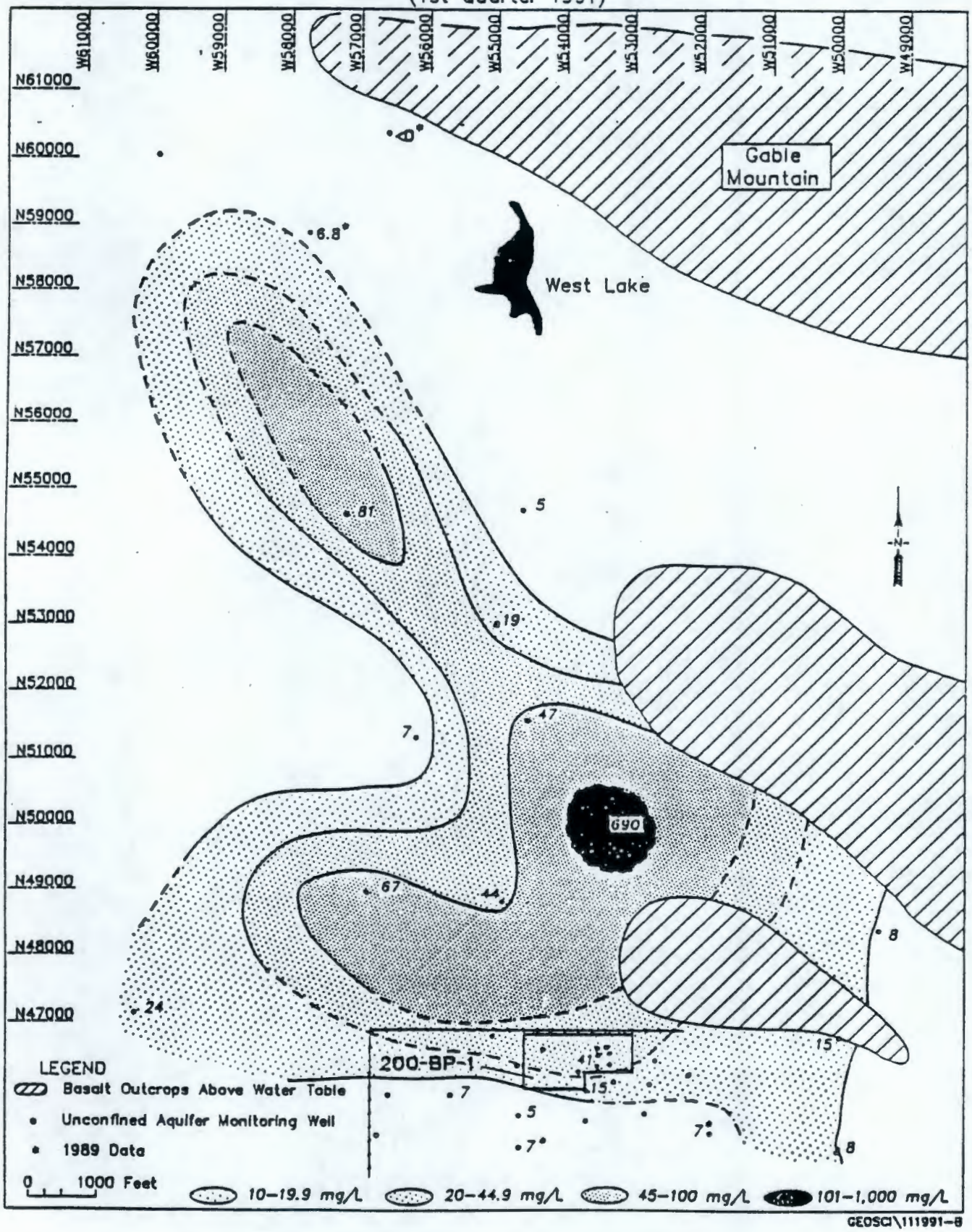
Facility/area boundary.

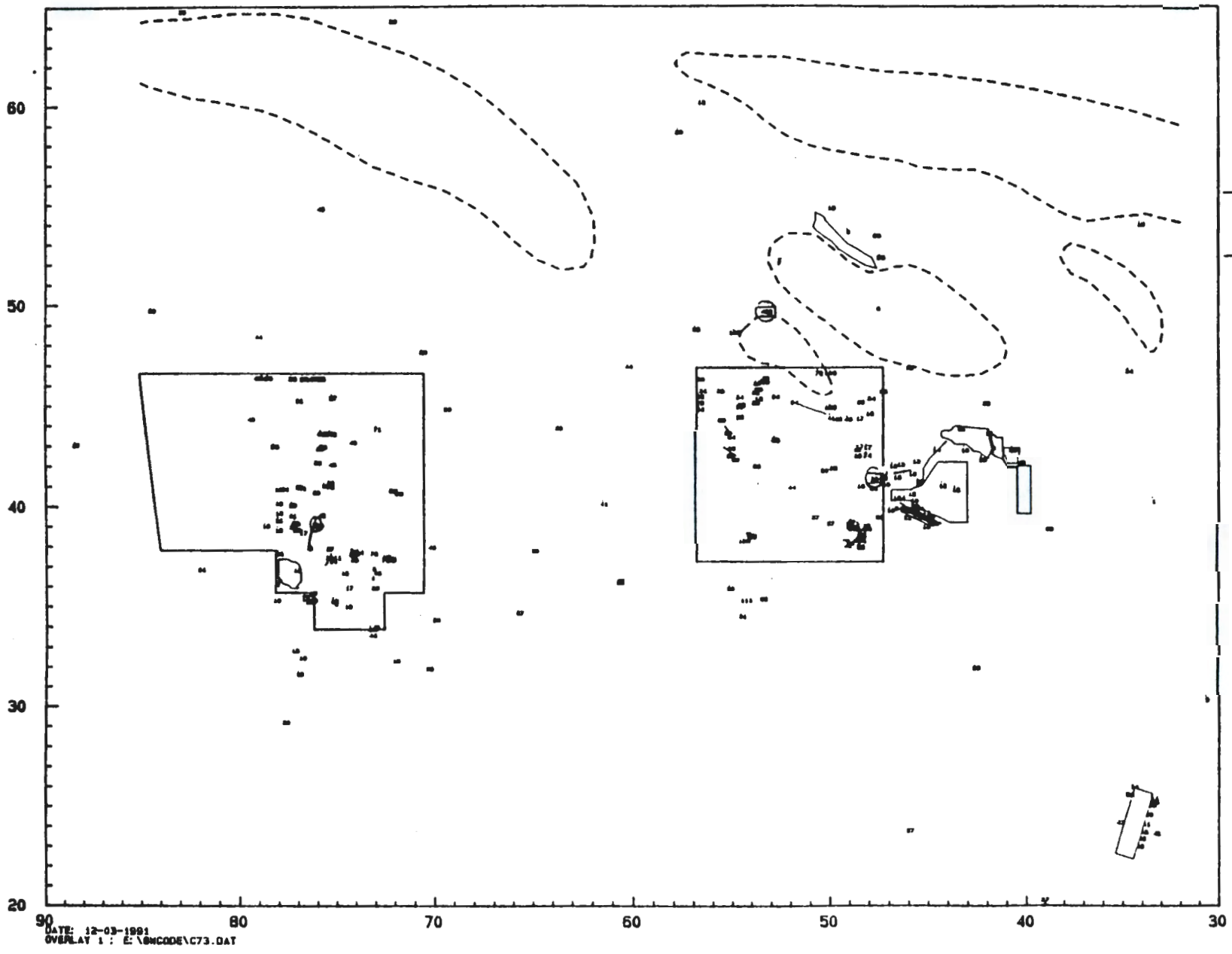
Detection limit——— 5 ppb
Drinking Water Standard——— 50 ppb


200 AAMS
Nitrate Plume Map
December 1991
Monitoring well symbol and analytical value.
Areas where the basalt surface is generally above the water table.
Facility/area boundary.
10 - 44 ppm
45 - 449 ppm
>=450 ppm
Detection limit 0.5 ppm
Drinking Water Standard 45 ppm
Maximum Concentration Limit 45 ppm
REFER TO 200-BP-1 PRELIMINARY NITRATE PLUME MAP FOR THE SHADED AREA
60
50
40
30
20
90
80
70
60
50
40
30
DATE: 12-03-1991
OVERLAY 1 : E:\BMCODE\C72.DAT

Preliminary Plume Map - Nitrate

(1st Quarter 1991)





200 AAMS
Sulfate Plume Map
December 1991

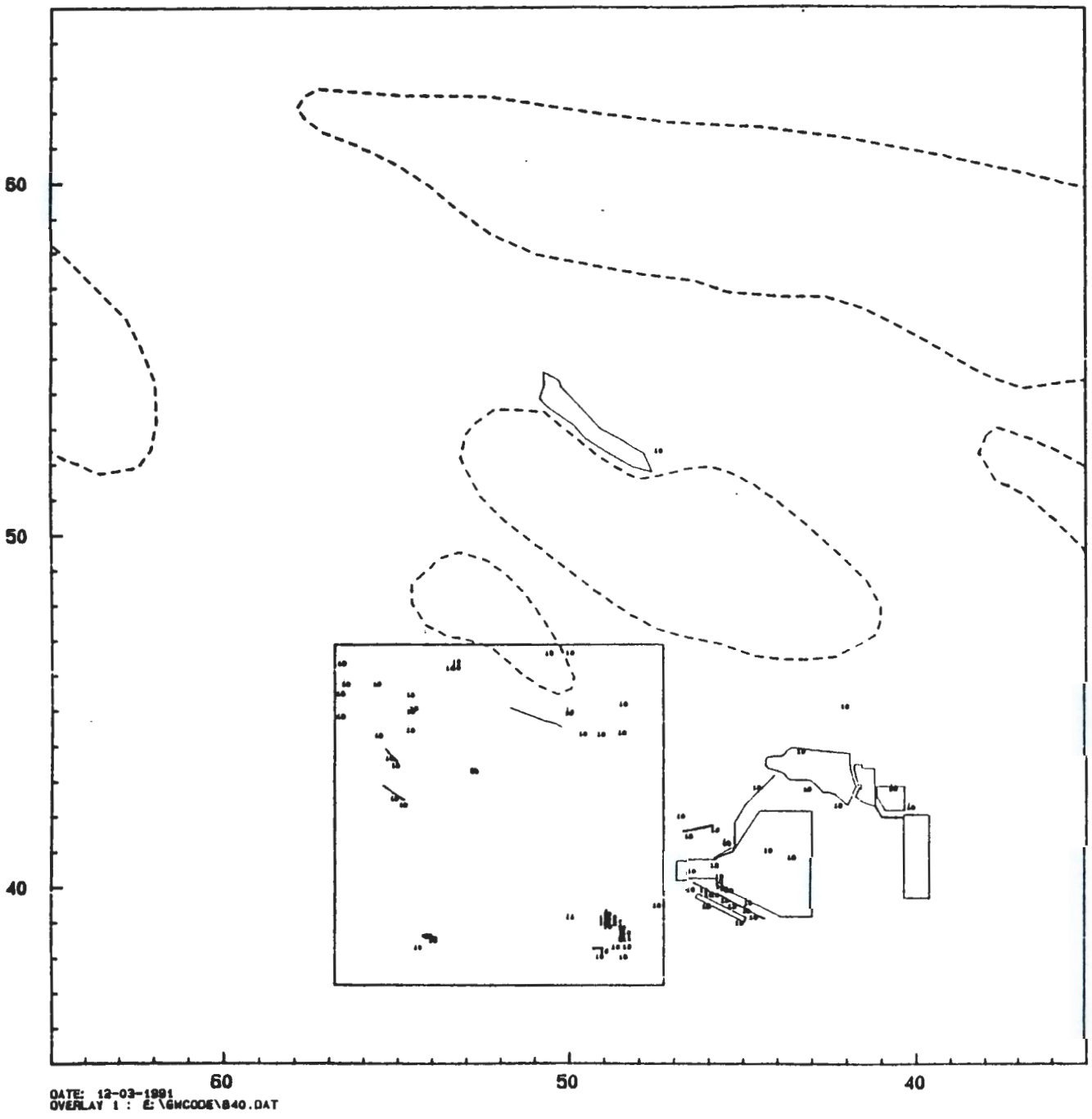
Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

>=250 ppm

Detection limit——0.5 ppm
Wa. Water Quality Standard——250 ppm
Drinking Water Standard——250 ppm
Maximum Concentration Limit——250 ppm



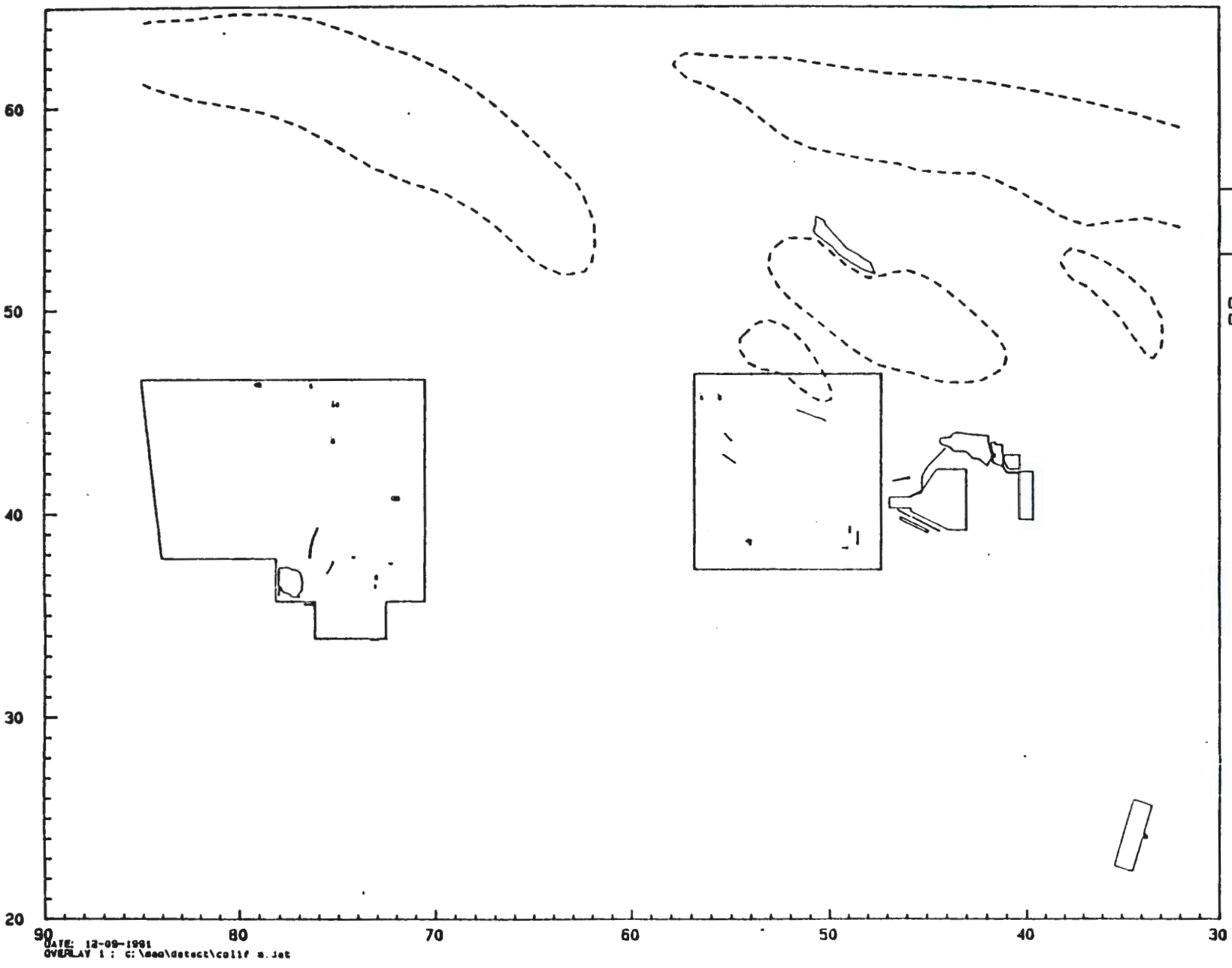
200 AAMS
Bis(2-ethylhexyl)phthalate
Detections Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit——————— 10 ppb
Wa. Water Quality Standard——0.5 ppb



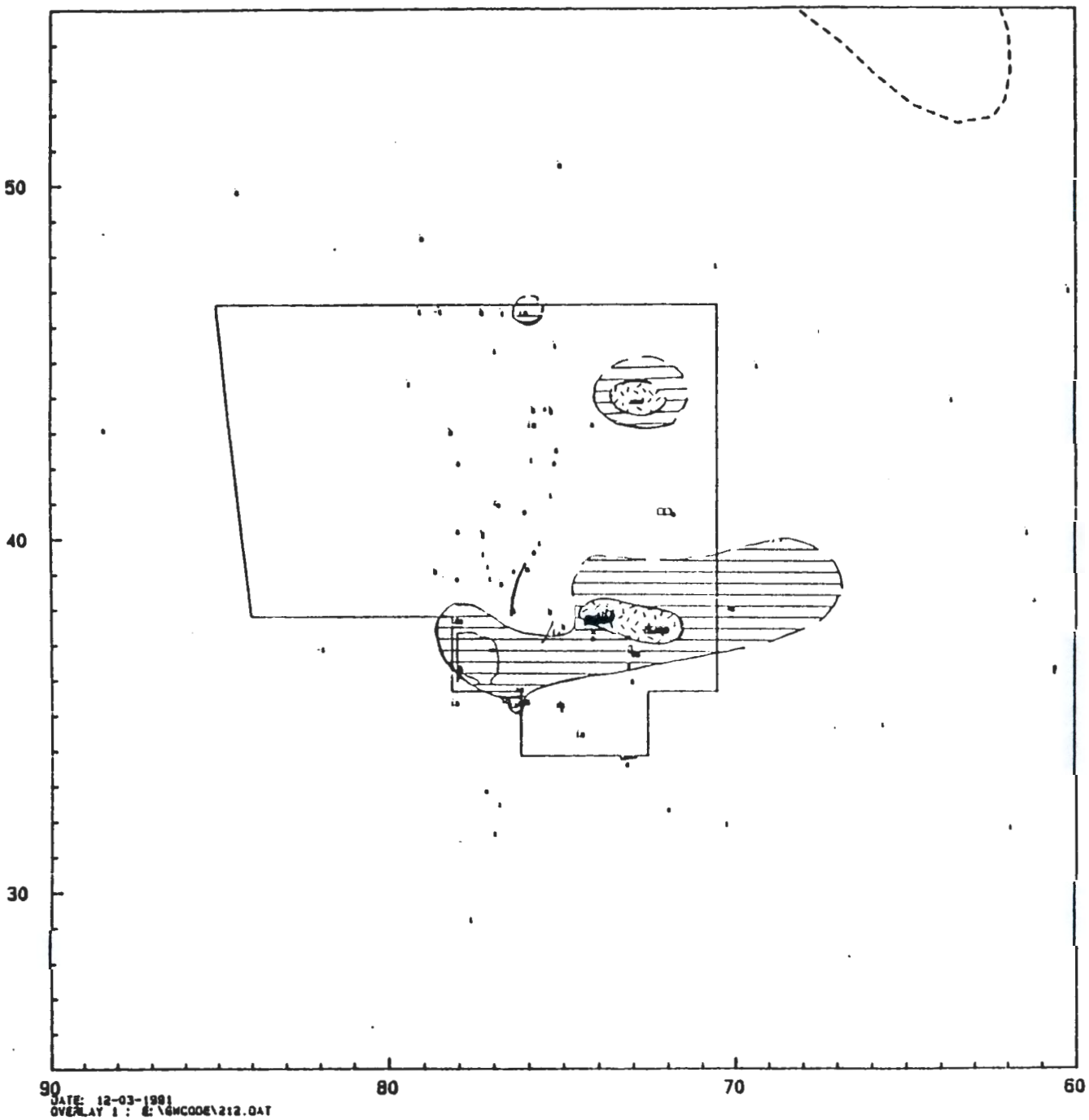
200 AAMS
Coliform Detections Map
December 1991

. Monitoring well symbol
; and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

Detection limit — 1 ppb
Drinking Water Standard — 1 ppb



200 AAMS
Gross Alpha Plume Map
200-West Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

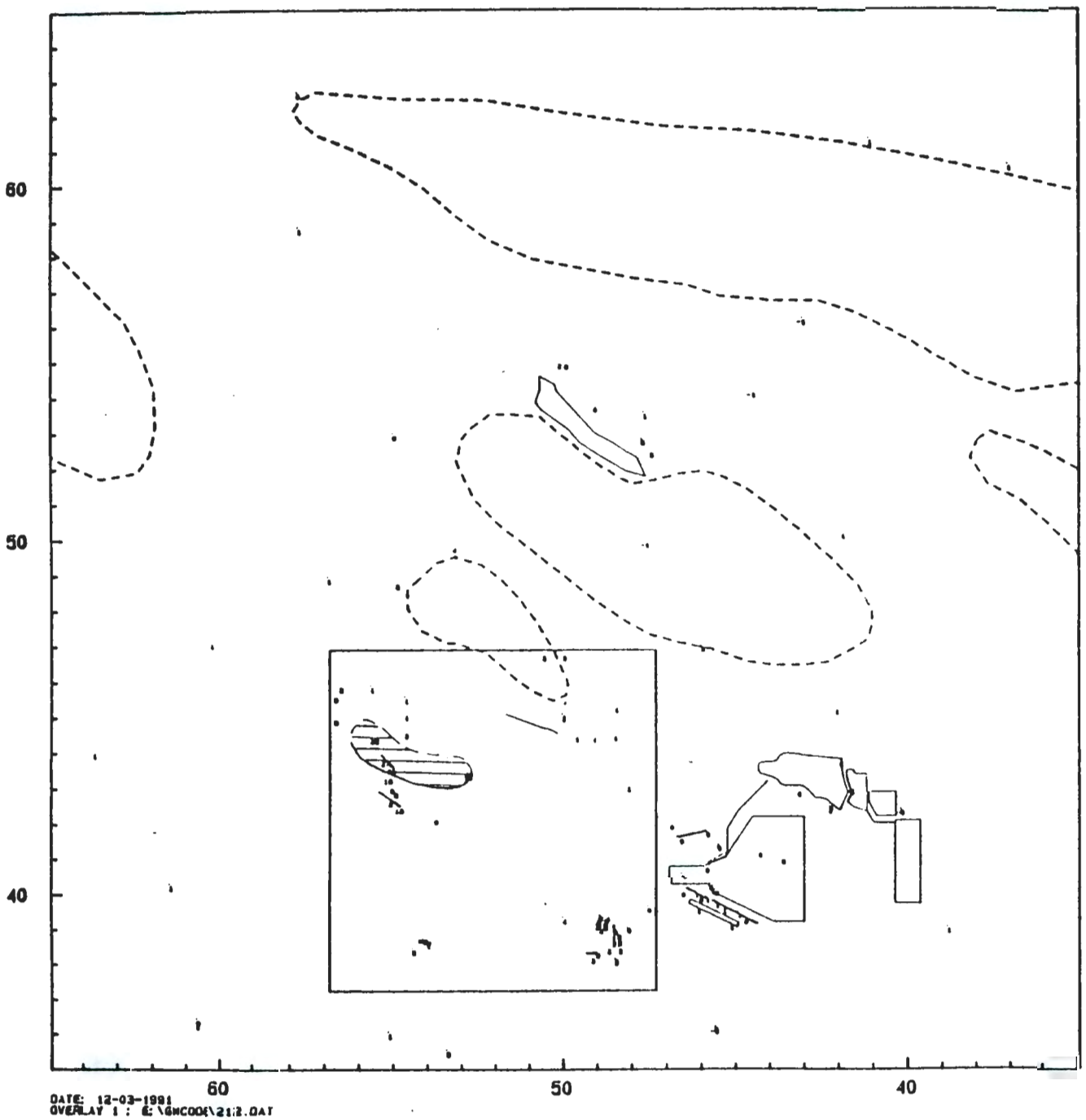
Facility/area boundary.

15 - 149 pCi/L

150 - 1499 pCi/L

>=1500 pCi/L

Detection limit — 4 pCi/L
Drinking Water Standard — 15 pCi/L
Wa. Water Quality Standard — 15 pCi/L



200 AAMS
Gross Alpha Plume Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

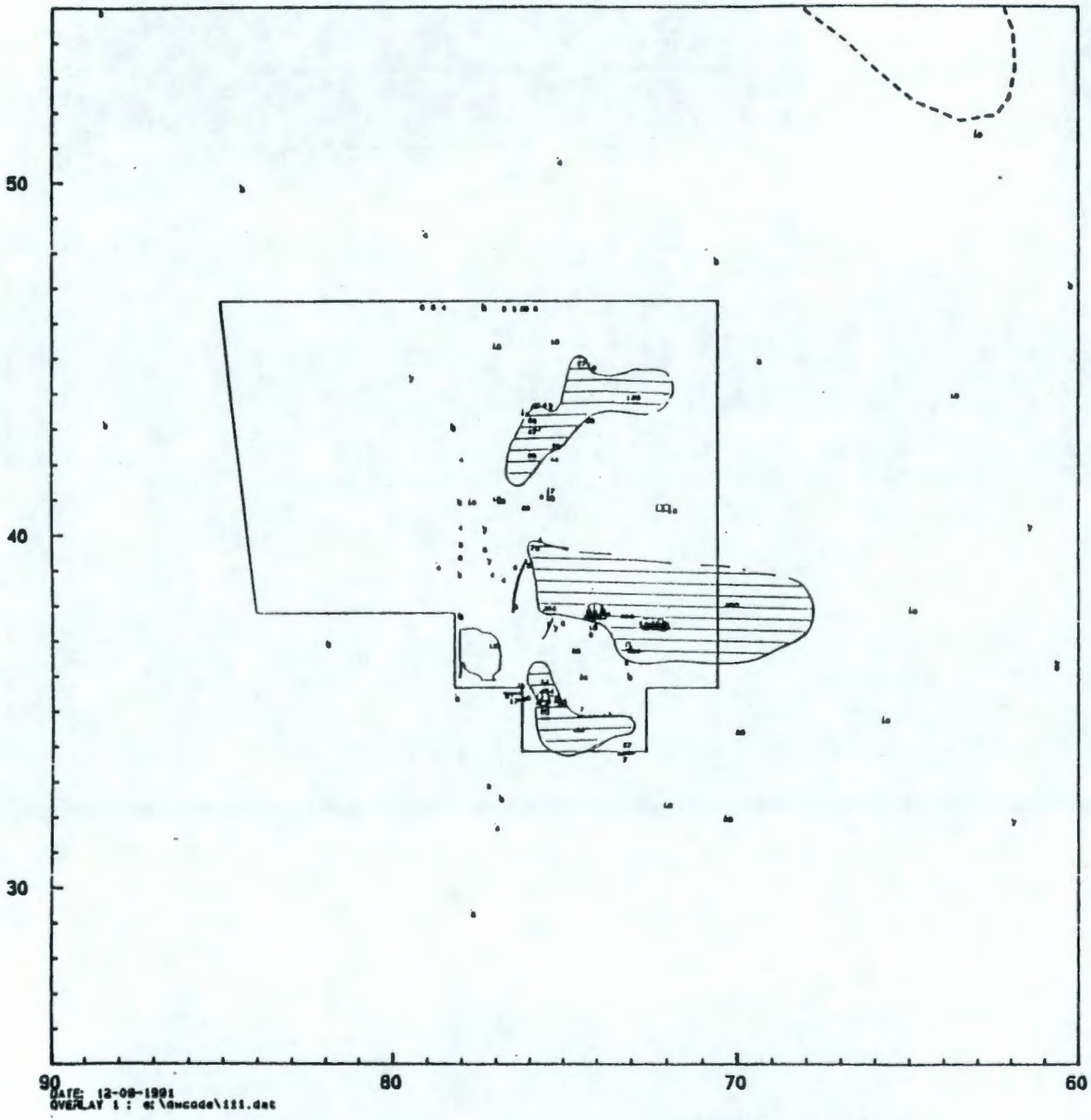
Facility/area boundary.

15 - 149 pCi/L

150 - 1499 pCi/L

>=1500 pCi/L

Detection limit — 4 pCi/L
Drinking Water Standard — 15 pCi/L
Wa. Water Quality Standard — 15 pCi/L



200 AAMS
Gross Beta Plume Map
200-West Area
December 1991

Monitoring well symbol and analytical value.

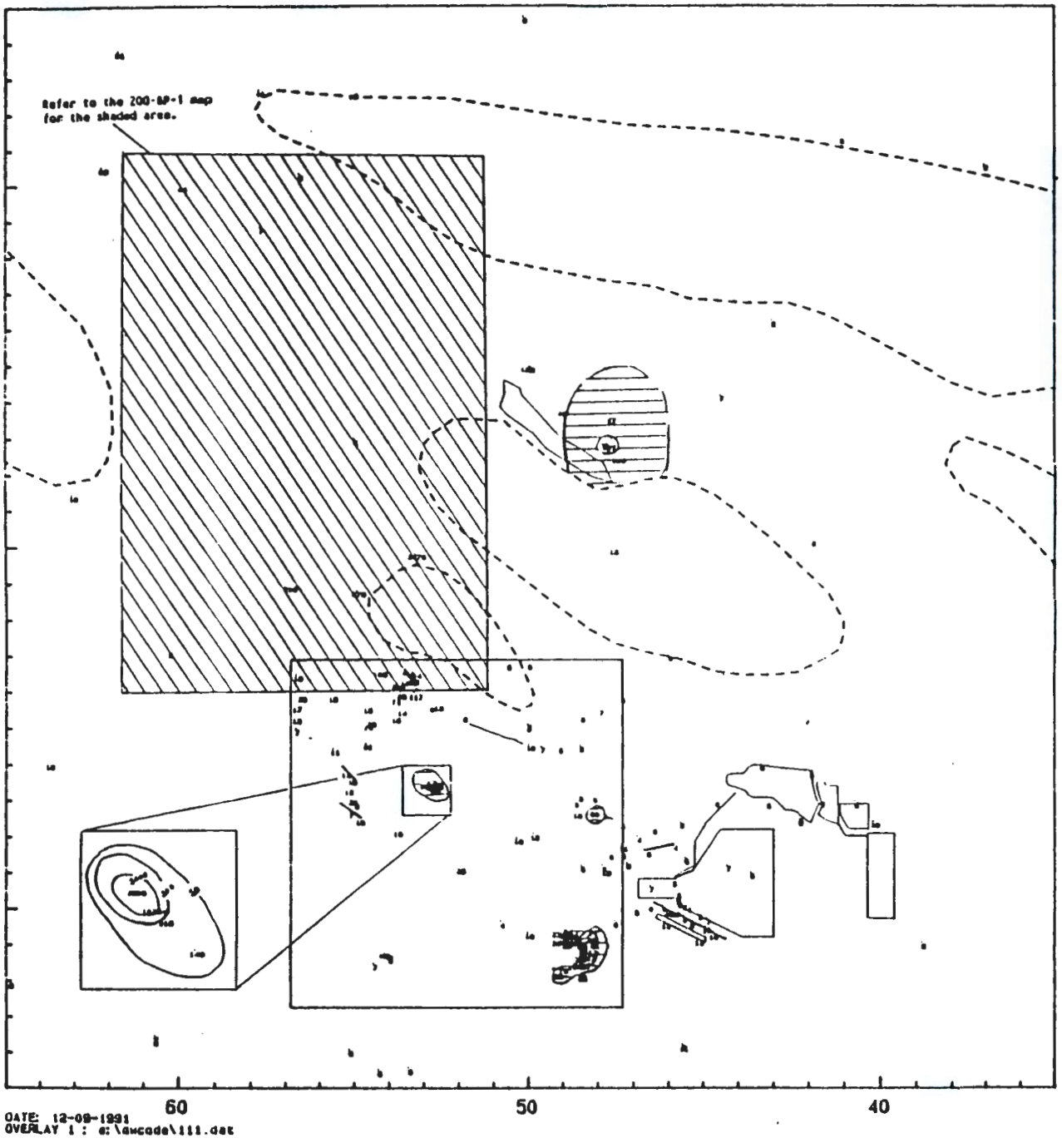
Areas where the basalt surface is generally above the water table.

Facility/area boundary.

50 - 499 pCi/L

>=500 pCi/L

Detection limit — 8 pCi/L
Drinking Water Standard — 50 pCi/L
Wa. Water Quality Standard — 50 pCi/L



200 AAMS
Gross Beta Plume Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

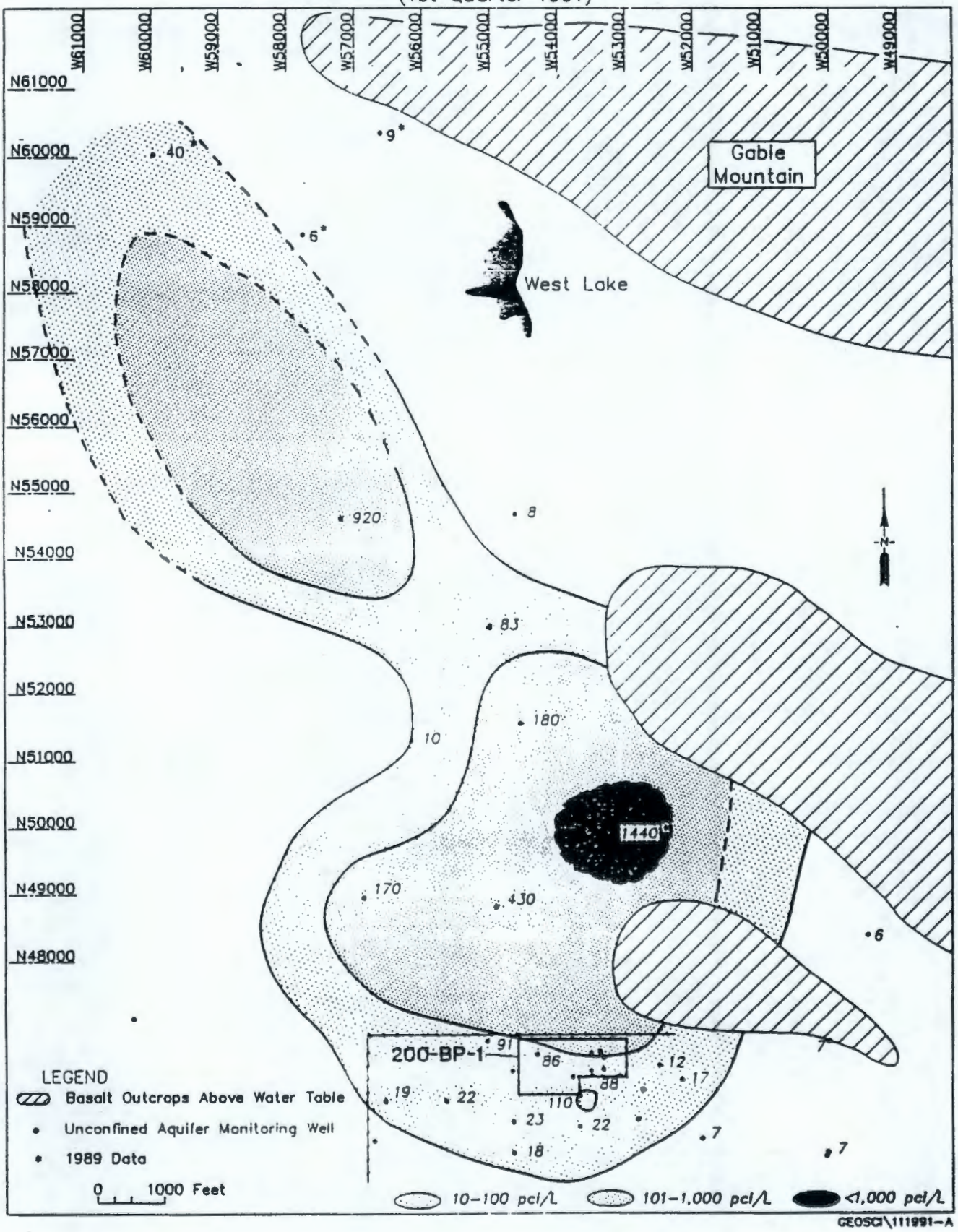
50 - 499 pCi/L

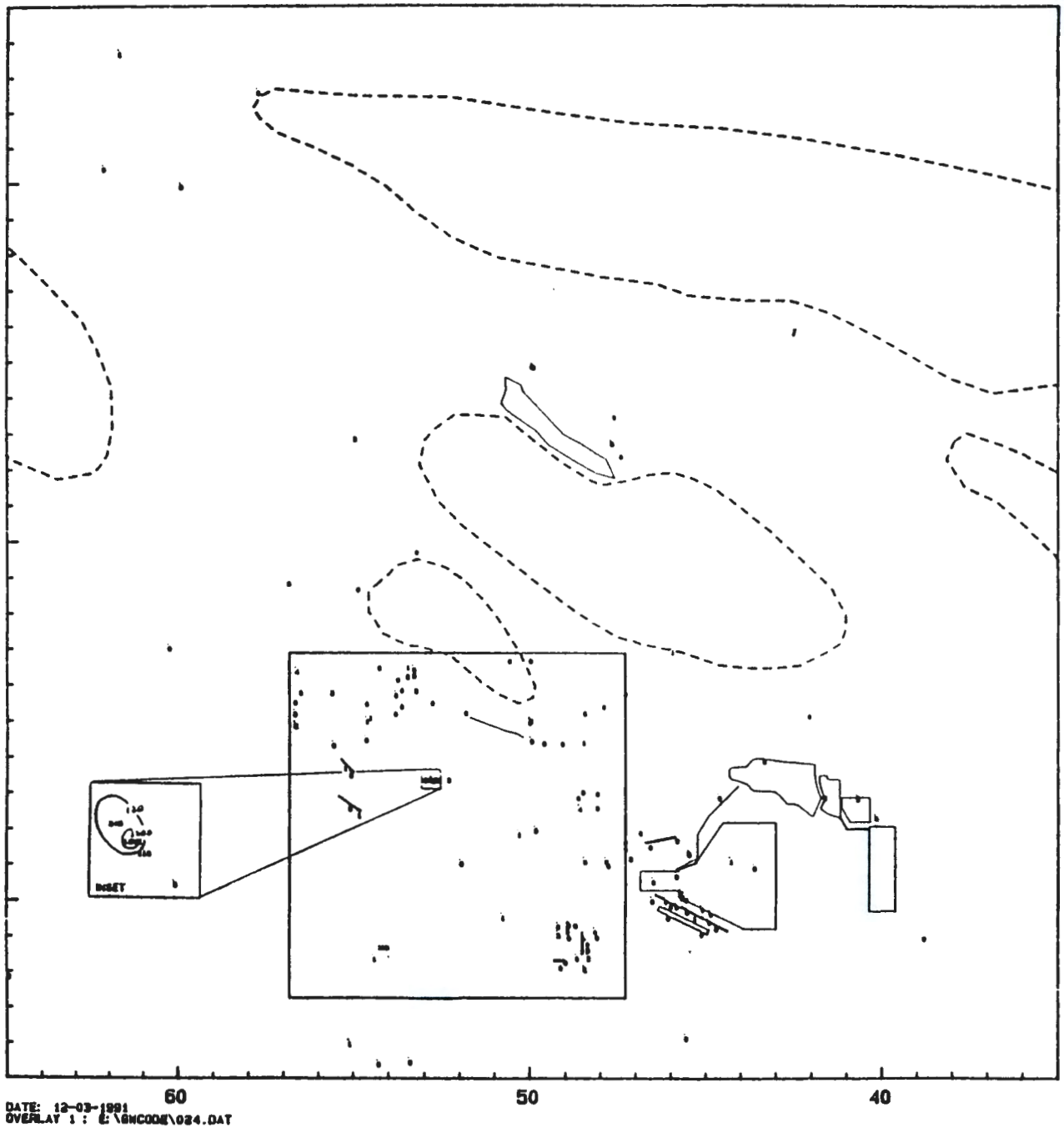
>=500 pCi/L

Detection limit — 8 pCi/L
Drinking Water Standard — 50 pCi/L
Wa. Water Quality Standard — 50 pCi/L

Preliminary Plume Map - Gross Beta

(1st Quarter 1991)





200 AAMS
Cesium-137 Plume Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

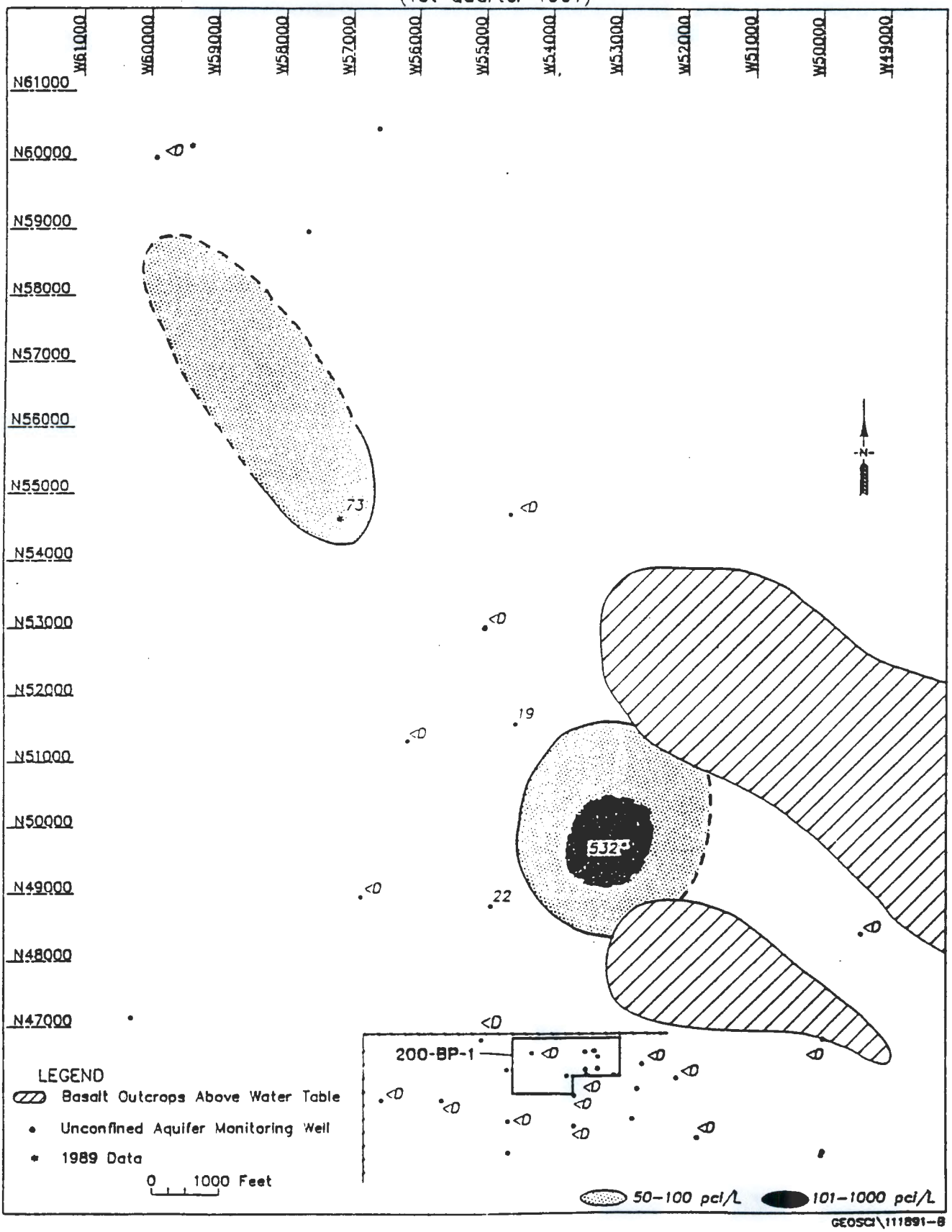
120 - 1199 pCi/L

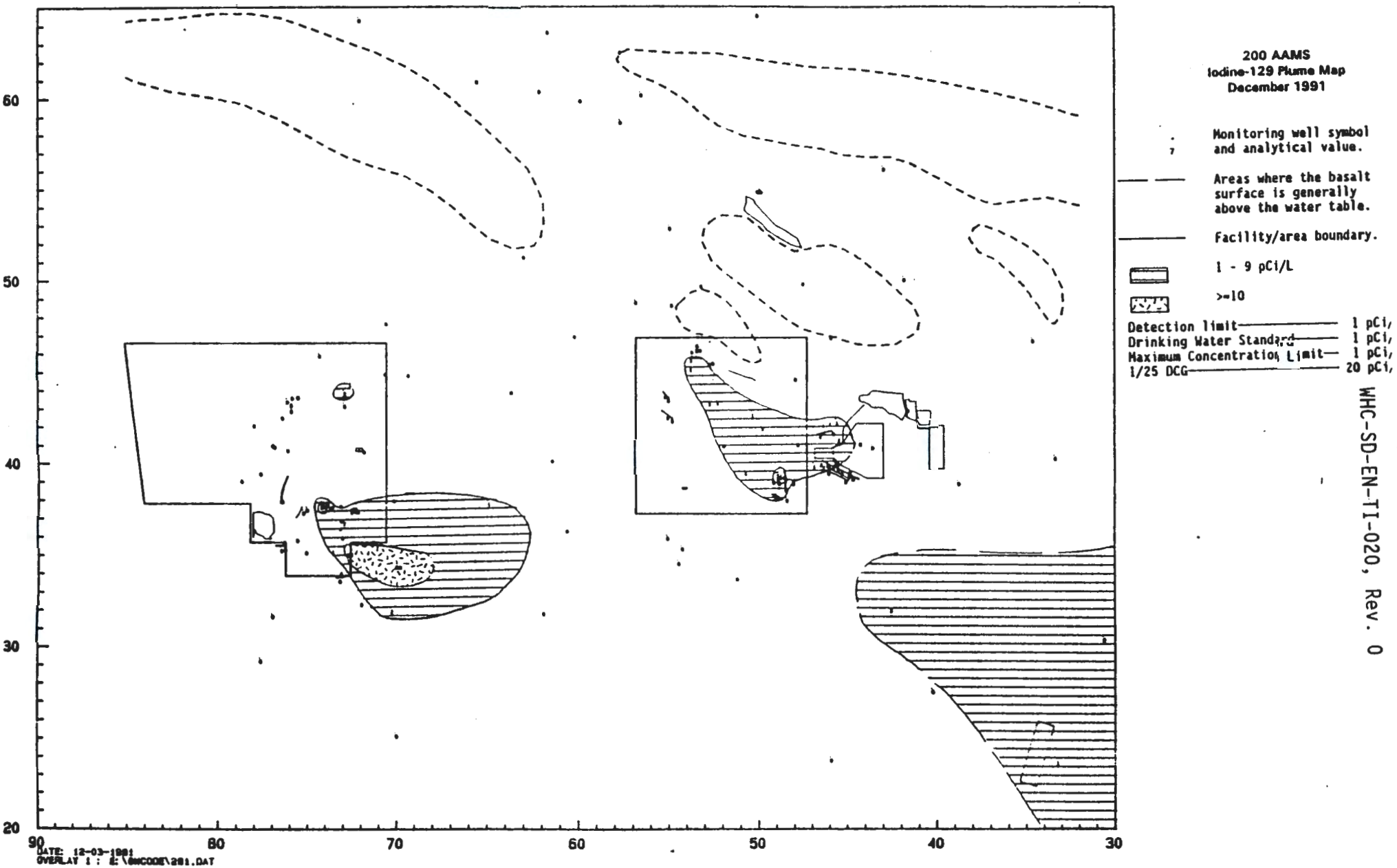
>=1200 pCi/L

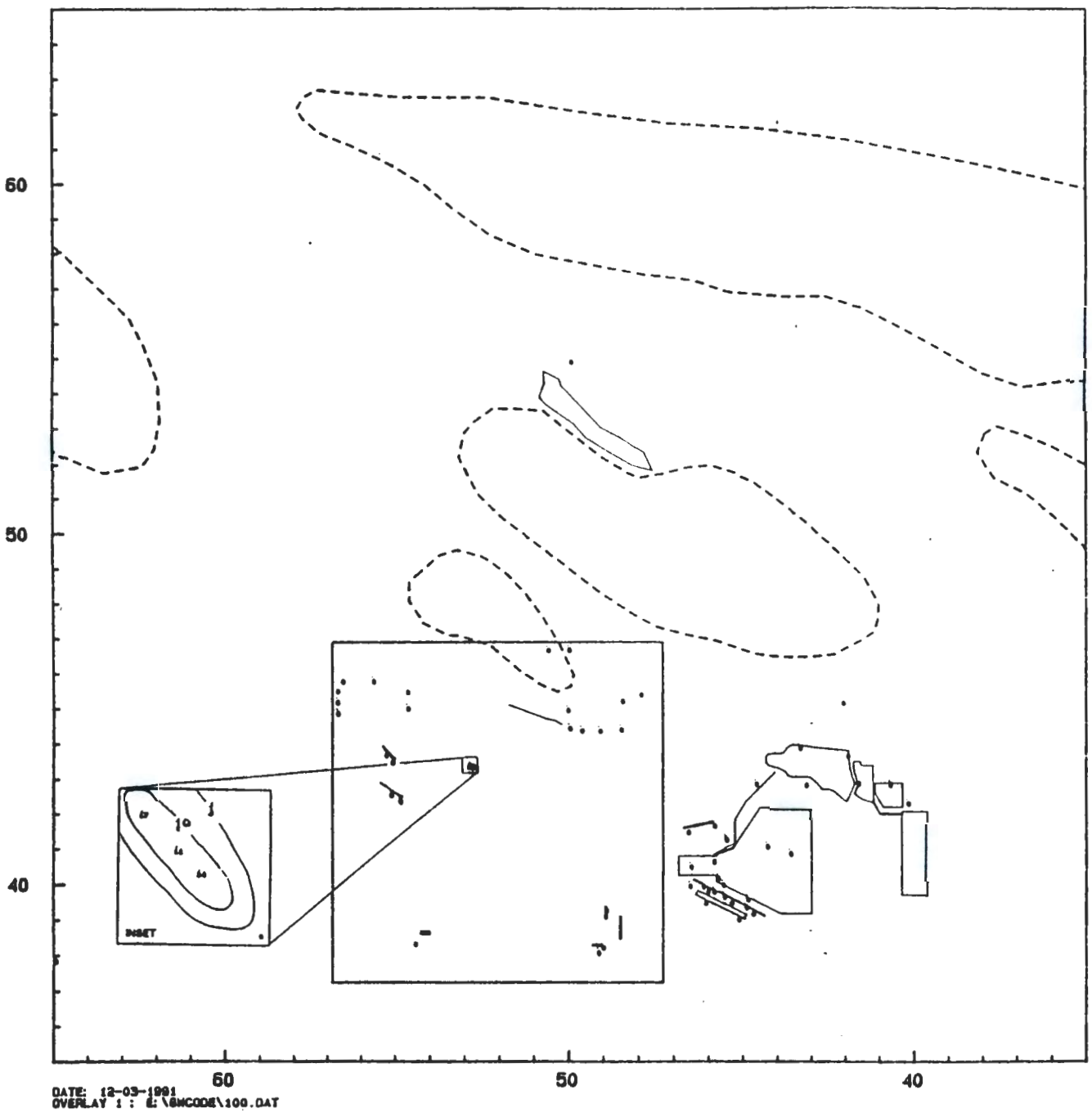
Detection limit — 20 pCi/L
Drinking Water Standard — 200 pCi/L
1/25 DCG — 120 pCi/L

Preliminary Plume Map - Cobalt 60

(1st Quarter 1991)




200 AAMS
Iodine-129 Plume Map
December 1991
Monitoring well symbol and analytical value.
Areas where the basalt surface is generally above the water table.
Facility/area boundary.
1 - 9 pCi/L
>=10
Detection limit 1 pCi/
Drinking Water Standard 1 pCi/
Maximum Concentration Limit 1 pCi/
1/25 DCG 20 pCi/
60
50
40
30
20
90
80
70
60
50
40
30
DATE: 12-03-1991
OVERLAY 1 : E:\GMCODE\291.DAT



200 AAMS
Plutonium-239/240 Plume Map
200-East Area
December 1991

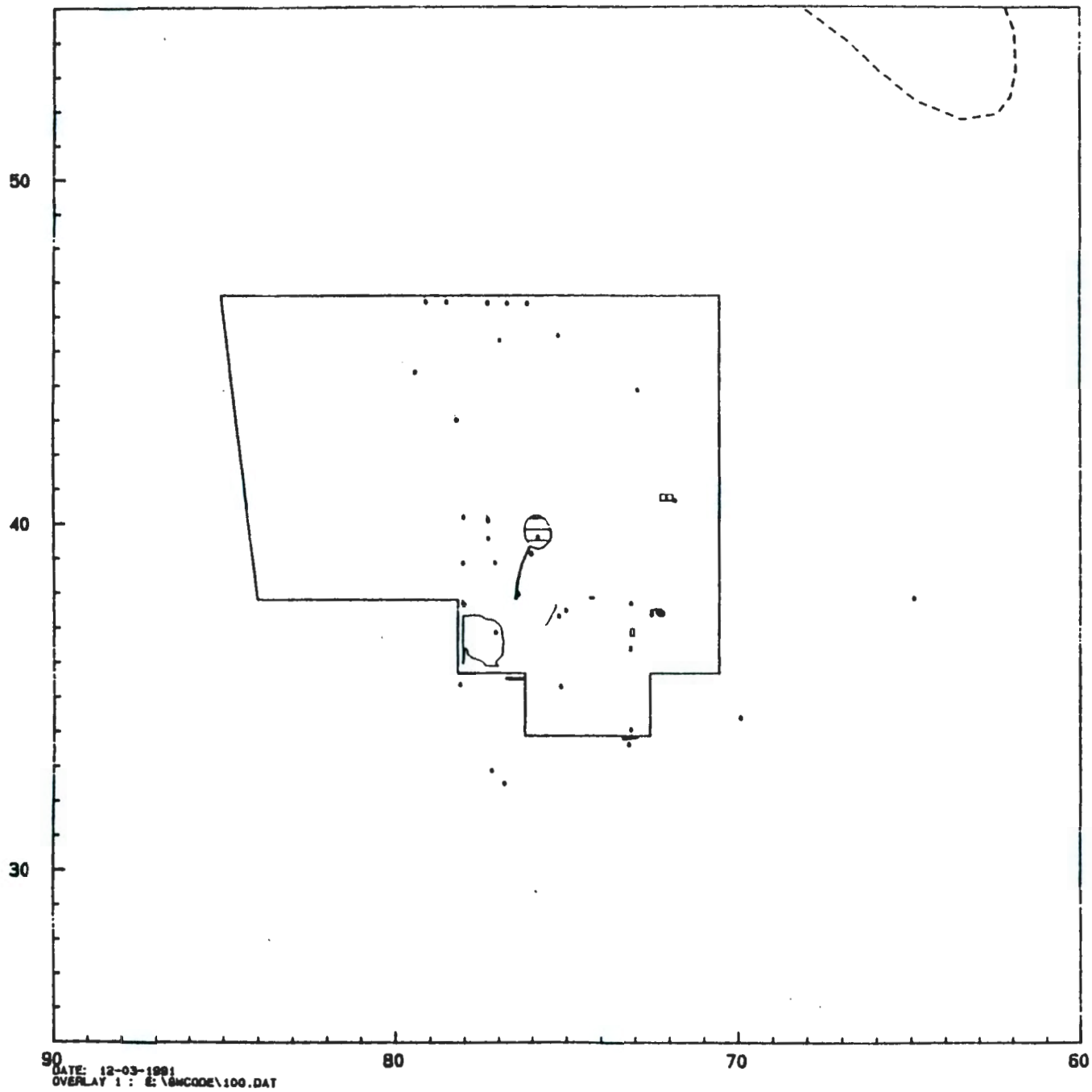
Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

>=1 pCi/L

Detection limit 0.1 pCi/L
Drinking Water Standard 1 pCi/L
1/25 DCG 1 pCi/L



200 AAMS
Plutonium-239/240 Plume Map
200-West Area
December 1991

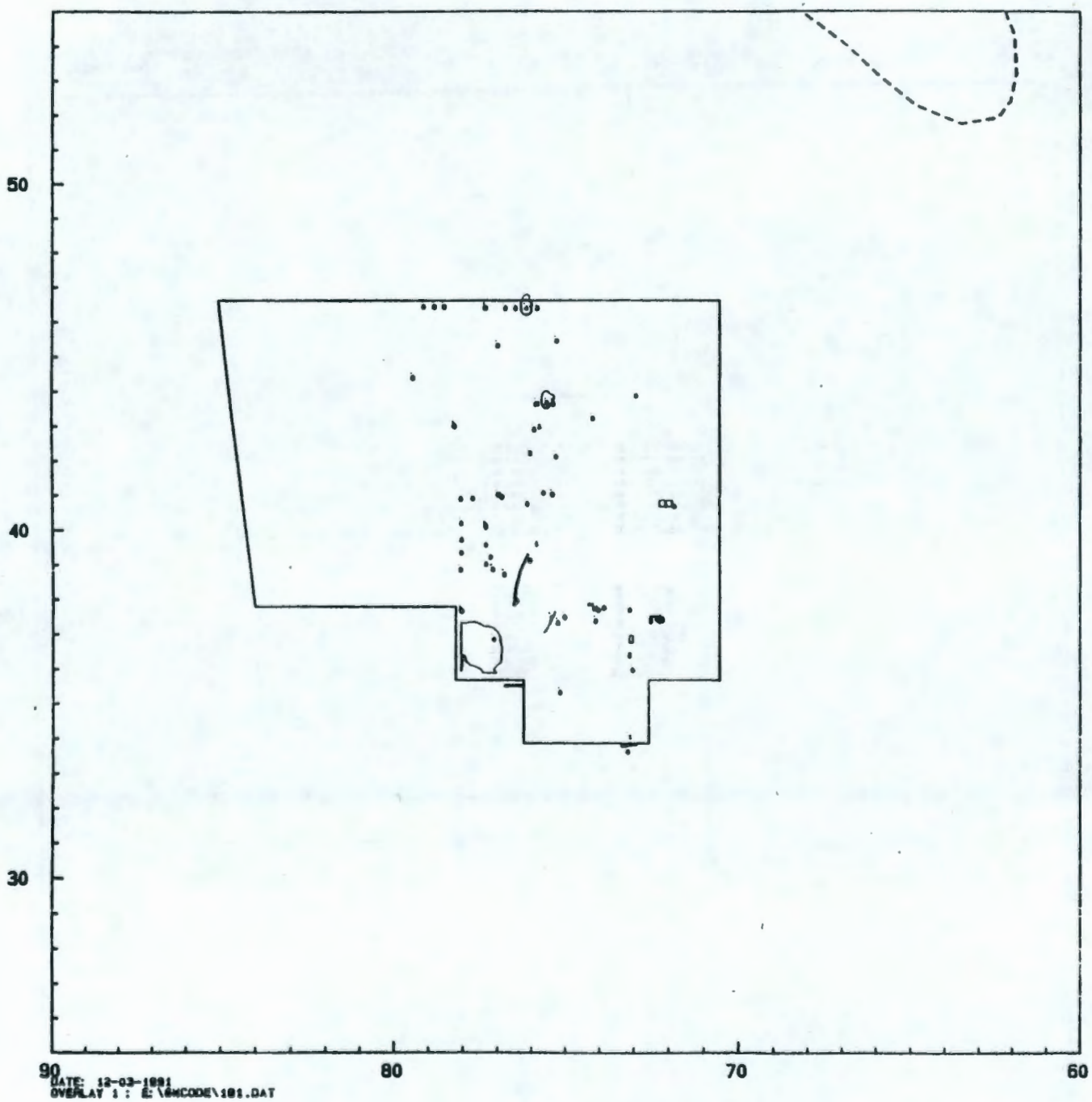
Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

>=1 pCi/L

Detection limit — 0.1 pCi/L
Drinking Water Standard — 1 pCi/L
1/25 DCG — 1 pCi/L



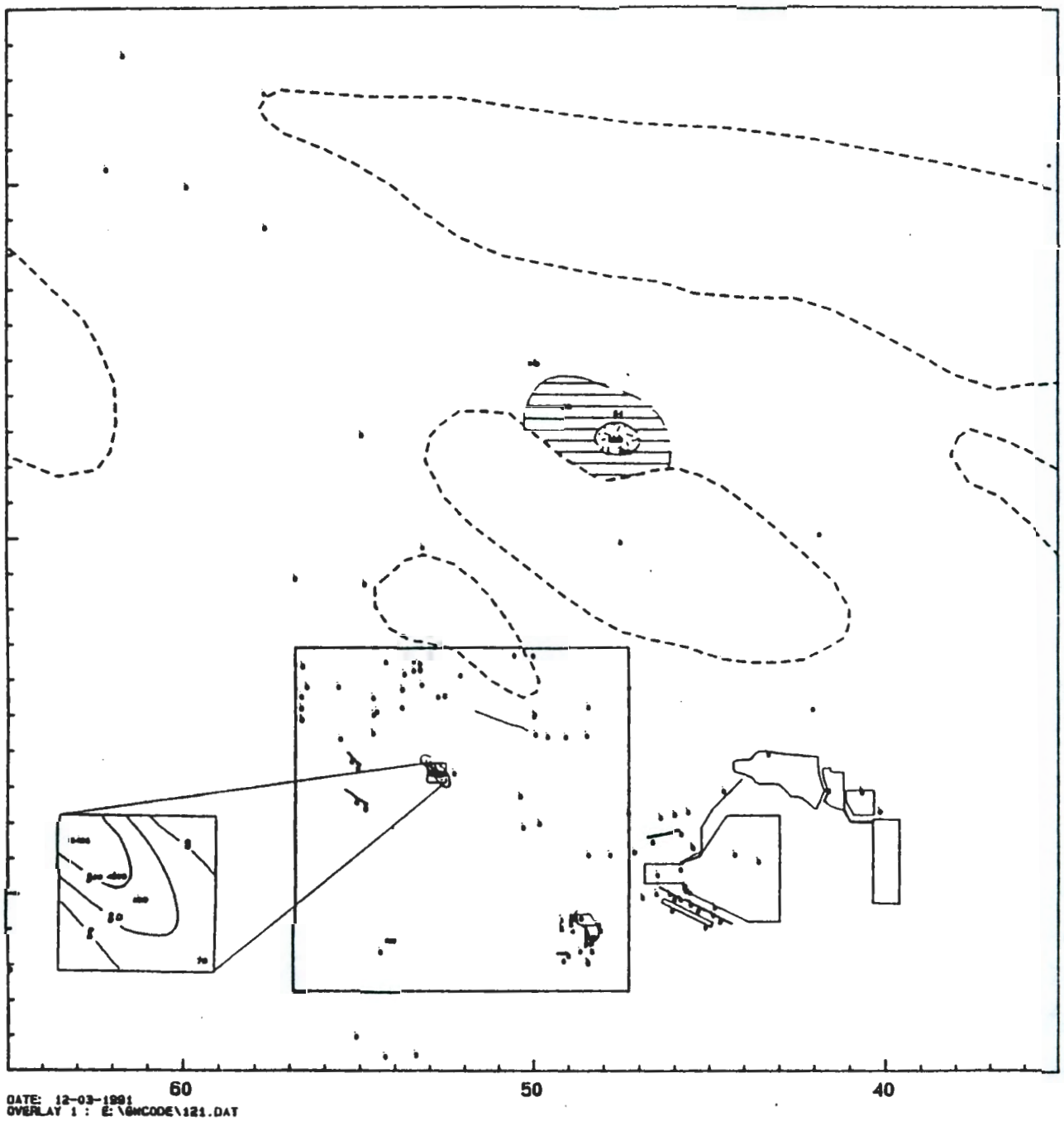
200 AAMS
Radium Detections Map
December 1991

. Monitoring well symbol
7 and analytical value.

— — Areas where the basalt surface is generally above the water table.

——— Facility/area boundary.

Detection limit——————— 1 pCi/L
Wa. Water Quality Standard—— 3 pCi/L
Drinking Water Standard——— 5 pCi/L
1/25 DCG————————100 pCi/L



200 AAMS
Strontium-90 Plume Map
200-East Area
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

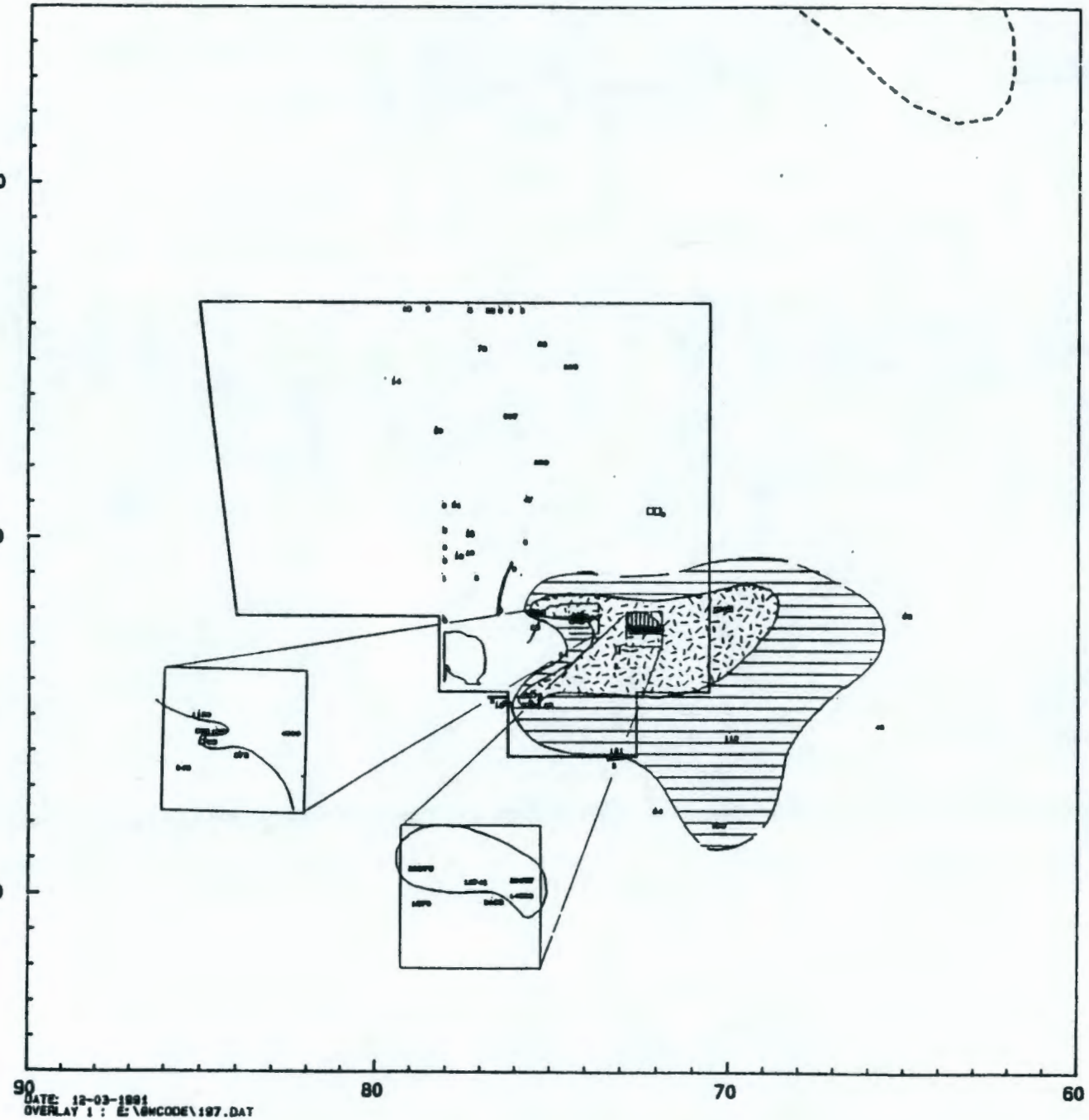
Facility/area boundary.

8 -79 pCi/L

80 - 799 pCi/L

>=800 pCi/L

Detection limit — 5 pCi/L
Wa. Water Quality Standard — 8 pCi/L
Maximum Concentration Limit — 8 pCi/L



200 AAMS
Technetium-99 Plume Map
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

100 - 999 pCi/L

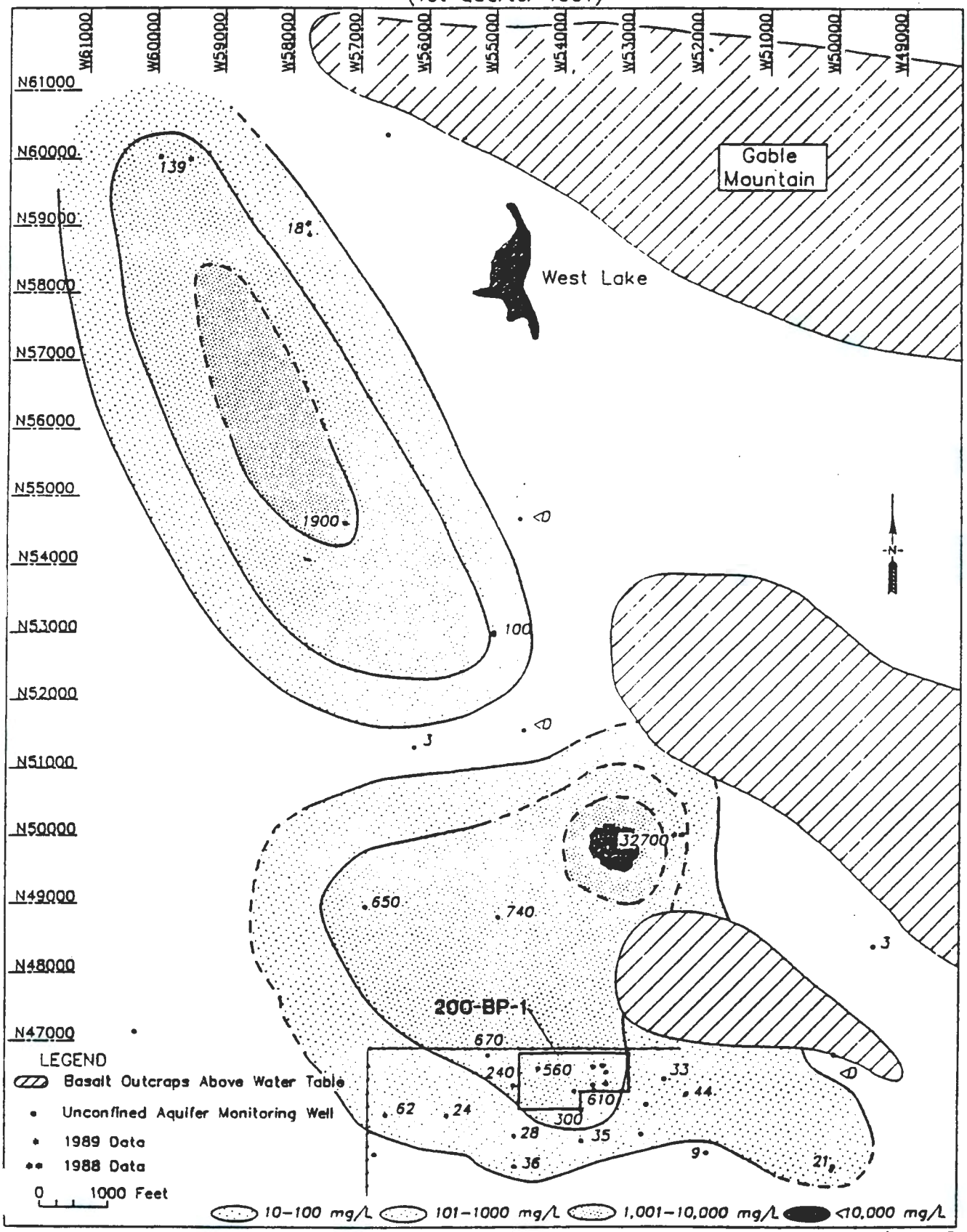
1,000 - 9,999 pCi/L

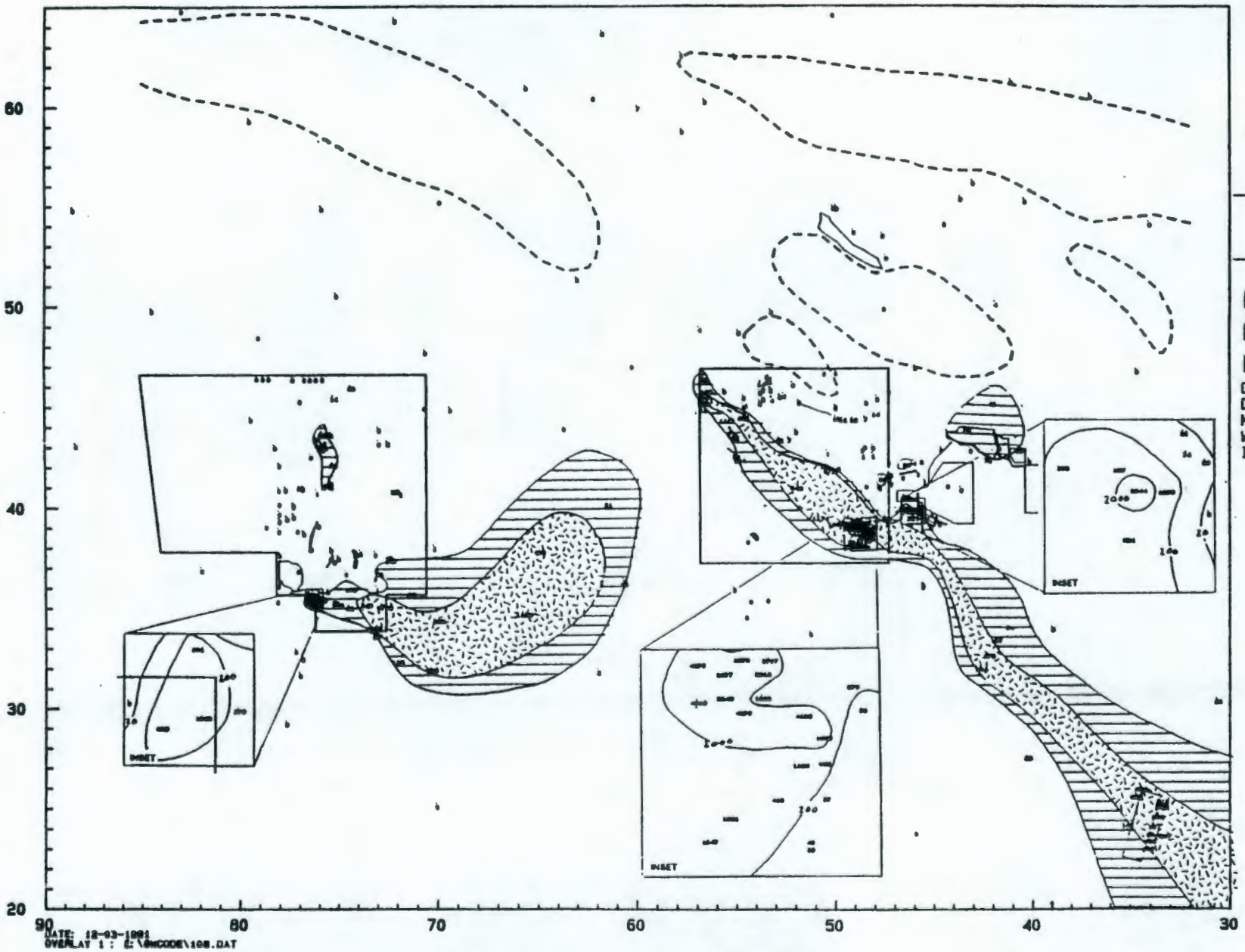
>=10,000 pCi/L

Detection limit — 15 pCi/L
Drinking Water Standard — 900 pCi/L
Maximum Concentration Limit — 900 pCi/L
1/25 DCG — 4000 pCi/L

Preliminary Plume Map - Technetium-99

(1st Quarter 1991)





200 AAMS
Tritium Plume Map
December 1991

Monitoring well symbol and analytical value.

Areas where the basalt surface is generally above the water table.

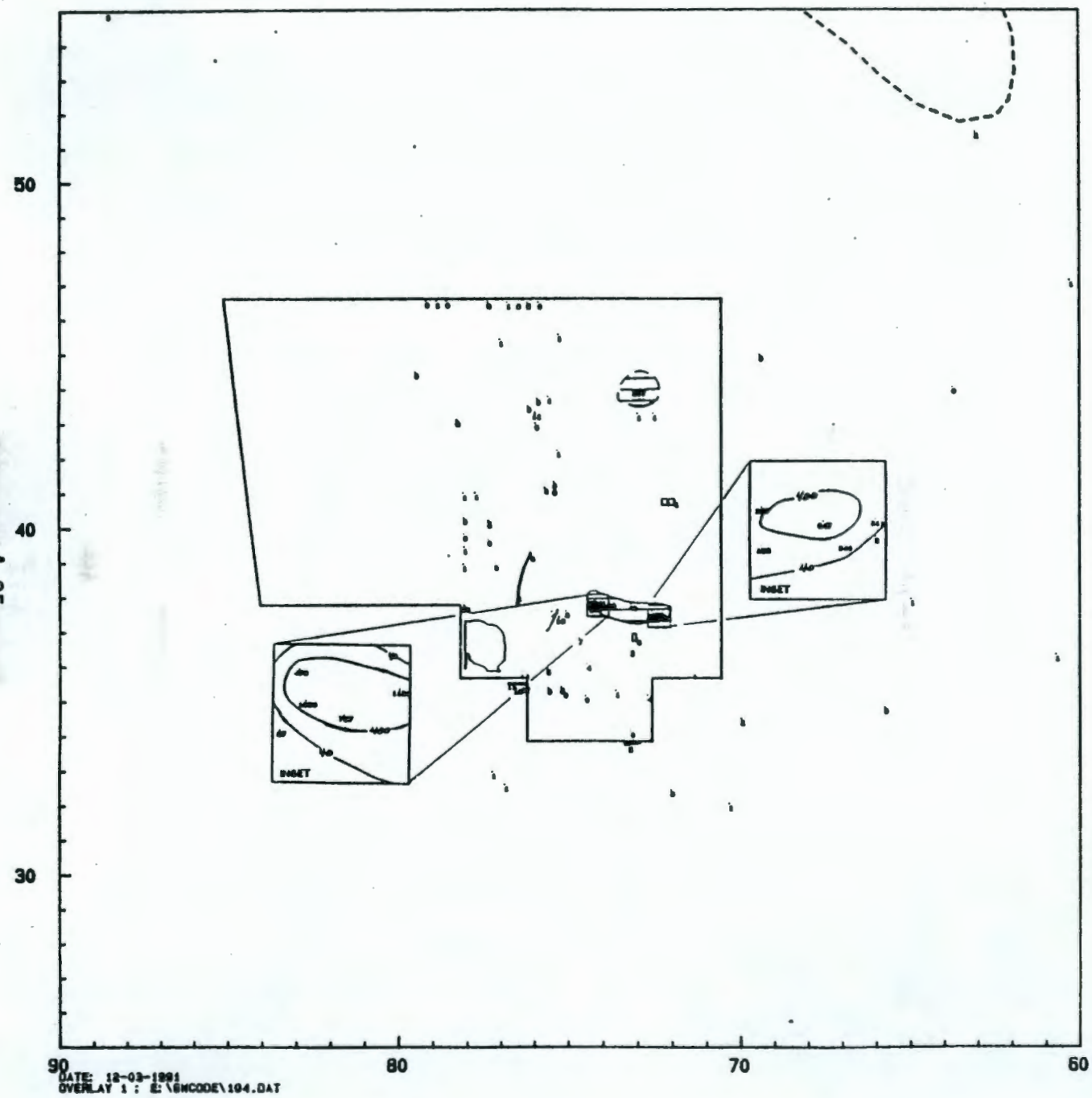
Facility/area boundary.

20 - 199 µCi/L

>200 - 1999 µCi/L

>=2000 µCi/L

Detection limit	0.5 µCi/L
Drinking Water Standard	20 µCi/L
Maximum Concentration Limit	20 µCi/L
Wa. Water Quality Standard	20 µCi/L
1/25 DCG	80 µCi/L



200 AAMS
Uranium Plume Map
200-West Area
December 1991

. Monitoring well symbol
7 and analytical value.

Areas where the basalt surface is generally above the water table.

Facility/area boundary.

40 - 399 pCi/L

>=400 pCi/L

Detection limit——————0.1 pCi/L
Drinking Water Standard——— 40 pCi/L
Maximum Concentration Limit— 40 pCi/L

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APPENDIX B

SUMMARY OF FIELD GROUNDWATER SAMPLING AND ANALYSIS PROGRAM

1.0 GENERAL APPROACH

The groundwater sampling and analysis field activity was conducted in two phases (Table B-1). The tasks associated with each phase of the activity are listed in the table and the task-specific deliverables are discussed in Section B.3.

1.1 PHASE I

Phase I (October-December 1991) groundwater sampling and analysis entailed supplementing the constituent lists of wells that were already being sampled by other Hanford Site groundwater sampling programs (network wells). The general approach for Phase I was to select wells and constituents that provided an area-wide set of data which will complement existing information. Wells that had been sampled and analyzed for a "long list" of constituents (>350) since January 1, 1988 were not considered for resampling during Phase I in order to maximize the areal spread of information. Constituent lists of network wells selected for sampling during Phase I were supplemented to include contaminants that had been detected in the 200 Area.

1.2 PHASE II

The second phase of sampling and analysis was completed during June-September 1992. Initiation of the second phase of sampling was delayed from the planned start (January, 1992) while waiting for approval of *National Environmental Policy Act* (NEPA) categorical exclusion (CX) for 200 AAMS groundwater sampling and well maintenance activities. Approval was granted in May 1992. The primary objective of the second phase of sampling was to provide data in areas where analytical information was deficient or absent in order to enhance the ability to map contaminant plume distributions.

2.0 SUMMARY OF SAMPLING AND ANALYSIS TASK RESULTS

Descriptions of deliverables for tasks defined in the *200 Aggregate Area Management Study Groundwater Field Activity Sampling and Analysis Plan* (SAP) are provided in this section. The SAP is contained in Appendix A of this document for reference. For document reviews and database queries, the 200 AAMS was defined to cover the area from 20,000 to 65,000 north and 20,000 to 90,000 west (Hanford coordinates).

2.1 DATA COMPILATION AND REVIEW

Sources of information that were consulted to evaluate existing knowledge concerning groundwater contamination beneath the 200 Aggregate Area are contained in Appendix B.1. The documents are listed as being either (1) calendar-year-specific or (2) multiple-year summaries.

Table B-1. 200 AAMS Groundwater Sampling and Analysis Activity Tasks

	TASK	PHASE I	PHASE II
1	Data compilation and review	X	X
2	Contaminant determination	X	X
3	Evaluation of existing sampling programs	X	X
4	Contaminant detects plume mapping	X	X
5	Evaluation of existing wells	X	X
6	Database development	X	X
7	Phase I well network selection	X	
8	Phase I groundwater sampling and analysis	X	
9	Initiate NEPA documentation		X
10	Phase II well network selection		X
11	Non-network well remediation		X
12	Phase II groundwater sampline and analysis		X
13	Data evaluation	X	X

2.2 CONTAMINANT DETERMINATION

The term "contaminants" refers to any chemical or constituent that is listed in the following:

-40 CFR 141 and 143 - "Primary and Secondary Drinking Water Regulations"
-FR 54 22062 - "Proposed Drinking Water MCL"
-40 CFR 264 Appendix IV - the RCRA "Long List"
-WAC 173-200-040 - *Model Toxics Control Act*
-DOE Order 5400.5 - "Derived Concentration Guides (DCG) for Radionuclides"

A review of all contaminant detections in 200 AAMS wells was presented in the SAP. That table is reproduced in Table B-2 of this report.

Table B-2. 200 Area Contaminant Detections (by Analytical Method) Since 1/1/88

Analytical Method	Contaminant Detect
AA Metals SW-846 7060	Arsenic
SW-846 7470	Mercury
SW-846 7421	Lead
SW-846 7471	Selenium
ICP Metals SW-846 6010	Barium
	Chromium
	Copper
	Iron
	Manganese
	Zinc
Volatile Organics SW-846 8240	Carbon Tetrachloride
	Chloroform
	Trichloroethylene
	1,1-Dichloroethane
	1,1,1-Trichloroethane
	1,2-Dichloroethane
Anions ASTM D4327-88 OR EPA 300.2	Chloride
	Fluoride
	Nitrate
	Sulfate
Pesticide SW-846 8080	DDT
Hydrazine ASTM D1385	Hydrazine
Semi-Volatile SW-846 8270	Bis(2-ethylhexyl)phthalate
Coliform SW-846 9131/9132	Coliform

9413137.0030

Analytical Method	Contaminant Detect
Cyanide SW-846 9010	Cyanide
Radiochemistry SW-846 9310	Gross Alpha
SW-846 9310	Gross Beta
	Co-60
	I-129
	Pu-239/40
	Radium
	Strontium-90
	Technetium-99
	Tritium
	Uranium

2.3 EVALUATION OF EXISTING SAMPLING PROGRAMS

Schedules for other Hanford Site sampling programs which contained wells within the boundaries of the 200 AAMS are defined in the following documents (by program):

CERCLA:

DOE, 1990, *Remedial Investigation/Feasibility Study Work Plan for the 200-BP-1 Operable Unit Hanford Site, Richland, Washington*, DOE-RL 88-32, January, 1990, U. S. Department of Energy, Richland, Washington.

DOE, 1991b, *Expedited Response Action Proposal (EE/CA & EA) for 200 West Area Carbon Tetrachloride Plume*, DOE/RL-91-32, Draft B, U.S. Department of Energy, Richland Field Office, Richland, Washington.

RCRA/Operational:

WHC, 1991b, *"Fiscal Year 1992 Sampling and Analysis Statement of Work"*, letter, K. R. Fecht, WHC, to M. A. Neely, PNL, 9158475, dated November 20, 1991.

Sitewide:

Bisping, L. E., 1992, *Environmental Surveillance Master Sampling Schedule*, PNL-7964, January, 1992, Pacific Northwest Laboratory, Richland, Washington.

During Phase I sampling, well sampling schedules were integrated and analytical requests for 49 wells were supplemented. The wells are identified in Table A-2 of the SAP.

2.4 CONTAMINANT PLUME MAPPING

Initially, hand contoured contaminant plume maps were prepared for each of the contaminants identified in Table B-2. These maps are contained in Appendix B of the SAP. Nine of the twenty-seven contaminants were unmappable. A summary of plume distributions is contained in Table B-3. Maps were generated based on the average value for each contaminant at each well.

Subsequent to the initial mapping, computer-contoured plume maps have been produced for inclusion in the 200 West and 200 East hydrogeologic models and groundwater aggregate area reports (Connelly et al. 1992a and 1992b; DOE 1992a and 1992b). Contour maps were generated using the Interactive Surface Modeling (ISM) (a trademark of Dynamic Graphics, Inc.) software package on a Silicon Graphics Personal Iris (a trademark of Silicon Graphics) engineering workstation. The software uses a bi-harmonic cubic pline to fit a surface through the data points.

Each map was contoured based on average values for the contaminant at each well in which an analysis had been conducted since January 1, 1988. For all values less than the detection limit (DL) or minimum detectable concentration (MDC), a value equivalent to one-half the applicable limit was assigned to the well.

2.5 EVALUATION OF EXISTING WELLS

Wells considered for use in the 200 AAMS sampling program were categorized as follows:

Category 1: This is the highest quality categorization, i.e., RCRA/CERCLA wells or equivalents. Wells must be constructed of stainless steel, have a screened interval of 20 ft or less with filter pack, have well completion information that is well documented, and be sampled by a positive-displacement or electric submersible pump. Water-level data and water chemistry are considered representative.

Table B-3. Contaminant plume distribution.

Constituent	Areas of Contamination		
	200 West	200 East	600 Area
Arsenic	X	X	
Chromium	X	X	
Fluoride	X		
Iron			
Manganese			
Aluminum			
Carbon tetrachloride	X		
Chloroform	X		
Trichloroethylene	X		
Hydrazine			
Styrene			
Nitrate	X	X	X
Sulfate			
Bis(2-Ethylhexyl) phthalate			
Coliform			
Alpha	X	X	X
Beta	X	X	X
Cesium-137		X	
Cobalt-60			X
Iodine-129	X	X	X
Plutonium-239/240	X	X	
Radium			
Strontium-90		X	X
Technetium-99	X	X	X
Tritium	X	X	X
Uranium	X		

Category 2: These wells have a known screened or perforated interval of 30 ft or less, are sampled by a pump, and monitor the unconfined water table zone. Wells may or may not be constructed of stainless steel, have a filter pack, or have documented borehole completion. Water-level data is representative. Chemistry data is representative in most cases but not regulation (RCRA) quality, i.e., adequate for screening purposes.

Category 3: This is the lowest quality well type. These wells have longer than 30 ft perforated intervals or unknown intervals and/or are sampled by bailer. These wells may be used for water levels if the monitoring interval is known and appropriate. Chemistry data from these wells may be representative but cannot be proven to be unbiased and may represent groundwater quality averaged over a large vertical distance in the aquifer.

Two reports were prepared in support of the 200 AAMS activities that summarized well construction information for wells within 200 East and 200 West and select wells in the 600 Area (WHC 1992a and 1992b). Well maintenance activities were initiated on category 3 wells used in Phase II. Site visits and downhole camera inspections were performed on all wells identified for Phase II. Twenty-four wells had additional work which included, as necessary, well scrubbing, interval shortening (to 30 ft), redevelopment, and pump installation.

2.6 DATABASE DEVELOPMENT

A database was developed to include well construction information and analytical data for groundwater wells within the 200 AAMS area of evaluation. This database has been updated four times since its initial development: once each to support the hydrogeologic models (Connelly et al. 1992a and 1992b), once at the end of the fiscal year, and, most recently, at the end of November 1992 to support this report. The analytical detections for the present report are contained in Appendix B.2. Each database has been archived on Bernoulli tapes to be kept with the project files.

2.7 PHASE I WELL NETWORK SELECTION

The wells to be sampled by other groundwater monitoring programs were compared to the initial contaminant plume maps. Wells that were located in areas of low well densities and/or poor analytical data coverage were prioritized for supplemental sampling. The request for supplemental sampling is contained in Appendix B.3. Forty-eight wells were selected. The analyte lists for these wells were supplemented with additional constituents in order to ensure that all known contaminants were evaluated. The 200 AAMS project funded the analytical costs for these additional constituents.

2.8 PHASE I GROUNDWATER SAMPLING AND ANALYSIS

Sampling of Phase I wells was performed over the period of November 1991 to March 1992. All 48 of the requested wells were sampled. Because of field problems (well pumped dry) one of the wells (2-W15-12) was not sampled for all the specified constituents. All data from Phase I sampling has been incorporated into the most recent database and is included in data averaging for this report.

2.9 INITIATE NATIONAL ENVIRONMENTAL POLICY ACT DOCUMENTATION FOR NON-NETWORK WELLS

An Information Bulletin (IB) concerning 200 AAMS groundwater sampling and well maintenance activities was submitted on November 21, 1991 (Appendix B.4). The IB recommended that the activities qualified for Categorical Exclusion (CX) from submittal of NEPA documentation. The CX was granted May 17, 1992 (Appendix B.4).

2.10 PHASE II WELL NETWORK SELECTION

Seventy wells were selected for Phase II sampling (see Table B.1.3 of the SAP). The wells were selected primarily to enhance contaminant plume delineation. As with Phase I, wells that had been sampled and analyzed for a "long list" of constituents (>350) since January 1, 1988 were not considered for resampling.

2.11 WELL MAINTENANCE

Well maintenance activities were discussed in Section B.2.5.

2.12 PHASE II GROUNDWATER SAMPLING AND ANALYSIS

Phase II groundwater sampling and analysis was conducted June 1992 through September 1992. Of the 70 wells requested for sampling, 52 were completed during this time period. Field problems ranging from dry wells to well access problems account for the failure to collect samples from 18 of the wells.

2.13 DATA EVALUATION AND REPORTING

Analytical data from each of the sampling phases, as well as from other sampling programs, have been incorporated and reported in each 200 AAMS hydrogeologic report (Connelly et al. 1992a and 1992b) as it was released into the Hanford Groundwater Database. This report includes all of the Phase I and II sampling results.

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3.0 REFERENCES

Connelly, M. P., B. H. Ford and J. V. Borghese, 1992a, *Hydrogeologic Model for the 200 West Groundwater Aggregate Area*, WHC-SD-EN-TI-014, Rev. 0, June, 1992, Westinghouse Hanford Company, Richland, Washington.

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DOE, 1990, *Remedial Investigation/Feasibility Study Work Plan for the 200-BP-1 Operable Unit Hanford Site, Richland, Washington*, DOE/RL 88-32, January, 1990, U. S. Department of Energy, Richland, Washington.

DOE, 1992a, *200 West Groundwater Aggregate Area Management Study Report*, DOE/RL 92-16, June 1992, U.S. Department of Energy, Richland Field Office, Richland, Washington.

DOE, 1992b, *200 East Groundwater Aggregate Area Management Study Report*, DOE/RL 92-19, August, 1992, U.S. Department of Energy, Richland Field Office, Richland, Washington.

WHC, 1991b, *"Fiscal Year 1992 Sampling and Analysis Statement of Work"*, letter, K. R. Fecht, WHC, to M. A. Neely, PNL, 9158475, dated November 20, 1991.

WHC 1992a, *Summaries of Well Construction Data and Field Observations for Existing 200-West Aggregate Area Operable Unit Resource Protection Wells*, WHC-SD-ER-TI-005, Rev. 0, February, 1992, Westinghouse Hanford Company, Richland, Washington.

WHC, 1992b, *Summaries of Well Construction Data and Field Observations for Existing 200-East Aggregate Area Operable Unit Resource Protection Wells*, WHC-SD-ER-T12EAA, Rev. 0, March, 1992, Westinghouse Hanford Company, Richland, Washington.

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APPENDIX B.1

Documents Containing Groundwater Contamination Information for the 200 AAMS Study Area

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Documents Containing Groundwater Contamination Information for the 200 AAMS Study Area

Calendar Year 1988 Sampling Information:

- Serkowski, J. A. and W. A. Jordan, 1989, *Operational Groundwater Monitoring at the Hanford Site -- 1988*, WHC-EP-0260, December, 1989, Westinghouse Hanford Company, Richland, Washington.

- Jaquish, R. E. and R. W. Bryce, editors, 1989, *Hanford Site Environmental Report for Calendar Year 1988*, PNL-6825, May, 1989, Pacific Northwest Laboratory, Richland, Washington.

- Evans, J. C., R. W. Bryce, and D. R. Sherwood, 1989, *Hanford Site Groundwater Monitoring for January through June 1988*, PNL-6886, April, 1989, Pacific Northwest Laboratory, Richland, Washington.

- Evans, J. C., R. W. Bryce, D. R. Sherwood, M. L. Kemner, and D. E. Newcomer, 1989, *Hanford Site Groundwater Monitoring for July through December 1988*, PNL-7120, October, 1989, Pacific Northwest Laboratory, Richland, Washington.

Calendar Year 1989 Sampling Information:

- Evans, J. C., R. W. Bryce, D. J. Bates and M. L. Kemner, 1990, *Hanford Site Ground-Water Surveillance for 1989*, PNL 7396, June, 1990, Pacific Northwest Laboratory, Richland, Washington.

- Jaquish, R. E. and R. W. Bryce, editors, 1990, *Hanford Site Environmental Report for Calendar Year 1989*, PNL-7346, May, 1990, Pacific Northwest Laboratory, Richland, Washington.

Calendar Year 1990 Sampling Information:

- Evans, J. C., R. W. Bryce, and D. J. Bates, 1992, *Hanford Site Ground-Water Monitoring for 1990*, PNL-8073, June, 1992, Pacific Northwest Laboratory, Richland, Washington.

- Woodruff, R. K., R. W. Hanf, M. G. Hefty, and R. E. Lundgren, editors, 1991, *Hanford Site Environmental Report for Calendar Year 1990*, PNL-7930, December, 1991, Pacific Northwest Laboratory, Richland, Washington.

Calendar Year 1991 Sampling Information:

- Evans, J. C., R. W. Bryce, and D. J. Bates, 1992, *Hanford Site Ground-Water Monitoring for 1991*, PNL-8284, October, 1992, Pacific Northwest Laboratory, Richland, Washington.

- Woodruff, R. K., R. W. Hanf, and R. E. Lundgren, editors, 1992, *Hanford*

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Site Environmental Report for Calendar Year 1991, PNL-8148, June, 1992, Pacific Northwest Laboratory, Richland, Washington.

Multiple Calendar Year Summaries:

- DOE, 1991, *Expedited Response Action Proposal (EE/CA & EA) for 200 West Area Carbon Tetrachloride Plume*, DOE/RL-91-32, Draft B, September, 1991, U. S. Department of Energy - Richland Operations, Richland, Washington.

- Johnson, V. G., 1993, *Westinghouse Hanford Company Operational Groundwater Status Report, 1990-1992*, WHC-EP-0595, March, 1993, Westinghouse Hanford Company, Richland, Washington.

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APPENDIX B.2

200 AAMS Contaminant Detections (By Analytical Method) Since January 1, 1988

6/28/93 AVERAGE RESULTS FOR 200 AAMS WELLS Page 1

Constituent	Well	Average	Units
Arsenic, filtered	2-E13-14	5.00	ppb
Arsenic, filtered	2-E13-5	5.00	ppb
Arsenic, filtered	2-E17-1	5.86	ppb
Arsenic, filtered	2-E17-12	7.00	ppb
Arsenic, filtered	2-E17-13	8.33	ppb
Arsenic, filtered	2-E17-14	6.50	ppb
Arsenic, filtered	2-E17-15	7.44	ppb
Arsenic, filtered	2-E17-16	9.40	ppb
Arsenic, filtered	2-E17-17	6.39	ppb
Arsenic, filtered	2-E17-18	9.73	ppb
Arsenic, filtered	2-E17-19	6.49	ppb
Arsenic, filtered	2-E17-20	6.82	ppb
Arsenic, filtered	2-E17-5	6.95	ppb
Arsenic, filtered	2-E17-6	5.00	ppb
Arsenic, filtered	2-E17-9	12.50	ppb
Arsenic, filtered	2-E18-1	5.00	ppb
Arsenic, filtered	2-E18-2	5.44	ppb
Arsenic, filtered	2-E18-3	12.45	ppb
Arsenic, filtered	2-E18-4	10.11	ppb
Arsenic, filtered	2-E24-16	8.93	ppb
Arsenic, filtered	2-E24-17	9.84	ppb
Arsenic, filtered	2-E24-18	6.64	ppb
Arsenic, filtered	2-E24-19	7.50	ppb
Arsenic, filtered	2-E24-2	10.63	ppb
Arsenic, filtered	2-E24-20	8.83	ppb
Arsenic, filtered	2-E25-11	7.10	ppb
Arsenic, filtered	2-E25-18	9.70	ppb
Arsenic, filtered	2-E25-19	7.91	ppb
Arsenic, filtered	2-E25-20	8.19	ppb
Arsenic, filtered	2-E25-21	11.71	ppb
Arsenic, filtered	2-E25-22	8.86	ppb
Arsenic, filtered	2-E25-23	19.67	ppb
Arsenic, filtered	2-E25-24	16.33	ppb
Arsenic, filtered	2-E25-25	5.03	ppb
Arsenic, filtered	2-E25-26	5.97	ppb
Arsenic, filtered	2-E25-27	5.80	ppb
Arsenic, filtered	2-E25-28	9.34	ppb
Arsenic, filtered	2-E25-29P	12.18	ppb
Arsenic, filtered	2-E25-30P	24.34	ppb
Arsenic, filtered	2-E25-31	8.52	ppb
Arsenic, filtered	2-E25-32P	5.00	ppb
Arsenic, filtered	2-E25-33	10.88	ppb
Arsenic, filtered	2-E25-34	7.89	ppb
Arsenic, filtered	2-E25-35	11.14	ppb

Constituent	Well	Average	Units
Arsenic, filtered	2-E25-36	9.33	ppb
Arsenic, filtered	2-E25-37	6.18	ppb
Arsenic, filtered	2-E25-38	10.16	ppb
Arsenic, filtered	2-E25-39	5.00	ppb
Arsenic, filtered	2-E25-40	11.29	ppb
Arsenic, filtered	2-E25-41	9.15	ppb
Arsenic, filtered	2-E25-42	6.35	ppb
Arsenic, filtered	2-E25-43	7.75	ppb
Arsenic, filtered	2-E26-10	8.80	ppb
Arsenic, filtered	2-E26-11	6.28	ppb
Arsenic, filtered	2-E26-12	7.85	ppb
Arsenic, filtered	2-E26-13	9.77	ppb
Arsenic, filtered	2-E26-9	7.25	ppb
Arsenic, filtered	2-E27-10	7.19	ppb
Arsenic, filtered	2-E27-11	8.26	ppb
Arsenic, filtered	2-E27-12	8.18	ppb
Arsenic, filtered	2-E27-13	9.34	ppb
Arsenic, filtered	2-E27-14	8.65	ppb
Arsenic, filtered	2-E27-15	8.14	ppb
Arsenic, filtered	2-E27-16	14.80	ppb
Arsenic, filtered	2-E27-7	7.18	ppb
Arsenic, filtered	2-E27-8	7.78	ppb
Arsenic, filtered	2-E27-9	7.72	ppb
Arsenic, filtered	2-E28-13	5.00	ppb
Arsenic, filtered	2-E28-18	5.33	ppb
Arsenic, filtered	2-E28-21	5.00	ppb
Arsenic, filtered	2-E28-23	5.00	ppb
Arsenic, filtered	2-E28-26	5.00	ppb
Arsenic, filtered	2-E28-27	5.68	ppb
Arsenic, filtered	2-E28-28	5.00	ppb
Arsenic, filtered	2-E32-1	5.00	ppb
Arsenic, filtered	2-E32-2	5.57	ppb
Arsenic, filtered	2-E32-3	5.00	ppb
Arsenic, filtered	2-E32-4	5.00	ppb
Arsenic, filtered	2-E32-5	5.00	ppb
Arsenic, filtered	2-E33-1	7.04	ppb
Arsenic, filtered	2-E33-13	6.66	ppb
Arsenic, filtered	2-E33-14	7.72	ppb
Arsenic, filtered	2-E33-15	8.22	ppb
Arsenic, filtered	2-E33-18	8.08	ppb
Arsenic, filtered	2-E33-21	8.00	ppb
Arsenic, filtered	2-E33-24	7.98	ppb
Arsenic, filtered	2-E33-26	7.72	ppb
Arsenic, filtered	2-E33-28	7.56	ppb
Arsenic, filtered	2-E33-29	6.58	ppb

Constituent	Well	Average	Units
Arsenic, filtered	2-E33-3	8.08	ppb
Arsenic, filtered	2-E33-30	6.28	ppb
Arsenic, filtered	2-E33-31	8.06	ppb
Arsenic, filtered	2-E33-32	8.75	ppb
Arsenic, filtered	2-E33-33	9.54	ppb
Arsenic, filtered	2-E33-34	8.02	ppb
Arsenic, filtered	2-E33-35	6.99	ppb
Arsenic, filtered	2-E33-36	10.78	ppb
Arsenic, filtered	2-E33-37	11.00	ppb
Arsenic, filtered	2-E33-38	5.80	ppb
Arsenic, filtered	2-E33-39	6.40	ppb
Arsenic, filtered	2-E33-4	8.04	ppb
Arsenic, filtered	2-E33-41	9.28	ppb
Arsenic, filtered	2-E33-42	9.55	ppb
Arsenic, filtered	2-E33-43	9.35	ppb
Arsenic, filtered	2-E33-5	6.37	ppb
Arsenic, filtered	2-E33-7	7.93	ppb
Arsenic, filtered	2-E33-8	9.00	ppb
Arsenic, filtered	2-E34-1	2.50	ppb
Arsenic, filtered	2-E34-2	5.93	ppb
Arsenic, filtered	2-E34-3	6.69	ppb
Arsenic, filtered	2-E34-5	5.51	ppb
Arsenic, filtered	2-E34-6	5.14	ppb
Arsenic, filtered	2-E34-7	5.54	ppb
Arsenic, filtered	2-E34-8	10.23	ppb
Arsenic, filtered	2-E35-1	5.00	ppb
Arsenic, filtered	2-E35-2	9.40	ppb
Arsenic, filtered	2-W10-13	5.00	ppb
Arsenic, filtered	2-W10-14	5.00	ppb
Arsenic, filtered	2-W10-15	5.76	ppb
Arsenic, filtered	2-W10-16	5.00	ppb
Arsenic, filtered	2-W10-17	11.20	ppb
Arsenic, filtered	2-W10-18	5.42	ppb
Arsenic, filtered	2-W10-4	6.00	ppb
Arsenic, filtered	2-W10-9	16.00	ppb
Arsenic, filtered	2-W11-23	5.00	ppb
Arsenic, filtered	2-W14-10	5.00	ppb
Arsenic, filtered	2-W14-2	5.00	ppb
Arsenic, filtered	2-W14-5	5.00	ppb
Arsenic, filtered	2-W14-6	5.00	ppb
Arsenic, filtered	2-W15-10	5.00	ppb
Arsenic, filtered	2-W15-11	5.00	ppb
Arsenic, filtered	2-W15-15	5.00	ppb
Arsenic, filtered	2-W15-16	5.00	ppb
Arsenic, filtered	2-W15-17	5.00	ppb

Constituent	Well	Average	Units
Arsenic, filtered	2-W15-18	5.00	ppb
Arsenic, filtered	2-W15-19	5.00	ppb
Arsenic, filtered	2-W15-20	5.00	ppb
Arsenic, filtered	2-W15-22	5.00	ppb
Arsenic, filtered	2-W15-23	5.00	ppb
Arsenic, filtered	2-W15-24	5.00	ppb
Arsenic, filtered	2-W15-4	24.00	ppb
Arsenic, filtered	2-W15-7	5.00	ppb
Arsenic, filtered	2-W15-8	5.00	ppb
Arsenic, filtered	2-W18-15	12.00	ppb
Arsenic, filtered	2-W18-21	5.00	ppb
Arsenic, filtered	2-W18-22	5.00	ppb
Arsenic, filtered	2-W18-23	5.00	ppb
Arsenic, filtered	2-W18-24	5.00	ppb
Arsenic, filtered	2-W18-25	8.15	ppb
Arsenic, filtered	2-W18-26	5.00	ppb
Arsenic, filtered	2-W18-5	5.00	ppb
Arsenic, filtered	2-W19-11	5.00	ppb
Arsenic, filtered	2-W19-13	5.00	ppb
Arsenic, filtered	2-W19-15	5.00	ppb
Arsenic, filtered	2-W19-16	5.00	ppb
Arsenic, filtered	2-W19-18	5.00	ppb
Arsenic, filtered	2-W19-19	5.00	ppb
Arsenic, filtered	2-W19-20	5.00	ppb
Arsenic, filtered	2-W19-21	13.50	ppb
Arsenic, filtered	2-W19-23	5.00	ppb
Arsenic, filtered	2-W19-24	5.00	ppb
Arsenic, filtered	2-W19-25	5.00	ppb
Arsenic, filtered	2-W19-26	5.00	ppb
Arsenic, filtered	2-W19-27	12.00	ppb
Arsenic, filtered	2-W19-28	5.00	ppb
Arsenic, filtered	2-W19-29	5.00	ppb
Arsenic, filtered	2-W19-3	5.00	ppb
Arsenic, filtered	2-W19-31	5.00	ppb
Arsenic, filtered	2-W19-32	5.00	ppb
Arsenic, filtered	2-W19-9	5.00	ppb
Arsenic, filtered	2-W22-1	5.00	ppb
Arsenic, filtered	2-W22-20	5.00	ppb
Arsenic, filtered	2-W22-21	5.00	ppb
Arsenic, filtered	2-W22-22	5.00	ppb
Arsenic, filtered	2-W22-39	5.67	ppb
Arsenic, filtered	2-W22-40	5.14	ppb
Arsenic, filtered	2-W22-41	5.00	ppb
Arsenic, filtered	2-W22-42	5.00	ppb
Arsenic, filtered	2-W23-10	5.00	ppb

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Constituent	Well	Average	Units
Arsenic, filtered	2-W23-11	12.00	ppb
Arsenic, filtered	2-W23-13	14.33	ppb
Arsenic, filtered	2-W23-14	6.37	ppb
Arsenic, filtered	2-W26-10	5.17	ppb
Arsenic, filtered	2-W26-12	7.83	ppb
Arsenic, filtered	2-W26-6	5.00	ppb
Arsenic, filtered	2-W26-7	5.22	ppb
Arsenic, filtered	2-W26-8	5.00	ppb
Arsenic, filtered	2-W26-9	8.03	ppb
Arsenic, filtered	2-W27-1	5.00	ppb
Arsenic, filtered	2-W6-2	5.00	ppb
Arsenic, filtered	2-W6-4	5.00	ppb
Arsenic, filtered	2-W6-5	5.00	ppb
Arsenic, filtered	2-W6-6	5.00	ppb
Arsenic, filtered	2-W6-7	5.00	ppb
Arsenic, filtered	2-W6-8	5.00	ppb
Arsenic, filtered	2-W7-1	5.00	ppb
Arsenic, filtered	2-W7-10	5.00	ppb
Arsenic, filtered	2-W7-11	5.00	ppb
Arsenic, filtered	2-W7-12	5.00	ppb
Arsenic, filtered	2-W7-2	5.00	ppb
Arsenic, filtered	2-W7-3	5.00	ppb
Arsenic, filtered	2-W7-4	5.00	ppb
Arsenic, filtered	2-W7-5	5.00	ppb
Arsenic, filtered	2-W7-6	5.00	ppb
Arsenic, filtered	2-W7-7	5.00	ppb
Arsenic, filtered	2-W7-8	5.00	ppb
Arsenic, filtered	2-W7-9	5.00	ppb
Arsenic, filtered	2-W8-1	5.00	ppb
Arsenic, filtered	2-W9-1	5.00	ppb
Arsenic, filtered	6-20-39	5.00	ppb
Arsenic, filtered	6-23-34	5.00	ppb
Arsenic, filtered	6-24-33	5.00	ppb
Arsenic, filtered	6-24-34A	5.00	ppb
Arsenic, filtered	6-24-34B	5.00	ppb
Arsenic, filtered	6-24-34C	5.00	ppb
Arsenic, filtered	6-24-35	5.10	ppb
Arsenic, filtered	6-24-46	5.00	ppb
Arsenic, filtered	6-25-33A	5.00	ppb
Arsenic, filtered	6-25-34A	5.38	ppb
Arsenic, filtered	6-25-34B	5.75	ppb
Arsenic, filtered	6-25-34C	5.11	ppb
Arsenic, filtered	6-26-33	5.17	ppb
Arsenic, filtered	6-26-34	5.00	ppb
Arsenic, filtered	6-26-35A	5.33	ppb

Constituent	Well	Average	Units
Arsenic, filtered	6-26-35C	5.00	ppb
Arsenic, filtered	6-29-78	5.00	ppb
Arsenic, filtered	6-32-70B	5.00	ppb
Arsenic, filtered	6-32-72	5.00	ppb
Arsenic, filtered	6-32-77	5.00	ppb
Arsenic, filtered	6-34-42	5.70	ppb
Arsenic, filtered	6-35-66	5.00	ppb
Arsenic, filtered	6-35-70	5.00	ppb
Arsenic, filtered	6-36-61A	5.00	ppb
Arsenic, filtered	6-37-82A	5.00	ppb
Arsenic, filtered	6-38-70	5.00	ppb
Arsenic, filtered	6-39-39	5.00	ppb
Arsenic, filtered	6-39-79	5.00	ppb
Arsenic, filtered	6-40-40A	5.00	ppb
Arsenic, filtered	6-40-40B	5.27	ppb
Arsenic, filtered	6-40-62	5.00	ppb
Arsenic, filtered	6-42-39A	5.00	ppb
Arsenic, filtered	6-42-39B	5.00	ppb
Arsenic, filtered	6-42-40A	5.00	ppb
Arsenic, filtered	6-42-41	5.27	ppb
Arsenic, filtered	6-42-42B	6.88	ppb
Arsenic, filtered	6-43-40	5.00	ppb
Arsenic, filtered	6-43-41E	5.23	ppb
Arsenic, filtered	6-43-41F	5.62	ppb
Arsenic, filtered	6-43-41G	5.47	ppb
Arsenic, filtered	6-43-42J	12.78	ppb
Arsenic, filtered	6-43-43	7.57	ppb
Arsenic, filtered	6-43-45	9.98	ppb
Arsenic, filtered	6-44-42	13.13	ppb
Arsenic, filtered	6-44-43B	6.53	ppb
Arsenic, filtered	6-44-64	5.00	ppb
Arsenic, filtered	6-45-42	5.50	ppb
Arsenic, filtered	6-45-69A	5.00	ppb
Arsenic, filtered	6-47-46A	5.00	ppb
Arsenic, filtered	6-47-60	5.66	ppb
Arsenic, filtered	6-48-50	2.50	ppb
Arsenic, filtered	6-48-71	5.00	ppb
Arsenic, filtered	6-49-55A	5.29	ppb
Arsenic, filtered	6-49-57A	6.80	ppb
Arsenic, filtered	6-49-79	5.00	ppb
Arsenic, filtered	6-50-53A	2.50	ppb
Arsenic, filtered	6-50-85	5.00	ppb
Arsenic, filtered	6-52-54	6.35	ppb
Arsenic, filtered	6-52-57	2.50	ppb
Arsenic, filtered	6-53-47A	5.00	ppb

9413137.0619

Constituent	Well	Average	Units
Arsenic, filtered	6-53-55A	2.50	ppb
Arsenic, filtered	6-55-50C	5.00	ppb
Arsenic, filtered	6-55-55	6.40	ppb
Arsenic, filtered	6-55-57	2.50	ppb
Arsenic, filtered	6-55-76	5.00	ppb
Arsenic, filtered	6-65-72	5.00	ppb
Arsenic, filtered	6-65-83	5.00	ppb
Arsenic, filtered	6-67-86	5.00	ppb
Carbon tetrachloride	1-B3-1	2.50	ppb
Carbon tetrachloride	1-B4-1	2.50	ppb
Carbon tetrachloride	1-B4-2	2.50	ppb
Carbon tetrachloride	1-B4-4	2.50	ppb
Carbon tetrachloride	1-B9-1	2.50	ppb
Carbon tetrachloride	1-D5-12	2.50	ppb
Carbon tetrachloride	1-F5-4	2.50	ppb
Carbon tetrachloride	1-F7-1	2.50	ppb
Carbon tetrachloride	1-F8-1	2.50	ppb
Carbon tetrachloride	1-H3-1	2.50	ppb
Carbon tetrachloride	1-H3-2A	2.50	ppb
Carbon tetrachloride	1-H3-2B	2.50	ppb
Carbon tetrachloride	1-H4-10	2.50	ppb
Carbon tetrachloride	1-H4-11	2.50	ppb
Carbon tetrachloride	1-H4-12A	2.50	ppb
Carbon tetrachloride	1-H4-12B	2.50	ppb
Carbon tetrachloride	1-H4-12C	2.50	ppb
Carbon tetrachloride	1-H4-13	2.50	ppb
Carbon tetrachloride	1-H4-14	2.50	ppb
Carbon tetrachloride	1-H4-15A	2.50	ppb
Carbon tetrachloride	1-H4-15B	2.50	ppb
Carbon tetrachloride	1-H4-16	2.50	ppb
Carbon tetrachloride	1-H4-17	2.50	ppb
Carbon tetrachloride	1-H4-18	2.50	ppb
Carbon tetrachloride	1-H4-3	2.50	ppb
Carbon tetrachloride	1-H4-4	2.50	ppb
Carbon tetrachloride	1-H4-5	2.50	ppb
Carbon tetrachloride	1-H4-6	2.50	ppb
Carbon tetrachloride	1-H4-7	2.50	ppb
Carbon tetrachloride	1-H4-8	2.50	ppb
Carbon tetrachloride	1-H4-9	2.50	ppb
Carbon tetrachloride	1-K-11	2.50	ppb
Carbon tetrachloride	1-K-27	2.50	ppb
Carbon tetrachloride	1-K-28	2.50	ppb
Carbon tetrachloride	1-K-29	2.50	ppb

9413137.0220

Constituent	Well	Average	Units
Carbon tetrachloride	1-K-30	2.50	ppb
Carbon tetrachloride	1-N-14	2.50	ppb
Carbon tetrachloride	1-N-16	2.50	ppb
Carbon tetrachloride	1-N-17	2.50	ppb
Carbon tetrachloride	1-N-2	2.50	ppb
Carbon tetrachloride	1-N-21	2.50	ppb
Carbon tetrachloride	1-N-23	2.50	ppb
Carbon tetrachloride	1-N-24	2.50	ppb
Carbon tetrachloride	1-N-25	2.50	ppb
Carbon tetrachloride	1-N-26	2.50	ppb
Carbon tetrachloride	1-N-27	2.50	ppb
Carbon tetrachloride	1-N-28	2.50	ppb
Carbon tetrachloride	1-N-29	2.50	ppb
Carbon tetrachloride	1-N-3	2.50	ppb
Carbon tetrachloride	1-N-31	2.50	ppb
Carbon tetrachloride	1-N-32	2.50	ppb
Carbon tetrachloride	1-N-33	2.50	ppb
Carbon tetrachloride	1-N-36	2.50	ppb
Carbon tetrachloride	1-N-39	2.50	ppb
Carbon tetrachloride	1-N-4	2.50	ppb
Carbon tetrachloride	1-N-41	2.50	ppb
Carbon tetrachloride	1-N-42	2.50	ppb
Carbon tetrachloride	1-N-49	2.50	ppb
Carbon tetrachloride	1-N-52	2.50	ppb
Carbon tetrachloride	1-N-54	2.50	ppb
Carbon tetrachloride	1-N-55	2.50	ppb
Carbon tetrachloride	1-N-56	2.50	ppb
Carbon tetrachloride	1-N-57	2.50	ppb
Carbon tetrachloride	1-N-58	2.50	ppb
Carbon tetrachloride	1-N-59	2.50	ppb
Carbon tetrachloride	1-N-60	2.50	ppb
Carbon tetrachloride	1-N-61	2.50	ppb
Carbon tetrachloride	1-N-66	2.50	ppb
Carbon tetrachloride	1-N-67	2.50	ppb
Carbon tetrachloride	1-N-69	2.50	ppb
Carbon tetrachloride	11-37-16	2.50	ppb
Carbon tetrachloride	11-39-15	2.50	ppb
Carbon tetrachloride	11-39-16C	2.50	ppb
Carbon tetrachloride	11-39-16E	2.50	ppb
Carbon tetrachloride	11-40-15	2.50	ppb
Carbon tetrachloride	11-40-16B	2.50	ppb
Carbon tetrachloride	11-41-13C	2.50	ppb
Carbon tetrachloride	2-E13-14	2.50	ppb
Carbon tetrachloride	2-E13-5	2.50	ppb
Carbon tetrachloride	2-E16-2	2.50	ppb

9413137.0321

Constituent	Well	Average	Units
Carbon tetrachloride	2-E17-1	2.50	ppb
Carbon tetrachloride	2-E17-12	2.50	ppb
Carbon tetrachloride	2-E17-13	2.50	ppb
Carbon tetrachloride	2-E17-14	2.50	ppb
Carbon tetrachloride	2-E17-15	2.50	ppb
Carbon tetrachloride	2-E17-16	2.50	ppb
Carbon tetrachloride	2-E17-17	2.50	ppb
Carbon tetrachloride	2-E17-18	2.50	ppb
Carbon tetrachloride	2-E17-19	2.50	ppb
Carbon tetrachloride	2-E17-20	2.50	ppb
Carbon tetrachloride	2-E17-5	2.50	ppb
Carbon tetrachloride	2-E17-6	2.50	ppb
Carbon tetrachloride	2-E17-9	2.50	ppb
Carbon tetrachloride	2-E18-1	2.50	ppb
Carbon tetrachloride	2-E18-2	2.50	ppb
Carbon tetrachloride	2-E18-3	2.50	ppb
Carbon tetrachloride	2-E18-4	2.50	ppb
Carbon tetrachloride	2-E23-1	2.50	ppb
Carbon tetrachloride	2-E24-16	2.50	ppb
Carbon tetrachloride	2-E24-17	2.50	ppb
Carbon tetrachloride	2-E24-18	2.50	ppb
Carbon tetrachloride	2-E24-19	2.50	ppb
Carbon tetrachloride	2-E24-2	2.50	ppb
Carbon tetrachloride	2-E24-7	2.50	ppb
Carbon tetrachloride	2-E25-11	2.50	ppb
Carbon tetrachloride	2-E25-13	2.50	ppb
Carbon tetrachloride	2-E25-17	2.50	ppb
Carbon tetrachloride	2-E25-18	2.50	ppb
Carbon tetrachloride	2-E25-19	2.50	ppb
Carbon tetrachloride	2-E25-20	2.50	ppb
Carbon tetrachloride	2-E25-21	2.50	ppb
Carbon tetrachloride	2-E25-22	2.50	ppb
Carbon tetrachloride	2-E25-23	2.50	ppb
Carbon tetrachloride	2-E25-24	2.50	ppb
Carbon tetrachloride	2-E25-25	2.50	ppb
Carbon tetrachloride	2-E25-26	2.50	ppb
Carbon tetrachloride	2-E25-28	2.50	ppb
Carbon tetrachloride	2-E25-29P	2.50	ppb
Carbon tetrachloride	2-E25-30P	2.50	ppb
Carbon tetrachloride	2-E25-31	2.50	ppb
Carbon tetrachloride	2-E25-32P	2.50	ppb
Carbon tetrachloride	2-E25-33	2.50	ppb
Carbon tetrachloride	2-E25-34	2.50	ppb
Carbon tetrachloride	2-E25-35	2.50	ppb
Carbon tetrachloride	2-E25-36	2.50	ppb

Constituent	Well	Average	Units
Carbon tetrachloride	2-E25-37	2.50	ppb
Carbon tetrachloride	2-E25-38	2.50	ppb
Carbon tetrachloride	2-E25-39	2.50	ppb
Carbon tetrachloride	2-E25-41	2.50	ppb
Carbon tetrachloride	2-E25-42	2.50	ppb
Carbon tetrachloride	2-E25-43	2.50	ppb
Carbon tetrachloride	2-E25-6	2.50	ppb
Carbon tetrachloride	2-E25-9	2.50	ppb
Carbon tetrachloride	2-E26-10	2.50	ppb
Carbon tetrachloride	2-E26-11	2.50	ppb
Carbon tetrachloride	2-E26-12	2.50	ppb
Carbon tetrachloride	2-E26-13	2.50	ppb
Carbon tetrachloride	2-E26-5	2.50	ppb
Carbon tetrachloride	2-E26-9	2.50	ppb
Carbon tetrachloride	2-E27-10	2.50	ppb
Carbon tetrachloride	2-E27-11	2.50	ppb
Carbon tetrachloride	2-E27-12	2.50	ppb
Carbon tetrachloride	2-E27-15	2.50	ppb
Carbon tetrachloride	2-E27-16	2.50	ppb
Carbon tetrachloride	2-E27-8	2.50	ppb
Carbon tetrachloride	2-E27-9	2.50	ppb
Carbon tetrachloride	2-E28-12	2.50	ppb
Carbon tetrachloride	2-E28-13	2.50	ppb
Carbon tetrachloride	2-E28-18	2.50	ppb
Carbon tetrachloride	2-E28-21	2.50	ppb
Carbon tetrachloride	2-E28-23	2.50	ppb
Carbon tetrachloride	2-E28-26	2.50	ppb
Carbon tetrachloride	2-E28-27	2.50	ppb
Carbon tetrachloride	2-E28-28	2.50	ppb
Carbon tetrachloride	2-E28-7	2.50	ppb
Carbon tetrachloride	2-E32-1	2.50	ppb
Carbon tetrachloride	2-E32-2	2.50	ppb
Carbon tetrachloride	2-E32-3	2.50	ppb
Carbon tetrachloride	2-E32-4	2.50	ppb
Carbon tetrachloride	2-E32-5	2.50	ppb
Carbon tetrachloride	2-E33-1	2.50	ppb
Carbon tetrachloride	2-E33-10	2.50	ppb
Carbon tetrachloride	2-E33-28	2.50	ppb
Carbon tetrachloride	2-E33-29	2.50	ppb
Carbon tetrachloride	2-E33-3	2.50	ppb
Carbon tetrachloride	2-E33-30	2.50	ppb
Carbon tetrachloride	2-E33-34	2.50	ppb
Carbon tetrachloride	2-E33-35	2.50	ppb
Carbon tetrachloride	2-E33-36	2.50	ppb
Carbon tetrachloride	2-E33-37	2.50	ppb

Constituent	Well	Average	Units
Carbon tetrachloride	2-E33-41	2.50	ppb
Carbon tetrachloride	2-E33-5	2.50	ppb
Carbon tetrachloride	2-E34-1	2.50	ppb
Carbon tetrachloride	2-E34-2	2.50	ppb
Carbon tetrachloride	2-E34-3	2.50	ppb
Carbon tetrachloride	2-E34-5	2.50	ppb
Carbon tetrachloride	2-E34-6	2.50	ppb
Carbon tetrachloride	2-E34-7	2.50	ppb
Carbon tetrachloride	2-E34-8	2.50	ppb
Carbon tetrachloride	2-E35-1	2.50	ppb
Carbon tetrachloride	2-E35-2	2.50	ppb
Carbon tetrachloride	2-W10-13	13.36	ppb
Carbon tetrachloride	2-W10-14	2.50	ppb
Carbon tetrachloride	2-W10-16	690.00	ppb
Carbon tetrachloride	2-W10-17	170.00	ppb
Carbon tetrachloride	2-W10-18	1100.00	ppb
Carbon tetrachloride	2-W10-4	2663.33	ppb
Carbon tetrachloride	2-W10-8	49.00	ppb
Carbon tetrachloride	2-W10-9	2000.00	ppb
Carbon tetrachloride	2-W11-14	766.67	ppb
Carbon tetrachloride	2-W11-23	9.70	ppb
Carbon tetrachloride	2-W11-7	2290.00	ppb
Carbon tetrachloride	2-W14-10	2.50	ppb
Carbon tetrachloride	2-W14-2	857.50	ppb
Carbon tetrachloride	2-W14-5	630.00	ppb
Carbon tetrachloride	2-W14-6	301.25	ppb
Carbon tetrachloride	2-W15-10	3620.00	ppb
Carbon tetrachloride	2-W15-11	4900.00	ppb
Carbon tetrachloride	2-W15-12	1580.00	ppb
Carbon tetrachloride	2-W15-15	655.22	ppb
Carbon tetrachloride	2-W15-16	6573.00	ppb
Carbon tetrachloride	2-W15-17	2.50	ppb
Carbon tetrachloride	2-W15-18	1360.33	ppb
Carbon tetrachloride	2-W15-19	1104.00	ppb
Carbon tetrachloride	2-W15-20	200.83	ppb
Carbon tetrachloride	2-W15-22	1230.00	ppb
Carbon tetrachloride	2-W15-23	453.75	ppb
Carbon tetrachloride	2-W15-24	222.80	ppb
Carbon tetrachloride	2-W15-4	1960.00	ppb
Carbon tetrachloride	2-W15-7	2133.33	ppb
Carbon tetrachloride	2-W15-8	620.00	ppb
Carbon tetrachloride	2-W18-15	106.33	ppb
Carbon tetrachloride	2-W18-17	702.80	ppb
Carbon tetrachloride	2-W18-20	62.17	ppb
Carbon tetrachloride	2-W18-21	176.80	ppb

Constituent	Well	Average	Units
Carbon tetrachloride	2-W18-22	2.50	ppb
Carbon tetrachloride	2-W18-23	666.00	ppb
Carbon tetrachloride	2-W18-24	751.70	ppb
Carbon tetrachloride	2-W18-25	5.70	ppb
Carbon tetrachloride	2-W18-26	185.83	ppb
Carbon tetrachloride	2-W18-27	370.00	ppb
Carbon tetrachloride	2-W18-28	52.67	ppb
Carbon tetrachloride	2-W18-4	137.33	ppb
Carbon tetrachloride	2-W18-5	3516.67	ppb
Carbon tetrachloride	2-W18-9	180.33	ppb
Carbon tetrachloride	2-W19-1	4.75	ppb
Carbon tetrachloride	2-W19-11	115.00	ppb
Carbon tetrachloride	2-W19-12	20.00	ppb
Carbon tetrachloride	2-W19-13	36.00	ppb
Carbon tetrachloride	2-W19-15	84.20	ppb
Carbon tetrachloride	2-W19-16	175.33	ppb
Carbon tetrachloride	2-W19-18	64.20	ppb
Carbon tetrachloride	2-W19-19	15.00	ppb
Carbon tetrachloride	2-W19-2	22.00	ppb
Carbon tetrachloride	2-W19-20	29.00	ppb
Carbon tetrachloride	2-W19-21	2.50	ppb
Carbon tetrachloride	2-W19-23	28.50	ppb
Carbon tetrachloride	2-W19-24	19.83	ppb
Carbon tetrachloride	2-W19-25	26.00	ppb
Carbon tetrachloride	2-W19-26	31.67	ppb
Carbon tetrachloride	2-W19-27	12.00	ppb
Carbon tetrachloride	2-W19-28	65.75	ppb
Carbon tetrachloride	2-W19-29	86.33	ppb
Carbon tetrachloride	2-W19-3	140.75	ppb
Carbon tetrachloride	2-W19-30	18.00	ppb
Carbon tetrachloride	2-W19-31	130.00	ppb
Carbon tetrachloride	2-W19-5	2.50	ppb
Carbon tetrachloride	2-W19-9	136.20	ppb
Carbon tetrachloride	2-W22-1	2.50	ppb
Carbon tetrachloride	2-W22-12	2.50	ppb
Carbon tetrachloride	2-W22-20	10.16	ppb
Carbon tetrachloride	2-W22-21	2.50	ppb
Carbon tetrachloride	2-W22-22	2.50	ppb
Carbon tetrachloride	2-W22-26	2.50	ppb
Carbon tetrachloride	2-W22-39	2.50	ppb
Carbon tetrachloride	2-W22-40	7.88	ppb
Carbon tetrachloride	2-W22-41	6.18	ppb
Carbon tetrachloride	2-W22-42	4.82	ppb
Carbon tetrachloride	2-W23-10	2.50	ppb
Carbon tetrachloride	2-W23-11	2.50	ppb

9413137.0329

Constituent	Well	Average	Units
Carbon tetrachloride	2-W23-14	2.50	ppb
Carbon tetrachloride	2-W23-9	2.50	ppb
Carbon tetrachloride	2-W26-10	2.50	ppb
Carbon tetrachloride	2-W26-12	2.50	ppb
Carbon tetrachloride	2-W26-6	2.50	ppb
Carbon tetrachloride	2-W26-7	2.50	ppb
Carbon tetrachloride	2-W26-8	2.50	ppb
Carbon tetrachloride	2-W26-9	2.50	ppb
Carbon tetrachloride	2-W27-1	2.50	ppb
Carbon tetrachloride	2-W6-2	99.56	ppb
Carbon tetrachloride	2-W6-4	183.33	ppb
Carbon tetrachloride	2-W6-5	270.00	ppb
Carbon tetrachloride	2-W6-6	2.50	ppb
Carbon tetrachloride	2-W6-7	200.00	ppb
Carbon tetrachloride	2-W6-8	2.50	ppb
Carbon tetrachloride	2-W7-1	2.50	ppb
Carbon tetrachloride	2-W7-10	2.50	ppb
Carbon tetrachloride	2-W7-11	2.50	ppb
Carbon tetrachloride	2-W7-12	2.50	ppb
Carbon tetrachloride	2-W7-2	2.50	ppb
Carbon tetrachloride	2-W7-3	2.50	ppb
Carbon tetrachloride	2-W7-4	254.96	ppb
Carbon tetrachloride	2-W7-5	39.54	ppb
Carbon tetrachloride	2-W7-6	2.50	ppb
Carbon tetrachloride	2-W7-7	2.50	ppb
Carbon tetrachloride	2-W7-8	6.61	ppb
Carbon tetrachloride	2-W7-9	2.50	ppb
Carbon tetrachloride	2-W8-1	2.75	ppb
Carbon tetrachloride	2-W9-1	2.50	ppb
Carbon tetrachloride	3-1-1	2.50	ppb
Carbon tetrachloride	3-1-10	2.50	ppb
Carbon tetrachloride	3-1-11	2.50	ppb
Carbon tetrachloride	3-1-12	2.50	ppb
Carbon tetrachloride	3-1-13	2.50	ppb
Carbon tetrachloride	3-1-14	2.50	ppb
Carbon tetrachloride	3-1-15	2.50	ppb
Carbon tetrachloride	3-1-16A	2.50	ppb
Carbon tetrachloride	3-1-16B	2.50	ppb
Carbon tetrachloride	3-1-16C	2.50	ppb
Carbon tetrachloride	3-1-17A	2.50	ppb
Carbon tetrachloride	3-1-17B	2.50	ppb
Carbon tetrachloride	3-1-17C	2.50	ppb
Carbon tetrachloride	3-1-18A	2.65	ppb
Carbon tetrachloride	3-1-18B	2.50	ppb
Carbon tetrachloride	3-1-18C	2.50	ppb

Constituent	Well	Average	Units
Carbon tetrachloride	3-1-19	2.50	ppb
Carbon tetrachloride	3-1-2	2.50	ppb
Carbon tetrachloride	3-1-3	2.50	ppb
Carbon tetrachloride	3-1-4	2.50	ppb
Carbon tetrachloride	3-1-6	2.50	ppb
Carbon tetrachloride	3-1-7	2.50	ppb
Carbon tetrachloride	3-1-8	2.50	ppb
Carbon tetrachloride	3-1-9	2.50	ppb
Carbon tetrachloride	3-2-1	2.50	ppb
Carbon tetrachloride	3-2-2	2.50	ppb
Carbon tetrachloride	3-3-10	2.50	ppb
Carbon tetrachloride	3-3-7	2.50	ppb
Carbon tetrachloride	3-3-9	2.50	ppb
Carbon tetrachloride	3-4-1	2.50	ppb
Carbon tetrachloride	3-4-11	2.50	ppb
Carbon tetrachloride	3-4-7	2.50	ppb
Carbon tetrachloride	3-8-1	2.50	ppb
Carbon tetrachloride	3-8-2	2.50	ppb
Carbon tetrachloride	3-8-3	2.50	ppb
Carbon tetrachloride	30-42-16	2.50	ppb
Carbon tetrachloride	4-S1-7C	2.50	ppb
Carbon tetrachloride	4-S1-8A	2.50	ppb
Carbon tetrachloride	4-S1-8B	2.50	ppb
Carbon tetrachloride	6-10-E12	2.50	ppb
Carbon tetrachloride	6-14-38	2.50	ppb
Carbon tetrachloride	6-19-43	2.50	ppb
Carbon tetrachloride	6-2-7	2.50	ppb
Carbon tetrachloride	6-20-39	2.50	ppb
Carbon tetrachloride	6-23-34	2.78	ppb
Carbon tetrachloride	6-24-1P	2.50	ppb
Carbon tetrachloride	6-24-1Q	2.50	ppb
Carbon tetrachloride	6-24-1R	2.50	ppb
Carbon tetrachloride	6-24-1S	2.50	ppb
Carbon tetrachloride	6-24-33	2.50	ppb
Carbon tetrachloride	6-24-34A	2.50	ppb
Carbon tetrachloride	6-24-34B	2.73	ppb
Carbon tetrachloride	6-24-34C	2.50	ppb
Carbon tetrachloride	6-24-35	2.50	ppb
Carbon tetrachloride	6-24-46	2.50	ppb
Carbon tetrachloride	6-25-33A	2.50	ppb
Carbon tetrachloride	6-25-34A	2.50	ppb
Carbon tetrachloride	6-25-34B	2.50	ppb
Carbon tetrachloride	6-25-34C	2.50	ppb
Carbon tetrachloride	6-26-33	2.50	ppb
Carbon tetrachloride	6-26-34	2.50	ppb

9413137.0227

Constituent	Well	Average	Units
Carbon tetrachloride	6-26-35A	2.50	ppb
Carbon tetrachloride	6-26-35C	2.50	ppb
Carbon tetrachloride	6-28-40P	2.50	ppb
Carbon tetrachloride	6-29-78	2.50	ppb
Carbon tetrachloride	6-31-31P	2.50	ppb
Carbon tetrachloride	6-32-70B	2.50	ppb
Carbon tetrachloride	6-32-72	2.50	ppb
Carbon tetrachloride	6-32-77	2.50	ppb
Carbon tetrachloride	6-34-42	2.50	ppb
Carbon tetrachloride	6-35-66	2.50	ppb
Carbon tetrachloride	6-35-70	2.50	ppb
Carbon tetrachloride	6-36-61A	2.50	ppb
Carbon tetrachloride	6-37-82A	2.50	ppb
Carbon tetrachloride	6-37-E4	2.50	ppb
Carbon tetrachloride	6-38-70	41.80	ppb
Carbon tetrachloride	6-39-39	2.50	ppb
Carbon tetrachloride	6-39-79	778.89	ppb
Carbon tetrachloride	6-40-62	2.50	ppb
Carbon tetrachloride	6-41-1	2.50	ppb
Carbon tetrachloride	6-42-2	2.50	ppb
Carbon tetrachloride	6-42-40A	2.50	ppb
Carbon tetrachloride	6-42-40B	2.50	ppb
Carbon tetrachloride	6-42-42B	2.50	ppb
Carbon tetrachloride	6-43-3	2.50	ppb
Carbon tetrachloride	6-43-41E	2.50	ppb
Carbon tetrachloride	6-43-41F	2.50	ppb
Carbon tetrachloride	6-43-42J	2.50	ppb
Carbon tetrachloride	6-43-43	2.50	ppb
Carbon tetrachloride	6-43-45	2.50	ppb
Carbon tetrachloride	6-43-88	2.50	ppb
Carbon tetrachloride	6-44-42	2.50	ppb
Carbon tetrachloride	6-44-43B	2.50	ppb
Carbon tetrachloride	6-44-64	2.50	ppb
Carbon tetrachloride	6-45-2	2.50	ppb
Carbon tetrachloride	6-45-42	2.50	ppb
Carbon tetrachloride	6-45-69A	2.50	ppb
Carbon tetrachloride	6-46-4	2.50	ppb
Carbon tetrachloride	6-47-46A	2.50	ppb
Carbon tetrachloride	6-47-5	2.50	ppb
Carbon tetrachloride	6-47-60	2.50	ppb
Carbon tetrachloride	6-48-18	2.50	ppb
Carbon tetrachloride	6-48-71	2.50	ppb
Carbon tetrachloride	6-49-100C	2.50	ppb
Carbon tetrachloride	6-49-55A	2.50	ppb
Carbon tetrachloride	6-49-79	2.50	ppb

Constituent	Well	Average	Units
Carbon tetrachloride	6-50-53A	2.50	ppb
Carbon tetrachloride	6-50-85	2.50	ppb
Carbon tetrachloride	6-53-47A	2.50	ppb
Carbon tetrachloride	6-55-50C	2.50	ppb
Carbon tetrachloride	6-55-70	2.50	ppb
Carbon tetrachloride	6-55-76	2.50	ppb
Carbon tetrachloride	6-60-60	2.50	ppb
Carbon tetrachloride	6-65-72	2.50	ppb
Carbon tetrachloride	6-65-83	2.50	ppb
Carbon tetrachloride	6-66-23	2.50	ppb
Carbon tetrachloride	6-67-86	2.50	ppb
Carbon tetrachloride	6-70-68	2.50	ppb
Carbon tetrachloride	6-71-30	2.50	ppb
Carbon tetrachloride	6-71-52	2.50	ppb
Carbon tetrachloride	6-71-77	2.50	ppb
Carbon tetrachloride	6-72-73	2.50	ppb
Carbon tetrachloride	6-73-61	2.50	ppb
Carbon tetrachloride	6-74-44	2.50	ppb
Carbon tetrachloride	6-77-36	2.50	ppb
Carbon tetrachloride	6-78-62	2.50	ppb
Carbon tetrachloride	6-80-43P	2.50	ppb
Carbon tetrachloride	6-80-43Q	2.50	ppb
Carbon tetrachloride	6-80-43R	2.50	ppb
Carbon tetrachloride	6-80-43S	2.50	ppb
Carbon tetrachloride	6-81-58	2.50	ppb
Carbon tetrachloride	6-83-47	2.50	ppb
Carbon tetrachloride	6-96-49	2.50	ppb
Carbon tetrachloride	6-97-43	2.50	ppb
Carbon tetrachloride	6-97-51A	2.50	ppb
Carbon tetrachloride	6-S19-E13	2.50	ppb
Carbon tetrachloride	6-S27-E14	2.50	ppb
Carbon tetrachloride	6-S29-E12	2.50	ppb
Carbon tetrachloride	6-S3-E12	2.50	ppb
Carbon tetrachloride	6-S31-1	2.50	ppb
Carbon tetrachloride	6-S31-1P	2.50	ppb
Carbon tetrachloride	6-S31-E13	2.50	ppb
Carbon tetrachloride	6-S32-E13A	2.50	ppb
Carbon tetrachloride	6-S32-E13B	2.50	ppb
Carbon tetrachloride	6-S32-E8	2.50	ppb
Carbon tetrachloride	6-S36-E13A	2.50	ppb
Carbon tetrachloride	6-S37-E14	2.50	ppb
Carbon tetrachloride	6-S38-E12B	2.50	ppb
Carbon tetrachloride	6-S40-E14	2.50	ppb
Carbon tetrachloride	6-S41-E11	2.50	ppb
Carbon tetrachloride	6-S41-E13A	2.50	ppb

9413127.0229

Constituent	Well	Average	Units
Carbon tetrachloride	6-S41-E13B	2.50	ppb
Carbon tetrachloride	6-S41-E13C	2.50	ppb
Carbon tetrachloride	6-S43-E12	2.50	ppb
Carbon tetrachloride	6-S7-34	2.50	ppb
Cesium-137	1-B4-2	10.00	pCi/L
Cesium-137	1-B4-3	10.00	pCi/L
Cesium-137	1-B4-4	10.00	pCi/L
Cesium-137	1-B5-1	10.00	pCi/L
Cesium-137	1-B9-1	10.00	pCi/L
Cesium-137	2-E13-14	10.00	pCi/L
Cesium-137	2-E13-19	10.00	pCi/L
Cesium-137	2-E13-5	10.00	pCi/L
Cesium-137	2-E13-8	10.00	pCi/L
Cesium-137	2-E16-2	10.00	pCi/L
Cesium-137	2-E17-1	10.00	pCi/L
Cesium-137	2-E17-12	10.00	pCi/L
Cesium-137	2-E17-13	10.00	pCi/L
Cesium-137	2-E17-14	10.00	pCi/L
Cesium-137	2-E17-15	10.00	pCi/L
Cesium-137	2-E17-16	10.00	pCi/L
Cesium-137	2-E17-17	10.00	pCi/L
Cesium-137	2-E17-18	10.00	pCi/L
Cesium-137	2-E17-19	10.00	pCi/L
Cesium-137	2-E17-2	10.00	pCi/L
Cesium-137	2-E17-20	10.00	pCi/L
Cesium-137	2-E17-5	10.00	pCi/L
Cesium-137	2-E17-6	10.00	pCi/L
Cesium-137	2-E17-8	10.00	pCi/L
Cesium-137	2-E17-9	10.00	pCi/L
Cesium-137	2-E18-1	10.00	pCi/L
Cesium-137	2-E18-2	10.00	pCi/L
Cesium-137	2-E18-3	10.00	pCi/L
Cesium-137	2-E18-4	10.00	pCi/L
Cesium-137	2-E23-1	10.00	pCi/L
Cesium-137	2-E24-1	10.00	pCi/L
Cesium-137	2-E24-11	10.00	pCi/L
Cesium-137	2-E24-12	10.00	pCi/L
Cesium-137	2-E24-13	10.00	pCi/L
Cesium-137	2-E24-16	10.00	pCi/L
Cesium-137	2-E24-17	10.00	pCi/L
Cesium-137	2-E24-18	10.00	pCi/L
Cesium-137	2-E24-19	10.00	pCi/L
Cesium-137	2-E24-2	10.00	pCi/L

9413137.0230

Constituent	Well	Average	Units
Cesium-137	2-E24-20	10.00	pCi/L
Cesium-137	2-E24-4	10.00	pCi/L
Cesium-137	2-E24-7	10.00	pCi/L
Cesium-137	2-E24-8	10.00	pCi/L
Cesium-137	2-E25-10	10.00	pCi/L
Cesium-137	2-E25-11	10.00	pCi/L
Cesium-137	2-E25-17	10.00	pCi/L
Cesium-137	2-E25-18	10.00	pCi/L
Cesium-137	2-E25-19	10.00	pCi/L
Cesium-137	2-E25-2	10.00	pCi/L
Cesium-137	2-E25-20	10.00	pCi/L
Cesium-137	2-E25-21	10.00	pCi/L
Cesium-137	2-E25-22	10.00	pCi/L
Cesium-137	2-E25-23	10.00	pCi/L
Cesium-137	2-E25-24	10.00	pCi/L
Cesium-137	2-E25-25	10.00	pCi/L
Cesium-137	2-E25-26	10.00	pCi/L
Cesium-137	2-E25-27	10.00	pCi/L
Cesium-137	2-E25-28	10.00	pCi/L
Cesium-137	2-E25-29P	10.00	pCi/L
Cesium-137	2-E25-30P	10.00	pCi/L
Cesium-137	2-E25-31	10.00	pCi/L
Cesium-137	2-E25-32P	10.00	pCi/L
Cesium-137	2-E25-33	10.00	pCi/L
Cesium-137	2-E25-34	10.00	pCi/L
Cesium-137	2-E25-35	10.00	pCi/L
Cesium-137	2-E25-36	10.00	pCi/L
Cesium-137	2-E25-37	10.00	pCi/L
Cesium-137	2-E25-39	10.00	pCi/L
Cesium-137	2-E25-40	10.00	pCi/L
Cesium-137	2-E25-41	10.00	pCi/L
Cesium-137	2-E25-6	10.00	pCi/L
Cesium-137	2-E25-9	10.00	pCi/L
Cesium-137	2-E26-11	10.00	pCi/L
Cesium-137	2-E26-6	10.00	pCi/L
Cesium-137	2-E26-9	10.00	pCi/L
Cesium-137	2-E27-10	10.00	pCi/L
Cesium-137	2-E27-11	10.00	pCi/L
Cesium-137	2-E27-12	10.00	pCi/L
Cesium-137	2-E27-13	10.00	pCi/L
Cesium-137	2-E27-14	10.00	pCi/L
Cesium-137	2-E27-15	10.00	pCi/L
Cesium-137	2-E27-16	10.00	pCi/L
Cesium-137	2-E27-5	10.00	pCi/L
Cesium-137	2-E27-7	10.00	pCi/L

9413137.0231

Constituent	Well	Average	Units
Cesium-137	2-E27-8	10.00	pCi/L
Cesium-137	2-E27-9	10.00	pCi/L
Cesium-137	2-E28-1	10.00	pCi/L
Cesium-137	2-E28-12	10.00	pCi/L
Cesium-137	2-E28-13	10.00	pCi/L
Cesium-137	2-E28-18	10.00	pCi/L
Cesium-137	2-E28-21	10.00	pCi/L
Cesium-137	2-E28-23	1328.40	pCi/L
Cesium-137	2-E28-24	112.31	pCi/L
Cesium-137	2-E28-25	246.53	pCi/L
Cesium-137	2-E28-26	10.00	pCi/L
Cesium-137	2-E28-27	10.00	pCi/L
Cesium-137	2-E28-28	10.00	pCi/L
Cesium-137	2-E28-7	10.00	pCi/L
Cesium-137	2-E32-1	10.00	pCi/L
Cesium-137	2-E32-2	10.00	pCi/L
Cesium-137	2-E32-3	10.00	pCi/L
Cesium-137	2-E32-4	10.00	pCi/L
Cesium-137	2-E32-5	10.00	pCi/L
Cesium-137	2-E33-1	10.00	pCi/L
Cesium-137	2-E33-13	10.00	pCi/L
Cesium-137	2-E33-14	10.00	pCi/L
Cesium-137	2-E33-15	10.00	pCi/L
Cesium-137	2-E33-18	10.00	pCi/L
Cesium-137	2-E33-21	10.00	pCi/L
Cesium-137	2-E33-24	10.00	pCi/L
Cesium-137	2-E33-26	10.00	pCi/L
Cesium-137	2-E33-28	10.00	pCi/L
Cesium-137	2-E33-29	10.00	pCi/L
Cesium-137	2-E33-3	10.00	pCi/L
Cesium-137	2-E33-30	10.00	pCi/L
Cesium-137	2-E33-31	10.00	pCi/L
Cesium-137	2-E33-32	10.00	pCi/L
Cesium-137	2-E33-33	10.00	pCi/L
Cesium-137	2-E33-34	10.00	pCi/L
Cesium-137	2-E33-35	10.00	pCi/L
Cesium-137	2-E33-36	10.00	pCi/L
Cesium-137	2-E33-37	10.00	pCi/L
Cesium-137	2-E33-38	10.00	pCi/L
Cesium-137	2-E33-39	10.00	pCi/L
Cesium-137	2-E33-4	10.00	pCi/L
Cesium-137	2-E33-41	10.00	pCi/L
Cesium-137	2-E33-42	10.00	pCi/L
Cesium-137	2-E33-43	10.00	pCi/L
Cesium-137	2-E33-5	10.00	pCi/L

9413137.0232

Constituent	Well	Average	Units
Cesium-137	2-E33-7	10.00	pCi/L
Cesium-137	2-E33-8	10.00	pCi/L
Cesium-137	2-E33-9	10.00	pCi/L
Cesium-137	2-E34-1	10.00	pCi/L
Cesium-137	2-E34-2	10.00	pCi/L
Cesium-137	2-E34-3	10.00	pCi/L
Cesium-137	2-E34-5	10.00	pCi/L
Cesium-137	2-E34-6	10.00	pCi/L
Cesium-137	2-E34-7	10.00	pCi/L
Cesium-137	2-E34-8	10.00	pCi/L
Cesium-137	2-E35-1	10.00	pCi/L
Cesium-137	2-W10-1	10.00	pCi/L
Cesium-137	2-W10-13	10.00	pCi/L
Cesium-137	2-W10-14	10.00	pCi/L
Cesium-137	2-W10-15	10.00	pCi/L
Cesium-137	2-W10-16	10.00	pCi/L
Cesium-137	2-W10-17	10.00	pCi/L
Cesium-137	2-W10-18	10.00	pCi/L
Cesium-137	2-W10-3	10.00	pCi/L
Cesium-137	2-W10-4	10.00	pCi/L
Cesium-137	2-W10-8	10.00	pCi/L
Cesium-137	2-W10-9	10.00	pCi/L
Cesium-137	2-W11-11	10.00	pCi/L
Cesium-137	2-W11-14	10.00	pCi/L
Cesium-137	2-W11-18	10.00	pCi/L
Cesium-137	2-W11-23	10.00	pCi/L
Cesium-137	2-W11-24	10.00	pCi/L
Cesium-137	2-W14-10	10.00	pCi/L
Cesium-137	2-W14-2	10.00	pCi/L
Cesium-137	2-W14-5	10.00	pCi/L
Cesium-137	2-W14-6	10.00	pCi/L
Cesium-137	2-W15-10	10.00	pCi/L
Cesium-137	2-W15-11	10.00	pCi/L
Cesium-137	2-W15-15	10.00	pCi/L
Cesium-137	2-W15-16	10.00	pCi/L
Cesium-137	2-W15-17	10.00	pCi/L
Cesium-137	2-W15-18	10.00	pCi/L
Cesium-137	2-W15-19	10.00	pCi/L
Cesium-137	2-W15-2	10.00	pCi/L
Cesium-137	2-W15-20	10.00	pCi/L
Cesium-137	2-W15-22	10.00	pCi/L
Cesium-137	2-W15-23	10.00	pCi/L
Cesium-137	2-W15-24	10.00	pCi/L
Cesium-137	2-W15-3	10.00	pCi/L
Cesium-137	2-W15-4	10.00	pCi/L

9413137.0633

Constituent	Well	Average	Units
Cesium-137	2-W15-6	10.00	pCi/L
Cesium-137	2-W15-7	10.00	pCi/L
Cesium-137	2-W15-8	10.00	pCi/L
Cesium-137	2-W18-15	10.00	pCi/L
Cesium-137	2-W18-17	10.00	pCi/L
Cesium-137	2-W18-20	10.00	pCi/L
Cesium-137	2-W18-21	10.00	pCi/L
Cesium-137	2-W18-22	10.00	pCi/L
Cesium-137	2-W18-23	10.00	pCi/L
Cesium-137	2-W18-24	10.00	pCi/L
Cesium-137	2-W18-25	10.00	pCi/L
Cesium-137	2-W18-26	10.00	pCi/L
Cesium-137	2-W18-5	10.00	pCi/L
Cesium-137	2-W19-1	10.00	pCi/L
Cesium-137	2-W19-11	10.00	pCi/L
Cesium-137	2-W19-12	10.00	pCi/L
Cesium-137	2-W19-13	10.00	pCi/L
Cesium-137	2-W19-14	10.00	pCi/L
Cesium-137	2-W19-15	10.00	pCi/L
Cesium-137	2-W19-16	10.00	pCi/L
Cesium-137	2-W19-17	10.00	pCi/L
Cesium-137	2-W19-18	10.00	pCi/L
Cesium-137	2-W19-19	10.00	pCi/L
Cesium-137	2-W19-2	10.00	pCi/L
Cesium-137	2-W19-20	10.00	pCi/L
Cesium-137	2-W19-21	10.00	pCi/L
Cesium-137	2-W19-23	10.00	pCi/L
Cesium-137	2-W19-24	10.00	pCi/L
Cesium-137	2-W19-25	10.00	pCi/L
Cesium-137	2-W19-26	10.00	pCi/L
Cesium-137	2-W19-27	10.00	pCi/L
Cesium-137	2-W19-28	10.00	pCi/L
Cesium-137	2-W19-29	10.00	pCi/L
Cesium-137	2-W19-3	10.00	pCi/L
Cesium-137	2-W19-30	10.00	pCi/L
Cesium-137	2-W19-31	10.00	pCi/L
Cesium-137	2-W19-32	10.00	pCi/L
Cesium-137	2-W19-9	10.00	pCi/L
Cesium-137	2-W22-1	10.00	pCi/L
Cesium-137	2-W22-10	10.00	pCi/L
Cesium-137	2-W22-12	10.00	pCi/L
Cesium-137	2-W22-18	10.00	pCi/L
Cesium-137	2-W22-2	10.00	pCi/L
Cesium-137	2-W22-20	10.00	pCi/L
Cesium-137	2-W22-21	10.00	pCi/L

Constituent	Well	Average	Units
Cesium-137	2-W22-22	10.00	pCi/L
Cesium-137	2-W22-26	10.00	pCi/L
Cesium-137	2-W22-39	10.00	pCi/L
Cesium-137	2-W22-40	10.00	pCi/L
Cesium-137	2-W22-41	10.00	pCi/L
Cesium-137	2-W22-42	10.00	pCi/L
Cesium-137	2-W23-1	10.00	pCi/L
Cesium-137	2-W23-10	10.00	pCi/L
Cesium-137	2-W23-11	10.00	pCi/L
Cesium-137	2-W23-13	10.00	pCi/L
Cesium-137	2-W23-14	10.00	pCi/L
Cesium-137	2-W23-2	10.00	pCi/L
Cesium-137	2-W23-3	10.00	pCi/L
Cesium-137	2-W23-9	10.00	pCi/L
Cesium-137	2-W26-10	10.00	pCi/L
Cesium-137	2-W26-12	10.00	pCi/L
Cesium-137	2-W26-3	10.00	pCi/L
Cesium-137	2-W26-6	10.00	pCi/L
Cesium-137	2-W26-7	10.00	pCi/L
Cesium-137	2-W27-1	10.00	pCi/L
Cesium-137	2-W6-1	10.00	pCi/L
Cesium-137	2-W6-2	10.00	pCi/L
Cesium-137	2-W6-4	10.00	pCi/L
Cesium-137	2-W6-5	10.00	pCi/L
Cesium-137	2-W6-6	10.00	pCi/L
Cesium-137	2-W6-7	10.00	pCi/L
Cesium-137	2-W6-8	10.00	pCi/L
Cesium-137	2-W7-1	10.00	pCi/L
Cesium-137	2-W7-10	10.00	pCi/L
Cesium-137	2-W7-11	10.00	pCi/L
Cesium-137	2-W7-12	10.00	pCi/L
Cesium-137	2-W7-2	10.00	pCi/L
Cesium-137	2-W7-3	10.00	pCi/L
Cesium-137	2-W7-4	10.00	pCi/L
Cesium-137	2-W7-5	10.00	pCi/L
Cesium-137	2-W7-6	10.00	pCi/L
Cesium-137	2-W7-7	10.00	pCi/L
Cesium-137	2-W7-8	10.00	pCi/L
Cesium-137	2-W7-9	10.00	pCi/L
Cesium-137	2-W8-1	10.00	pCi/L
Cesium-137	2-W9-1	10.00	pCi/L
Cesium-137	6-20-39	10.00	pCi/L
Cesium-137	6-23-34	10.00	pCi/L
Cesium-137	6-24-33	10.00	pCi/L
Cesium-137	6-24-34A	10.00	pCi/L

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Constituent	Well	Average	Units
Cesium-137	6-24-34B	10.00	pCi/L
Cesium-137	6-24-34C	10.00	pCi/L
Cesium-137	6-24-35	10.00	pCi/L
Cesium-137	6-25-34C	10.00	pCi/L
Cesium-137	6-28-40P	10.00	pCi/L
Cesium-137	6-31-31	10.00	pCi/L
Cesium-137	6-31-53B	10.00	pCi/L
Cesium-137	6-32-43	10.00	pCi/L
Cesium-137	6-32-72	10.00	pCi/L
Cesium-137	6-32-77	10.00	pCi/L
Cesium-137	6-34-39A	10.00	pCi/L
Cesium-137	6-34-41B	10.00	pCi/L
Cesium-137	6-34-42	10.00	pCi/L
Cesium-137	6-34-51	10.00	pCi/L
Cesium-137	6-35-70	10.00	pCi/L
Cesium-137	6-35-78A	10.00	pCi/L
Cesium-137	6-36-46Q	10.00	pCi/L
Cesium-137	6-36-46R	10.00	pCi/L
Cesium-137	6-36-61A	10.00	pCi/L
Cesium-137	6-37-82A	10.00	pCi/L
Cesium-137	6-38-65	10.00	pCi/L
Cesium-137	6-38-70	10.00	pCi/L
Cesium-137	6-39-39	10.00	pCi/L
Cesium-137	6-39-79	10.00	pCi/L
Cesium-137	6-40-33A	10.00	pCi/L
Cesium-137	6-40-62	10.00	pCi/L
Cesium-137	6-42-40A	10.00	pCi/L
Cesium-137	6-42-40B	10.00	pCi/L
Cesium-137	6-43-41E	10.00	pCi/L
Cesium-137	6-43-41F	10.00	pCi/L
Cesium-137	6-43-45	10.00	pCi/L
Cesium-137	6-44-43B	10.00	pCi/L
Cesium-137	6-45-42	10.00	pCi/L
Cesium-137	6-45-69A	10.00	pCi/L
Cesium-137	6-47-46A	10.00	pCi/L
Cesium-137	6-47-60	10.00	pCi/L
Cesium-137	6-48-18	10.00	pCi/L
Cesium-137	6-48-50	10.00	pCi/L
Cesium-137	6-48-71	10.00	pCi/L
Cesium-137	6-49-100C	10.00	pCi/L
Cesium-137	6-49-55A	10.00	pCi/L
Cesium-137	6-49-57A	10.00	pCi/L
Cesium-137	6-49-79	10.00	pCi/L
Cesium-137	6-50-42	10.00	pCi/L
Cesium-137	6-50-53A	10.00	pCi/L

Constituent	Well	Average	Units
Cesium-137	6-52-54	10.00	pCi/L
Cesium-137	6-52-57	10.00	pCi/L
Cesium-137	6-53-47A	10.00	pCi/L
Cesium-137	6-53-47B	10.00	pCi/L
Cesium-137	6-53-48A	10.00	pCi/L
Cesium-137	6-53-48B	10.00	pCi/L
Cesium-137	6-53-55A	10.00	pCi/L
Cesium-137	6-54-48	10.00	pCi/L
Cesium-137	6-55-50A	10.00	pCi/L
Cesium-137	6-55-50C	10.00	pCi/L
Cesium-137	6-55-55	10.00	pCi/L
Cesium-137	6-55-57	10.00	pCi/L
Cesium-137	6-55-89	10.00	pCi/L
Cesium-137	6-60-60	10.00	pCi/L
Cesium-137	6-61-62	10.00	pCi/L
Cesium-137	6-61-66	10.00	pCi/L
Cesium-137	6-63-25A	10.00	pCi/L
Cesium-137	6-63-58	10.00	pCi/L
Cesium-137	6-64-62	10.00	pCi/L
Cesium-137	6-65-59A	10.00	pCi/L
Cesium-137	6-66-103	10.00	pCi/L
Cesium-137	6-66-23	10.00	pCi/L
Cesium-137	6-66-58	10.00	pCi/L
Cesium-137	6-66-64	10.00	pCi/L
Chloroform	1-B4-2	5.00	ppb
Chloroform	1-B4-4	5.00	ppb
Chloroform	1-B9-1	5.00	ppb
Chloroform	2-E13-14	5.00	ppb
Chloroform	2-E13-5	5.00	ppb
Chloroform	2-E16-2	5.00	ppb
Chloroform	2-E17-1	5.00	ppb
Chloroform	2-E17-12	5.00	ppb
Chloroform	2-E17-13	5.00	ppb
Chloroform	2-E17-14	5.00	ppb
Chloroform	2-E17-15	5.00	ppb
Chloroform	2-E17-16	5.00	ppb
Chloroform	2-E17-17	5.00	ppb
Chloroform	2-E17-18	5.00	ppb
Chloroform	2-E17-19	5.00	ppb
Chloroform	2-E17-20	5.00	ppb
Chloroform	2-E17-5	5.00	ppb
Chloroform	2-E17-6	5.00	ppb
Chloroform	2-E17-9	5.00	ppb

Constituent	Well	Average	Units
Chloroform	2-E18-1	5.00	ppb
Chloroform	2-E18-2	5.00	ppb
Chloroform	2-E18-3	7.22	ppb
Chloroform	2-E18-4	5.00	ppb
Chloroform	2-E23-1	5.00	ppb
Chloroform	2-E24-16	5.00	ppb
Chloroform	2-E24-17	5.00	ppb
Chloroform	2-E24-18	5.00	ppb
Chloroform	2-E24-19	2.50	ppb
Chloroform	2-E24-2	5.00	ppb
Chloroform	2-E24-7	5.00	ppb
Chloroform	2-E25-11	5.00	ppb
Chloroform	2-E25-13	5.00	ppb
Chloroform	2-E25-17	5.00	ppb
Chloroform	2-E25-18	5.00	ppb
Chloroform	2-E25-19	5.00	ppb
Chloroform	2-E25-20	5.00	ppb
Chloroform	2-E25-21	5.00	ppb
Chloroform	2-E25-22	5.00	ppb
Chloroform	2-E25-23	5.00	ppb
Chloroform	2-E25-24	5.00	ppb
Chloroform	2-E25-25	5.00	ppb
Chloroform	2-E25-26	5.00	ppb
Chloroform	2-E25-28	5.00	ppb
Chloroform	2-E25-29P	5.00	ppb
Chloroform	2-E25-30P	5.00	ppb
Chloroform	2-E25-31	5.04	ppb
Chloroform	2-E25-32P	5.00	ppb
Chloroform	2-E25-33	5.00	ppb
Chloroform	2-E25-34	5.00	ppb
Chloroform	2-E25-35	5.00	ppb
Chloroform	2-E25-36	5.00	ppb
Chloroform	2-E25-37	5.00	ppb
Chloroform	2-E25-38	5.00	ppb
Chloroform	2-E25-39	5.00	ppb
Chloroform	2-E25-41	5.00	ppb
Chloroform	2-E25-6	5.00	ppb
Chloroform	2-E25-9	5.00	ppb
Chloroform	2-E26-11	5.00	ppb
Chloroform	2-E26-5	5.00	ppb
Chloroform	2-E26-9	5.00	ppb
Chloroform	2-E27-10	5.00	ppb
Chloroform	2-E27-11	5.00	ppb
Chloroform	2-E27-15	5.00	ppb
Chloroform	2-E27-16	2.50	ppb

Constituent	Well	Average	Units
Chloroform	2-E27-8	5.00	ppb
Chloroform	2-E27-9	5.00	ppb
Chloroform	2-E28-12	5.00	ppb
Chloroform	2-E28-13	5.00	ppb
Chloroform	2-E28-18	5.00	ppb
Chloroform	2-E28-21	5.00	ppb
Chloroform	2-E28-23	5.00	ppb
Chloroform	2-E28-26	5.00	ppb
Chloroform	2-E28-27	5.00	ppb
Chloroform	2-E28-28	5.00	ppb
Chloroform	2-E28-7	5.00	ppb
Chloroform	2-E32-1	5.00	ppb
Chloroform	2-E32-2	5.00	ppb
Chloroform	2-E32-3	5.00	ppb
Chloroform	2-E32-4	5.00	ppb
Chloroform	2-E32-5	5.00	ppb
Chloroform	2-E33-1	5.00	ppb
Chloroform	2-E33-13	5.00	ppb
Chloroform	2-E33-14	5.00	ppb
Chloroform	2-E33-15	5.00	ppb
Chloroform	2-E33-18	5.00	ppb
Chloroform	2-E33-24	5.00	ppb
Chloroform	2-E33-26	5.00	ppb
Chloroform	2-E33-28	5.00	ppb
Chloroform	2-E33-29	5.00	ppb
Chloroform	2-E33-3	5.00	ppb
Chloroform	2-E33-30	5.00	ppb
Chloroform	2-E33-31	5.00	ppb
Chloroform	2-E33-32	5.00	ppb
Chloroform	2-E33-33	5.00	ppb
Chloroform	2-E33-34	5.00	ppb
Chloroform	2-E33-35	5.00	ppb
Chloroform	2-E33-36	2.50	ppb
Chloroform	2-E33-37	2.50	ppb
Chloroform	2-E33-38	5.00	ppb
Chloroform	2-E33-39	5.00	ppb
Chloroform	2-E33-4	5.00	ppb
Chloroform	2-E33-41	5.00	ppb
Chloroform	2-E33-5	5.00	ppb
Chloroform	2-E33-7	5.00	ppb
Chloroform	2-E34-1	5.00	ppb
Chloroform	2-E34-2	5.00	ppb
Chloroform	2-E34-3	5.00	ppb
Chloroform	2-E34-5	5.00	ppb
Chloroform	2-E34-6	5.00	ppb

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Constituent	Well	Average	Units
Chloroform	2-E34-7	5.00	ppb
Chloroform	2-E34-8	2.50	ppb
Chloroform	2-E35-1	5.00	ppb
Chloroform	2-W10-13	2.50	ppb
Chloroform	2-W10-14	5.18	ppb
Chloroform	2-W10-16	7.90	ppb
Chloroform	2-W10-17	2.50	ppb
Chloroform	2-W10-18	9.00	ppb
Chloroform	2-W10-4	19.00	ppb
Chloroform	2-W10-8	5.00	ppb
Chloroform	2-W10-9	15.00	ppb
Chloroform	2-W11-14	6.00	ppb
Chloroform	2-W11-23	2.50	ppb
Chloroform	2-W11-7	26.00	ppb
Chloroform	2-W14-10	2.50	ppb
Chloroform	2-W14-2	8.45	ppb
Chloroform	2-W14-5	6.67	ppb
Chloroform	2-W14-6	2.50	ppb
Chloroform	2-W15-10	20.75	ppb
Chloroform	2-W15-11	31.33	ppb
Chloroform	2-W15-12	23.00	ppb
Chloroform	2-W15-15	5.67	ppb
Chloroform	2-W15-16	40.70	ppb
Chloroform	2-W15-17	2.50	ppb
Chloroform	2-W15-18	16.89	ppb
Chloroform	2-W15-19	154.40	ppb
Chloroform	2-W15-20	8.72	ppb
Chloroform	2-W15-22	14.00	ppb
Chloroform	2-W15-23	5.33	ppb
Chloroform	2-W15-24	41.40	ppb
Chloroform	2-W15-4	17.50	ppb
Chloroform	2-W15-7	16.00	ppb
Chloroform	2-W15-8	1595.00	ppb
Chloroform	2-W18-15	2.50	ppb
Chloroform	2-W18-17	100.75	ppb
Chloroform	2-W18-20	23.67	ppb
Chloroform	2-W18-21	2.50	ppb
Chloroform	2-W18-22	5.00	ppb
Chloroform	2-W18-23	6.52	ppb
Chloroform	2-W18-24	17.27	ppb
Chloroform	2-W18-25	5.00	ppb
Chloroform	2-W18-26	21.20	ppb
Chloroform	2-W18-4	520.67	ppb
Chloroform	2-W18-5	24.67	ppb
Chloroform	2-W18-9	13.67	ppb

Constituent	Well	Average	Units
Chloroform	2-W19-1	2.50	ppb
Chloroform	2-W19-11	2.50	ppb
Chloroform	2-W19-12	5.00	ppb
Chloroform	2-W19-13	2.50	ppb
Chloroform	2-W19-15	2.50	ppb
Chloroform	2-W19-16	2.50	ppb
Chloroform	2-W19-18	2.50	ppb
Chloroform	2-W19-19	2.50	ppb
Chloroform	2-W19-2	2.50	ppb
Chloroform	2-W19-20	2.50	ppb
Chloroform	2-W19-21	5.00	ppb
Chloroform	2-W19-23	5.33	ppb
Chloroform	2-W19-24	2.50	ppb
Chloroform	2-W19-25	2.50	ppb
Chloroform	2-W19-26	2.50	ppb
Chloroform	2-W19-27	5.00	ppb
Chloroform	2-W19-28	7.38	ppb
Chloroform	2-W19-29	5.83	ppb
Chloroform	2-W19-3	2.50	ppb
Chloroform	2-W19-30	5.00	ppb
Chloroform	2-W19-31	2.50	ppb
Chloroform	2-W19-5	5.00	ppb
Chloroform	2-W19-9	2.50	ppb
Chloroform	2-W22-1	5.00	ppb
Chloroform	2-W22-12	5.00	ppb
Chloroform	2-W22-20	9.40	ppb
Chloroform	2-W22-21	5.00	ppb
Chloroform	2-W22-22	5.00	ppb
Chloroform	2-W22-26	5.00	ppb
Chloroform	2-W22-39	5.00	ppb
Chloroform	2-W22-40	2.50	ppb
Chloroform	2-W22-41	2.50	ppb
Chloroform	2-W22-42	2.50	ppb
Chloroform	2-W23-10	5.00	ppb
Chloroform	2-W23-11	5.00	ppb
Chloroform	2-W23-14	5.00	ppb
Chloroform	2-W23-9	5.00	ppb
Chloroform	2-W26-10	2.50	ppb
Chloroform	2-W26-12	2.50	ppb
Chloroform	2-W26-6	5.00	ppb
Chloroform	2-W26-7	5.00	ppb
Chloroform	2-W26-8	5.00	ppb
Chloroform	2-W26-9	5.00	ppb
Chloroform	2-W27-1	8.86	ppb
Chloroform	2-W6-2	2.50	ppb

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Constituent	Well	Average	Units
Chloroform	2-W6-4	11.95	ppb
Chloroform	2-W6-5	17.00	ppb
Chloroform	2-W6-6	5.00	ppb
Chloroform	2-W6-7	8.15	ppb
Chloroform	2-W6-8	5.00	ppb
Chloroform	2-W7-1	2.50	ppb
Chloroform	2-W7-10	2.50	ppb
Chloroform	2-W7-11	2.50	ppb
Chloroform	2-W7-12	2.50	ppb
Chloroform	2-W7-2	2.50	ppb
Chloroform	2-W7-3	2.50	ppb
Chloroform	2-W7-4	5.68	ppb
Chloroform	2-W7-5	2.50	ppb
Chloroform	2-W7-6	5.00	ppb
Chloroform	2-W7-7	2.50	ppb
Chloroform	2-W7-8	2.50	ppb
Chloroform	2-W7-9	5.00	ppb
Chloroform	2-W8-1	2.50	ppb
Chloroform	2-W9-1	5.00	ppb
Chloroform	6-20-39	5.00	ppb
Chloroform	6-23-34	2.50	ppb
Chloroform	6-24-33	2.50	ppb
Chloroform	6-24-34A	2.50	ppb
Chloroform	6-24-34B	2.50	ppb
Chloroform	6-24-34C	2.50	ppb
Chloroform	6-24-35	2.50	ppb
Chloroform	6-24-46	5.00	ppb
Chloroform	6-25-33A	2.50	ppb
Chloroform	6-25-34A	2.50	ppb
Chloroform	6-25-34B	2.50	ppb
Chloroform	6-25-34C	2.50	ppb
Chloroform	6-26-33	2.50	ppb
Chloroform	6-26-34	2.50	ppb
Chloroform	6-26-35A	2.50	ppb
Chloroform	6-26-35C	2.50	ppb
Chloroform	6-28-40P	5.00	ppb
Chloroform	6-29-78	5.00	ppb
Chloroform	6-31-31P	5.00	ppb
Chloroform	6-32-70B	5.00	ppb
Chloroform	6-32-72	5.00	ppb
Chloroform	6-32-77	5.00	ppb
Chloroform	6-34-42	5.00	ppb
Chloroform	6-35-66	5.00	ppb
Chloroform	6-35-70	5.00	ppb
Chloroform	6-36-61A	5.00	ppb

Constituent	Well	Average	Units
Chloroform	6-37-82A	5.00	ppb
Chloroform	6-38-70	2.50	ppb
Chloroform	6-39-39	5.00	ppb
Chloroform	6-39-79	5.50	ppb
Chloroform	6-40-62	5.00	ppb
Chloroform	6-42-40A	5.00	ppb
Chloroform	6-42-40B	5.00	ppb
Chloroform	6-42-42B	5.00	ppb
Chloroform	6-43-41E	5.00	ppb
Chloroform	6-43-41F	5.00	ppb
Chloroform	6-43-42J	5.00	ppb
Chloroform	6-43-43	5.00	ppb
Chloroform	6-43-45	5.00	ppb
Chloroform	6-43-88	5.00	ppb
Chloroform	6-44-42	5.00	ppb
Chloroform	6-44-43B	5.00	ppb
Chloroform	6-44-64	5.00	ppb
Chloroform	6-45-42	5.00	ppb
Chloroform	6-45-69A	2.50	ppb
Chloroform	6-47-46A	5.00	ppb
Chloroform	6-47-60	5.00	ppb
Chloroform	6-48-18	5.00	ppb
Chloroform	6-48-50	5.00	ppb
Chloroform	6-48-71	5.00	ppb
Chloroform	6-49-100C	5.00	ppb
Chloroform	6-49-55A	5.00	ppb
Chloroform	6-49-57A	5.00	ppb
Chloroform	6-49-79	2.50	ppb
Chloroform	6-50-53A	5.00	ppb
Chloroform	6-50-85	5.00	ppb
Chloroform	6-52-54	5.00	ppb
Chloroform	6-52-57	5.00	ppb
Chloroform	6-53-47A	5.00	ppb
Chloroform	6-53-55A	5.00	ppb
Chloroform	6-55-50C	5.00	ppb
Chloroform	6-55-55	5.00	ppb
Chloroform	6-55-57	5.00	ppb
Chloroform	6-55-70	5.00	ppb
Chloroform	6-55-76	2.50	ppb
Chloroform	6-60-60	5.00	ppb
Chloroform	6-65-72	5.00	ppb
Chloroform	6-65-83	5.00	ppb
Chloroform	6-66-23	2.50	ppb
Chloroform	6-67-86	5.00	ppb

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Constituent	Well	Average	Units
Chromium, filtered	1-B4-4	14.00	ppb
Chromium, filtered	1-B5-1	14.00	ppb
Chromium, filtered	1-B9-1	16.67	ppb
Chromium, filtered	2-E13-14	41.80	ppb
Chromium, filtered	2-E13-5	12.40	ppb
Chromium, filtered	2-E17-1	12.50	ppb
Chromium, filtered	2-E17-12	12.00	ppb
Chromium, filtered	2-E17-13	10.00	ppb
Chromium, filtered	2-E17-14	12.80	ppb
Chromium, filtered	2-E17-15	17.54	ppb
Chromium, filtered	2-E17-16	12.73	ppb
Chromium, filtered	2-E17-17	13.00	ppb
Chromium, filtered	2-E17-18	12.73	ppb
Chromium, filtered	2-E17-19	11.43	ppb
Chromium, filtered	2-E17-20	17.08	ppb
Chromium, filtered	2-E17-5	13.08	ppb
Chromium, filtered	2-E17-6	10.00	ppb
Chromium, filtered	2-E17-9	11.11	ppb
Chromium, filtered	2-E18-1	13.33	ppb
Chromium, filtered	2-E18-2	11.91	ppb
Chromium, filtered	2-E18-3	12.67	ppb
Chromium, filtered	2-E18-4	14.00	ppb
Chromium, filtered	2-E24-12	10.00	ppb
Chromium, filtered	2-E24-16	13.33	ppb
Chromium, filtered	2-E24-17	13.33	ppb
Chromium, filtered	2-E24-18	12.86	ppb
Chromium, filtered	2-E24-19	288.40	ppb
Chromium, filtered	2-E24-2	12.22	ppb
Chromium, filtered	2-E24-20	20.00	ppb
Chromium, filtered	2-E24-8	12.00	ppb
Chromium, filtered	2-E25-11	20.00	ppb
Chromium, filtered	2-E25-18	14.08	ppb
Chromium, filtered	2-E25-19	13.33	ppb
Chromium, filtered	2-E25-20	22.50	ppb
Chromium, filtered	2-E25-21	13.75	ppb
Chromium, filtered	2-E25-22	11.11	ppb
Chromium, filtered	2-E25-23	10.00	ppb
Chromium, filtered	2-E25-24	10.00	ppb
Chromium, filtered	2-E25-25	12.03	ppb
Chromium, filtered	2-E25-26	13.33	ppb
Chromium, filtered	2-E25-27	10.00	ppb
Chromium, filtered	2-E25-28	13.33	ppb
Chromium, filtered	2-E25-29P	13.68	ppb
Chromium, filtered	2-E25-30P	15.71	ppb
Chromium, filtered	2-E25-31	12.86	ppb

Constituent	Well	Average	Units
Chromium, filtered	2-E25-32P	11.82	ppb
Chromium, filtered	2-E25-33	12.72	ppb
Chromium, filtered	2-E25-34	13.00	ppb
Chromium, filtered	2-E25-35	17.92	ppb
Chromium, filtered	2-E25-36	15.00	ppb
Chromium, filtered	2-E25-37	16.25	ppb
Chromium, filtered	2-E25-38	15.42	ppb
Chromium, filtered	2-E25-39	45.00	ppb
Chromium, filtered	2-E25-40	19.57	ppb
Chromium, filtered	2-E25-41	16.67	ppb
Chromium, filtered	2-E25-42	20.00	ppb
Chromium, filtered	2-E25-43	20.00	ppb
Chromium, filtered	2-E26-10	20.00	ppb
Chromium, filtered	2-E26-11	20.00	ppb
Chromium, filtered	2-E26-12	20.00	ppb
Chromium, filtered	2-E26-13	20.00	ppb
Chromium, filtered	2-E26-9	20.00	ppb
Chromium, filtered	2-E27-10	13.33	ppb
Chromium, filtered	2-E27-11	18.00	ppb
Chromium, filtered	2-E27-12	18.00	ppb
Chromium, filtered	2-E27-13	18.00	ppb
Chromium, filtered	2-E27-14	17.50	ppb
Chromium, filtered	2-E27-15	18.00	ppb
Chromium, filtered	2-E27-16	20.00	ppb
Chromium, filtered	2-E27-5	10.00	ppb
Chromium, filtered	2-E27-7	17.50	ppb
Chromium, filtered	2-E27-8	14.82	ppb
Chromium, filtered	2-E27-9	19.64	ppb
Chromium, filtered	2-E28-13	10.00	ppb
Chromium, filtered	2-E28-18	12.00	ppb
Chromium, filtered	2-E28-21	11.67	ppb
Chromium, filtered	2-E28-23	12.50	ppb
Chromium, filtered	2-E28-26	14.55	ppb
Chromium, filtered	2-E28-27	14.62	ppb
Chromium, filtered	2-E28-28	20.00	ppb
Chromium, filtered	2-E32-1	10.00	ppb
Chromium, filtered	2-E32-2	11.79	ppb
Chromium, filtered	2-E32-3	16.00	ppb
Chromium, filtered	2-E32-4	14.29	ppb
Chromium, filtered	2-E32-5	18.33	ppb
Chromium, filtered	2-E33-1	5.00	ppb
Chromium, filtered	2-E33-13	5.00	ppb
Chromium, filtered	2-E33-14	5.00	ppb
Chromium, filtered	2-E33-15	5.00	ppb
Chromium, filtered	2-E33-18	12.48	ppb

Constituent	Well	Average	Units
Chromium, filtered	2-E33-21	10.00	ppb
Chromium, filtered	2-E33-24	5.00	ppb
Chromium, filtered	2-E33-26	10.30	ppb
Chromium, filtered	2-E33-28	12.13	ppb
Chromium, filtered	2-E33-29	12.84	ppb
Chromium, filtered	2-E33-3	10.60	ppb
Chromium, filtered	2-E33-30	12.81	ppb
Chromium, filtered	2-E33-31	15.56	ppb
Chromium, filtered	2-E33-32	13.41	ppb
Chromium, filtered	2-E33-33	12.61	ppb
Chromium, filtered	2-E33-34	15.16	ppb
Chromium, filtered	2-E33-35	15.78	ppb
Chromium, filtered	2-E33-36	20.00	ppb
Chromium, filtered	2-E33-37	20.00	ppb
Chromium, filtered	2-E33-38	5.00	ppb
Chromium, filtered	2-E33-39	5.00	ppb
Chromium, filtered	2-E33-4	11.70	ppb
Chromium, filtered	2-E33-41	20.00	ppb
Chromium, filtered	2-E33-42	20.00	ppb
Chromium, filtered	2-E33-43	20.00	ppb
Chromium, filtered	2-E33-5	5.00	ppb
Chromium, filtered	2-E33-7	10.00	ppb
Chromium, filtered	2-E33-8	10.00	ppb
Chromium, filtered	2-E34-1	5.00	ppb
Chromium, filtered	2-E34-2	30.05	ppb
Chromium, filtered	2-E34-3	13.33	ppb
Chromium, filtered	2-E34-5	12.27	ppb
Chromium, filtered	2-E34-6	11.43	ppb
Chromium, filtered	2-E34-7	20.00	ppb
Chromium, filtered	2-E34-8	20.00	ppb
Chromium, filtered	2-E35-1	10.00	ppb
Chromium, filtered	2-E35-2	20.00	ppb
Chromium, filtered	2-W10-13	15.00	ppb
Chromium, filtered	2-W10-14	16.00	ppb
Chromium, filtered	2-W10-15	139.00	ppb
Chromium, filtered	2-W10-16	34.50	ppb
Chromium, filtered	2-W10-17	27.00	ppb
Chromium, filtered	2-W10-18	30.00	ppb
Chromium, filtered	2-W10-4	64.33	ppb
Chromium, filtered	2-W10-8	10.00	ppb
Chromium, filtered	2-W10-9	149.25	ppb
Chromium, filtered	2-W11-23	10.00	ppb
Chromium, filtered	2-W14-10	10.00	ppb
Chromium, filtered	2-W14-2	12.50	ppb
Chromium, filtered	2-W14-5	10.00	ppb

Constituent	Well	Average	Units
Chromium, filtered	2-W14-6	10.17	ppb
Chromium, filtered	2-W15-10	17.33	ppb
Chromium, filtered	2-W15-11	27.33	ppb
Chromium, filtered	2-W15-15	12.22	ppb
Chromium, filtered	2-W15-16	13.90	ppb
Chromium, filtered	2-W15-17	18.40	ppb
Chromium, filtered	2-W15-18	20.00	ppb
Chromium, filtered	2-W15-19	16.67	ppb
Chromium, filtered	2-W15-20	18.00	ppb
Chromium, filtered	2-W15-22	22.00	ppb
Chromium, filtered	2-W15-23	20.00	ppb
Chromium, filtered	2-W15-24	18.00	ppb
Chromium, filtered	2-W15-4	10.00	ppb
Chromium, filtered	2-W15-6	20.00	ppb
Chromium, filtered	2-W15-7	13.33	ppb
Chromium, filtered	2-W15-8	20.00	ppb
Chromium, filtered	2-W18-15	10.00	ppb
Chromium, filtered	2-W18-17	10.00	ppb
Chromium, filtered	2-W18-21	13.78	ppb
Chromium, filtered	2-W18-22	12.50	ppb
Chromium, filtered	2-W18-23	15.33	ppb
Chromium, filtered	2-W18-24	13.00	ppb
Chromium, filtered	2-W18-25	20.00	ppb
Chromium, filtered	2-W18-26	18.25	ppb
Chromium, filtered	2-W18-5	13.67	ppb
Chromium, filtered	2-W19-11	10.00	ppb
Chromium, filtered	2-W19-12	49.00	ppb
Chromium, filtered	2-W19-13	10.00	ppb
Chromium, filtered	2-W19-15	10.00	ppb
Chromium, filtered	2-W19-16	10.00	ppb
Chromium, filtered	2-W19-18	12.80	ppb
Chromium, filtered	2-W19-19	10.00	ppb
Chromium, filtered	2-W19-2	10.00	ppb
Chromium, filtered	2-W19-20	12.86	ppb
Chromium, filtered	2-W19-21	12.86	ppb
Chromium, filtered	2-W19-23	13.33	ppb
Chromium, filtered	2-W19-24	11.00	ppb
Chromium, filtered	2-W19-25	10.00	ppb
Chromium, filtered	2-W19-26	15.00	ppb
Chromium, filtered	2-W19-27	16.00	ppb
Chromium, filtered	2-W19-28	15.00	ppb
Chromium, filtered	2-W19-29	20.00	ppb
Chromium, filtered	2-W19-3	10.00	ppb
Chromium, filtered	2-W19-31	20.00	ppb
Chromium, filtered	2-W19-32	33.00	ppb

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Constituent	Well	Average	Units
Chromium, filtered	2-W19-5	10.00	ppb
Chromium, filtered	2-W19-9	10.00	ppb
Chromium, filtered	2-W22-1	10.00	ppb
Chromium, filtered	2-W22-12	10.00	ppb
Chromium, filtered	2-W22-20	322.60	ppb
Chromium, filtered	2-W22-21	40.00	ppb
Chromium, filtered	2-W22-22	10.00	ppb
Chromium, filtered	2-W22-26	10.00	ppb
Chromium, filtered	2-W22-39	20.00	ppb
Chromium, filtered	2-W22-40	20.80	ppb
Chromium, filtered	2-W22-41	20.00	ppb
Chromium, filtered	2-W22-42	20.75	ppb
Chromium, filtered	2-W23-10	10.00	ppb
Chromium, filtered	2-W23-11	15.00	ppb
Chromium, filtered	2-W23-13	20.00	ppb
Chromium, filtered	2-W23-14	20.00	ppb
Chromium, filtered	2-W26-10	20.00	ppb
Chromium, filtered	2-W26-12	20.00	ppb
Chromium, filtered	2-W26-6	20.00	ppb
Chromium, filtered	2-W26-7	147.50	ppb
Chromium, filtered	2-W26-8	20.00	ppb
Chromium, filtered	2-W26-9	30.25	ppb
Chromium, filtered	2-W27-1	16.60	ppb
Chromium, filtered	2-W6-2	32.38	ppb
Chromium, filtered	2-W6-4	23.00	ppb
Chromium, filtered	2-W6-5	39.00	ppb
Chromium, filtered	2-W6-6	20.00	ppb
Chromium, filtered	2-W6-7	50.00	ppb
Chromium, filtered	2-W6-8	20.00	ppb
Chromium, filtered	2-W7-1	15.09	ppb
Chromium, filtered	2-W7-10	20.00	ppb
Chromium, filtered	2-W7-11	20.00	ppb
Chromium, filtered	2-W7-12	20.00	ppb
Chromium, filtered	2-W7-2	16.17	ppb
Chromium, filtered	2-W7-3	13.64	ppb
Chromium, filtered	2-W7-4	15.67	ppb
Chromium, filtered	2-W7-5	15.27	ppb
Chromium, filtered	2-W7-6	40.33	ppb
Chromium, filtered	2-W7-7	18.33	ppb
Chromium, filtered	2-W7-8	19.00	ppb
Chromium, filtered	2-W7-9	65.33	ppb
Chromium, filtered	2-W8-1	14.60	ppb
Chromium, filtered	2-W9-1	14.73	ppb
Chromium, filtered	6-20-39	10.00	ppb
Chromium, filtered	6-23-34	12.14	ppb

Constituent	Well	Average	Units
Chromium, filtered	6-24-33	12.50	ppb
Chromium, filtered	6-24-34A	12.92	ppb
Chromium, filtered	6-24-34B	11.88	ppb
Chromium, filtered	6-24-34C	12.00	ppb
Chromium, filtered	6-24-35	12.00	ppb
Chromium, filtered	6-24-46	10.00	ppb
Chromium, filtered	6-25-33A	13.33	ppb
Chromium, filtered	6-25-34A	13.33	ppb
Chromium, filtered	6-25-34B	13.33	ppb
Chromium, filtered	6-25-34C	12.14	ppb
Chromium, filtered	6-26-33	13.75	ppb
Chromium, filtered	6-26-34	12.00	ppb
Chromium, filtered	6-26-35A	15.00	ppb
Chromium, filtered	6-26-35C	13.33	ppb
Chromium, filtered	6-29-78	10.00	ppb
Chromium, filtered	6-31-31	10.00	ppb
Chromium, filtered	6-32-43	10.00	ppb
Chromium, filtered	6-32-70B	22.75	ppb
Chromium, filtered	6-32-72	10.00	ppb
Chromium, filtered	6-32-77	10.00	ppb
Chromium, filtered	6-33-56	20.50	ppb
Chromium, filtered	6-34-42	20.00	ppb
Chromium, filtered	6-34-51	20.00	ppb
Chromium, filtered	6-35-66	22.75	ppb
Chromium, filtered	6-35-70	12.50	ppb
Chromium, filtered	6-35-78A	11.50	ppb
Chromium, filtered	6-36-61A	14.20	ppb
Chromium, filtered	6-37-82A	15.00	ppb
Chromium, filtered	6-38-65	10.00	ppb
Chromium, filtered	6-38-70	11.67	ppb
Chromium, filtered	6-39-39	10.00	ppb
Chromium, filtered	6-39-79	10.00	ppb
Chromium, filtered	6-40-33A	10.00	ppb
Chromium, filtered	6-40-40A	20.00	ppb
Chromium, filtered	6-40-40B	21.00	ppb
Chromium, filtered	6-40-62	12.50	ppb
Chromium, filtered	6-42-39A	20.00	ppb
Chromium, filtered	6-42-39B	24.50	ppb
Chromium, filtered	6-42-40A	12.50	ppb
Chromium, filtered	6-42-41	20.00	ppb
Chromium, filtered	6-42-42B	13.75	ppb
Chromium, filtered	6-43-40	20.00	ppb
Chromium, filtered	6-43-41E	94.29	ppb
Chromium, filtered	6-43-41F	14.00	ppb
Chromium, filtered	6-43-41G	20.00	ppb

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Constituent	Well	Average	Units
Chromium, filtered	6-43-42J	12.86	ppb
Chromium, filtered	6-43-43	13.33	ppb
Chromium, filtered	6-43-45	15.71	ppb
Chromium, filtered	6-43-88	10.00	ppb
Chromium, filtered	6-44-42	12.86	ppb
Chromium, filtered	6-44-43B	29.44	ppb
Chromium, filtered	6-44-64	10.00	ppb
Chromium, filtered	6-45-42	11.67	ppb
Chromium, filtered	6-45-69A	13.33	ppb
Chromium, filtered	6-46-21B	10.00	ppb
Chromium, filtered	6-47-35A	10.00	ppb
Chromium, filtered	6-47-46A	10.00	ppb
Chromium, filtered	6-47-60	5.00	ppb
Chromium, filtered	6-48-18	20.00	ppb
Chromium, filtered	6-48-50	5.00	ppb
Chromium, filtered	6-48-71	15.00	ppb
Chromium, filtered	6-49-100C	20.00	ppb
Chromium, filtered	6-49-55A	5.00	ppb
Chromium, filtered	6-49-57A	5.00	ppb
Chromium, filtered	6-49-79	12.00	ppb
Chromium, filtered	6-50-53A	5.00	ppb
Chromium, filtered	6-50-85	10.00	ppb
Chromium, filtered	6-51-75	20.00	ppb
Chromium, filtered	6-52-54	5.00	ppb
Chromium, filtered	6-52-57	5.00	ppb
Chromium, filtered	6-53-47A	10.00	ppb
Chromium, filtered	6-53-47B	10.00	ppb
Chromium, filtered	6-53-55A	5.00	ppb
Chromium, filtered	6-54-34	10.00	ppb
Chromium, filtered	6-54-48	10.00	ppb
Chromium, filtered	6-54-49	10.00	ppb
Chromium, filtered	6-55-50C	12.50	ppb
Chromium, filtered	6-55-55	5.00	ppb
Chromium, filtered	6-55-57	5.00	ppb
Chromium, filtered	6-55-76	12.50	ppb
Chromium, filtered	6-57-29A	10.00	ppb
Chromium, filtered	6-59-58	10.00	ppb
Chromium, filtered	6-60-57	10.00	ppb
Chromium, filtered	6-65-72	10.00	ppb
Chromium, filtered	6-65-83	23.75	ppb
Chromium, filtered	6-66-23	20.00	ppb
Chromium, filtered	6-67-86	22.00	ppb
Cobalt-60	1-B4-2	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	1-B4-3	11.25	pCi/L
Cobalt-60	1-B4-4	11.25	pCi/L
Cobalt-60	1-B5-1	11.25	pCi/L
Cobalt-60	1-B9-1	11.25	pCi/L
Cobalt-60	2-E13-14	11.25	pCi/L
Cobalt-60	2-E13-19	11.25	pCi/L
Cobalt-60	2-E13-5	11.25	pCi/L
Cobalt-60	2-E13-8	11.25	pCi/L
Cobalt-60	2-E16-2	11.25	pCi/L
Cobalt-60	2-E17-1	11.25	pCi/L
Cobalt-60	2-E17-12	11.25	pCi/L
Cobalt-60	2-E17-13	11.25	pCi/L
Cobalt-60	2-E17-14	25.42	pCi/L
Cobalt-60	2-E17-15	28.54	pCi/L
Cobalt-60	2-E17-16	23.95	pCi/L
Cobalt-60	2-E17-17	11.25	pCi/L
Cobalt-60	2-E17-18	11.25	pCi/L
Cobalt-60	2-E17-19	11.25	pCi/L
Cobalt-60	2-E17-2	11.25	pCi/L
Cobalt-60	2-E17-20	11.25	pCi/L
Cobalt-60	2-E17-5	11.25	pCi/L
Cobalt-60	2-E17-6	11.25	pCi/L
Cobalt-60	2-E17-8	11.25	pCi/L
Cobalt-60	2-E17-9	11.25	pCi/L
Cobalt-60	2-E18-1	11.25	pCi/L
Cobalt-60	2-E18-2	11.25	pCi/L
Cobalt-60	2-E18-3	11.25	pCi/L
Cobalt-60	2-E18-4	11.25	pCi/L
Cobalt-60	2-E23-1	11.25	pCi/L
Cobalt-60	2-E24-1	11.25	pCi/L
Cobalt-60	2-E24-11	11.25	pCi/L
Cobalt-60	2-E24-12	11.25	pCi/L
Cobalt-60	2-E24-13	11.25	pCi/L
Cobalt-60	2-E24-16	11.25	pCi/L
Cobalt-60	2-E24-17	11.25	pCi/L
Cobalt-60	2-E24-18	11.25	pCi/L
Cobalt-60	2-E24-19	11.25	pCi/L
Cobalt-60	2-E24-2	11.25	pCi/L
Cobalt-60	2-E24-20	11.25	pCi/L
Cobalt-60	2-E24-4	11.25	pCi/L
Cobalt-60	2-E24-7	11.25	pCi/L
Cobalt-60	2-E24-8	11.25	pCi/L
Cobalt-60	2-E25-10	11.25	pCi/L
Cobalt-60	2-E25-11	11.25	pCi/L
Cobalt-60	2-E25-17	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	2-E25-18	11.25	pCi/L
Cobalt-60	2-E25-19	11.25	pCi/L
Cobalt-60	2-E25-2	11.25	pCi/L
Cobalt-60	2-E25-20	11.25	pCi/L
Cobalt-60	2-E25-21	11.25	pCi/L
Cobalt-60	2-E25-22	11.25	pCi/L
Cobalt-60	2-E25-23	11.25	pCi/L
Cobalt-60	2-E25-24	11.25	pCi/L
Cobalt-60	2-E25-25	11.25	pCi/L
Cobalt-60	2-E25-26	11.25	pCi/L
Cobalt-60	2-E25-27	11.25	pCi/L
Cobalt-60	2-E25-28	11.25	pCi/L
Cobalt-60	2-E25-29P	11.25	pCi/L
Cobalt-60	2-E25-30P	11.25	pCi/L
Cobalt-60	2-E25-31	11.25	pCi/L
Cobalt-60	2-E25-32P	11.25	pCi/L
Cobalt-60	2-E25-33	11.25	pCi/L
Cobalt-60	2-E25-34	11.25	pCi/L
Cobalt-60	2-E25-35	11.25	pCi/L
Cobalt-60	2-E25-36	11.25	pCi/L
Cobalt-60	2-E25-37	11.25	pCi/L
Cobalt-60	2-E25-39	11.25	pCi/L
Cobalt-60	2-E25-40	11.25	pCi/L
Cobalt-60	2-E25-41	11.25	pCi/L
Cobalt-60	2-E25-6	11.25	pCi/L
Cobalt-60	2-E25-9	11.25	pCi/L
Cobalt-60	2-E26-11	11.25	pCi/L
Cobalt-60	2-E26-6	11.25	pCi/L
Cobalt-60	2-E26-9	11.25	pCi/L
Cobalt-60	2-E27-10	11.25	pCi/L
Cobalt-60	2-E27-11	11.25	pCi/L
Cobalt-60	2-E27-12	11.25	pCi/L
Cobalt-60	2-E27-13	11.25	pCi/L
Cobalt-60	2-E27-14	11.25	pCi/L
Cobalt-60	2-E27-15	11.25	pCi/L
Cobalt-60	2-E27-16	11.25	pCi/L
Cobalt-60	2-E27-5	11.25	pCi/L
Cobalt-60	2-E27-7	11.25	pCi/L
Cobalt-60	2-E27-8	11.25	pCi/L
Cobalt-60	2-E27-9	11.25	pCi/L
Cobalt-60	2-E28-1	11.25	pCi/L
Cobalt-60	2-E28-12	11.25	pCi/L
Cobalt-60	2-E28-13	11.25	pCi/L
Cobalt-60	2-E28-18	11.25	pCi/L
Cobalt-60	2-E28-21	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	2-E28-23	28.46	pCi/L
Cobalt-60	2-E28-24	11.25	pCi/L
Cobalt-60	2-E28-25	11.25	pCi/L
Cobalt-60	2-E28-26	11.25	pCi/L
Cobalt-60	2-E28-27	11.25	pCi/L
Cobalt-60	2-E28-28	11.25	pCi/L
Cobalt-60	2-E28-7	11.25	pCi/L
Cobalt-60	2-E32-1	11.25	pCi/L
Cobalt-60	2-E32-2	11.25	pCi/L
Cobalt-60	2-E32-3	11.25	pCi/L
Cobalt-60	2-E32-4	11.25	pCi/L
Cobalt-60	2-E32-5	11.25	pCi/L
Cobalt-60	2-E33-1	11.25	pCi/L
Cobalt-60	2-E33-13	11.25	pCi/L
Cobalt-60	2-E33-14	11.25	pCi/L
Cobalt-60	2-E33-15	11.25	pCi/L
Cobalt-60	2-E33-18	11.25	pCi/L
Cobalt-60	2-E33-21	11.25	pCi/L
Cobalt-60	2-E33-24	11.25	pCi/L
Cobalt-60	2-E33-26	11.25	pCi/L
Cobalt-60	2-E33-28	11.25	pCi/L
Cobalt-60	2-E33-29	11.25	pCi/L
Cobalt-60	2-E33-3	11.25	pCi/L
Cobalt-60	2-E33-30	11.25	pCi/L
Cobalt-60	2-E33-31	11.25	pCi/L
Cobalt-60	2-E33-32	11.25	pCi/L
Cobalt-60	2-E33-33	11.25	pCi/L
Cobalt-60	2-E33-34	11.25	pCi/L
Cobalt-60	2-E33-35	11.25	pCi/L
Cobalt-60	2-E33-36	11.25	pCi/L
Cobalt-60	2-E33-37	11.25	pCi/L
Cobalt-60	2-E33-38	11.25	pCi/L
Cobalt-60	2-E33-39	11.25	pCi/L
Cobalt-60	2-E33-4	11.25	pCi/L
Cobalt-60	2-E33-41	11.25	pCi/L
Cobalt-60	2-E33-42	11.25	pCi/L
Cobalt-60	2-E33-43	11.25	pCi/L
Cobalt-60	2-E33-5	11.25	pCi/L
Cobalt-60	2-E33-7	39.58	pCi/L
Cobalt-60	2-E33-8	11.25	pCi/L
Cobalt-60	2-E33-9	11.25	pCi/L
Cobalt-60	2-E34-1	11.25	pCi/L
Cobalt-60	2-E34-2	11.25	pCi/L
Cobalt-60	2-E34-3	11.25	pCi/L
Cobalt-60	2-E34-5	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	2-E34-6	11.25	pCi/L
Cobalt-60	2-E34-7	11.25	pCi/L
Cobalt-60	2-E34-8	11.25	pCi/L
Cobalt-60	2-E35-1	11.25	pCi/L
Cobalt-60	2-W10-1	11.25	pCi/L
Cobalt-60	2-W10-13	11.25	pCi/L
Cobalt-60	2-W10-14	11.25	pCi/L
Cobalt-60	2-W10-15	11.25	pCi/L
Cobalt-60	2-W10-16	11.25	pCi/L
Cobalt-60	2-W10-17	11.25	pCi/L
Cobalt-60	2-W10-18	11.25	pCi/L
Cobalt-60	2-W10-3	11.25	pCi/L
Cobalt-60	2-W10-4	11.25	pCi/L
Cobalt-60	2-W10-8	11.25	pCi/L
Cobalt-60	2-W10-9	11.25	pCi/L
Cobalt-60	2-W11-11	11.25	pCi/L
Cobalt-60	2-W11-14	11.25	pCi/L
Cobalt-60	2-W11-18	11.25	pCi/L
Cobalt-60	2-W11-23	11.25	pCi/L
Cobalt-60	2-W11-24	11.25	pCi/L
Cobalt-60	2-W14-10	11.25	pCi/L
Cobalt-60	2-W14-2	11.25	pCi/L
Cobalt-60	2-W14-5	11.25	pCi/L
Cobalt-60	2-W14-6	11.25	pCi/L
Cobalt-60	2-W15-10	11.25	pCi/L
Cobalt-60	2-W15-11	11.25	pCi/L
Cobalt-60	2-W15-15	11.25	pCi/L
Cobalt-60	2-W15-16	11.25	pCi/L
Cobalt-60	2-W15-17	11.25	pCi/L
Cobalt-60	2-W15-18	11.25	pCi/L
Cobalt-60	2-W15-19	11.25	pCi/L
Cobalt-60	2-W15-2	11.25	pCi/L
Cobalt-60	2-W15-20	11.25	pCi/L
Cobalt-60	2-W15-22	11.25	pCi/L
Cobalt-60	2-W15-23	11.25	pCi/L
Cobalt-60	2-W15-24	11.25	pCi/L
Cobalt-60	2-W15-3	11.25	pCi/L
Cobalt-60	2-W15-4	11.25	pCi/L
Cobalt-60	2-W15-6	11.25	pCi/L
Cobalt-60	2-W15-7	11.25	pCi/L
Cobalt-60	2-W15-8	11.25	pCi/L
Cobalt-60	2-W18-15	11.25	pCi/L
Cobalt-60	2-W18-17	11.25	pCi/L
Cobalt-60	2-W18-20	11.25	pCi/L
Cobalt-60	2-W18-21	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	2-W18-22	11.25	pCi/L
Cobalt-60	2-W18-23	11.25	pCi/L
Cobalt-60	2-W18-24	11.25	pCi/L
Cobalt-60	2-W18-25	11.25	pCi/L
Cobalt-60	2-W18-26	11.25	pCi/L
Cobalt-60	2-W18-5	11.25	pCi/L
Cobalt-60	2-W19-1	11.25	pCi/L
Cobalt-60	2-W19-11	11.25	pCi/L
Cobalt-60	2-W19-12	11.25	pCi/L
Cobalt-60	2-W19-13	11.25	pCi/L
Cobalt-60	2-W19-14	11.25	pCi/L
Cobalt-60	2-W19-15	11.25	pCi/L
Cobalt-60	2-W19-16	11.25	pCi/L
Cobalt-60	2-W19-17	11.25	pCi/L
Cobalt-60	2-W19-18	11.25	pCi/L
Cobalt-60	2-W19-19	11.25	pCi/L
Cobalt-60	2-W19-2	11.25	pCi/L
Cobalt-60	2-W19-20	11.25	pCi/L
Cobalt-60	2-W19-21	11.25	pCi/L
Cobalt-60	2-W19-23	11.25	pCi/L
Cobalt-60	2-W19-24	11.25	pCi/L
Cobalt-60	2-W19-25	11.25	pCi/L
Cobalt-60	2-W19-26	11.25	pCi/L
Cobalt-60	2-W19-27	11.25	pCi/L
Cobalt-60	2-W19-28	11.25	pCi/L
Cobalt-60	2-W19-29	11.25	pCi/L
Cobalt-60	2-W19-3	11.25	pCi/L
Cobalt-60	2-W19-30	11.25	pCi/L
Cobalt-60	2-W19-31	11.25	pCi/L
Cobalt-60	2-W19-32	11.25	pCi/L
Cobalt-60	2-W19-9	11.25	pCi/L
Cobalt-60	2-W22-1	11.25	pCi/L
Cobalt-60	2-W22-10	11.25	pCi/L
Cobalt-60	2-W22-12	11.25	pCi/L
Cobalt-60	2-W22-18	11.25	pCi/L
Cobalt-60	2-W22-2	11.25	pCi/L
Cobalt-60	2-W22-20	11.25	pCi/L
Cobalt-60	2-W22-21	11.25	pCi/L
Cobalt-60	2-W22-22	11.25	pCi/L
Cobalt-60	2-W22-26	11.25	pCi/L
Cobalt-60	2-W22-39	11.25	pCi/L
Cobalt-60	2-W22-40	11.25	pCi/L
Cobalt-60	2-W22-41	11.25	pCi/L
Cobalt-60	2-W22-42	11.25	pCi/L
Cobalt-60	2-W23-1	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	2-W23-10	11.25	pCi/L
Cobalt-60	2-W23-11	11.25	pCi/L
Cobalt-60	2-W23-13	11.25	pCi/L
Cobalt-60	2-W23-14	11.25	pCi/L
Cobalt-60	2-W23-2	11.25	pCi/L
Cobalt-60	2-W23-3	11.25	pCi/L
Cobalt-60	2-W23-9	11.25	pCi/L
Cobalt-60	2-W26-10	11.25	pCi/L
Cobalt-60	2-W26-12	11.25	pCi/L
Cobalt-60	2-W26-3	11.25	pCi/L
Cobalt-60	2-W26-6	11.25	pCi/L
Cobalt-60	2-W26-7	11.25	pCi/L
Cobalt-60	2-W27-1	11.25	pCi/L
Cobalt-60	2-W6-1	11.25	pCi/L
Cobalt-60	2-W6-2	11.25	pCi/L
Cobalt-60	2-W6-4	11.25	pCi/L
Cobalt-60	2-W6-5	11.25	pCi/L
Cobalt-60	2-W6-6	11.25	pCi/L
Cobalt-60	2-W6-7	11.25	pCi/L
Cobalt-60	2-W6-8	11.25	pCi/L
Cobalt-60	2-W7-1	11.25	pCi/L
Cobalt-60	2-W7-10	11.25	pCi/L
Cobalt-60	2-W7-11	11.25	pCi/L
Cobalt-60	2-W7-12	11.25	pCi/L
Cobalt-60	2-W7-2	11.25	pCi/L
Cobalt-60	2-W7-3	11.25	pCi/L
Cobalt-60	2-W7-4	11.25	pCi/L
Cobalt-60	2-W7-5	11.25	pCi/L
Cobalt-60	2-W7-6	11.25	pCi/L
Cobalt-60	2-W7-7	11.25	pCi/L
Cobalt-60	2-W7-8	11.25	pCi/L
Cobalt-60	2-W7-9	11.25	pCi/L
Cobalt-60	2-W8-1	11.25	pCi/L
Cobalt-60	2-W9-1	11.25	pCi/L
Cobalt-60	6-20-39	11.25	pCi/L
Cobalt-60	6-23-34	11.25	pCi/L
Cobalt-60	6-24-33	11.25	pCi/L
Cobalt-60	6-24-34A	11.25	pCi/L
Cobalt-60	6-24-34B	11.25	pCi/L
Cobalt-60	6-24-34C	11.25	pCi/L
Cobalt-60	6-24-35	11.25	pCi/L
Cobalt-60	6-25-34C	11.25	pCi/L
Cobalt-60	6-28-40P	11.25	pCi/L
Cobalt-60	6-31-31	11.25	pCi/L
Cobalt-60	6-31-53B	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	6-32-43	11.25	pCi/L
Cobalt-60	6-32-72	11.25	pCi/L
Cobalt-60	6-32-77	11.25	pCi/L
Cobalt-60	6-34-39A	11.25	pCi/L
Cobalt-60	6-34-41B	11.25	pCi/L
Cobalt-60	6-34-42	11.25	pCi/L
Cobalt-60	6-34-51	11.25	pCi/L
Cobalt-60	6-35-70	11.25	pCi/L
Cobalt-60	6-35-78A	11.25	pCi/L
Cobalt-60	6-36-46Q	11.25	pCi/L
Cobalt-60	6-36-46R	11.25	pCi/L
Cobalt-60	6-36-61A	11.25	pCi/L
Cobalt-60	6-37-82A	11.25	pCi/L
Cobalt-60	6-38-65	11.25	pCi/L
Cobalt-60	6-38-70	11.25	pCi/L
Cobalt-60	6-39-39	11.25	pCi/L
Cobalt-60	6-39-79	11.25	pCi/L
Cobalt-60	6-40-33A	11.25	pCi/L
Cobalt-60	6-40-62	11.25	pCi/L
Cobalt-60	6-42-40A	11.25	pCi/L
Cobalt-60	6-42-40B	11.25	pCi/L
Cobalt-60	6-43-41E	11.25	pCi/L
Cobalt-60	6-43-41F	11.25	pCi/L
Cobalt-60	6-43-45	11.25	pCi/L
Cobalt-60	6-44-43B	11.25	pCi/L
Cobalt-60	6-45-42	11.25	pCi/L
Cobalt-60	6-45-69A	11.25	pCi/L
Cobalt-60	6-47-46A	11.25	pCi/L
Cobalt-60	6-47-60	11.25	pCi/L
Cobalt-60	6-48-18	11.25	pCi/L
Cobalt-60	6-48-50	11.25	pCi/L
Cobalt-60	6-48-71	11.25	pCi/L
Cobalt-60	6-49-100C	11.25	pCi/L
Cobalt-60	6-49-55A	80.25	pCi/L
Cobalt-60	6-49-57A	11.25	pCi/L
Cobalt-60	6-49-79	11.25	pCi/L
Cobalt-60	6-50-42	11.25	pCi/L
Cobalt-60	6-50-53A	440.21	pCi/L
Cobalt-60	6-52-54	28.10	pCi/L
Cobalt-60	6-52-57	11.25	pCi/L
Cobalt-60	6-53-47A	11.25	pCi/L
Cobalt-60	6-53-47B	11.25	pCi/L
Cobalt-60	6-53-48A	11.25	pCi/L
Cobalt-60	6-53-48B	11.25	pCi/L
Cobalt-60	6-53-55A	11.25	pCi/L

Constituent	Well	Average	Units
Cobalt-60	6-54-48	11.25	pCi/L
Cobalt-60	6-55-50A	11.25	pCi/L
Cobalt-60	6-55-50C	11.25	pCi/L
Cobalt-60	6-55-55	11.25	pCi/L
Cobalt-60	6-55-57	67.18	pCi/L
Cobalt-60	6-55-89	11.25	pCi/L
Cobalt-60	6-60-60	11.25	pCi/L
Cobalt-60	6-61-62	11.25	pCi/L
Cobalt-60	6-61-66	11.25	pCi/L
Cobalt-60	6-63-25A	11.25	pCi/L
Cobalt-60	6-63-58	11.25	pCi/L
Cobalt-60	6-64-62	11.25	pCi/L
Cobalt-60	6-65-59A	11.25	pCi/L
Cobalt-60	6-66-103	11.25	pCi/L
Cobalt-60	6-66-23	11.25	pCi/L
Cobalt-60	6-66-58	11.25	pCi/L
Cobalt-60	6-66-64	11.25	pCi/L
Cyanide	1-B4-4	10.00	ppb
Cyanide	1-B5-1	10.00	ppb
Cyanide	1-B9-1	10.00	ppb
Cyanide	2-E13-14	11.67	ppb
Cyanide	2-E13-5	11.67	ppb
Cyanide	2-E16-2	10.00	ppb
Cyanide	2-E17-1	13.33	ppb
Cyanide	2-E17-12	12.50	ppb
Cyanide	2-E17-13	10.00	ppb
Cyanide	2-E17-14	15.00	ppb
Cyanide	2-E17-15	13.33	ppb
Cyanide	2-E17-16	15.00	ppb
Cyanide	2-E17-17	15.00	ppb
Cyanide	2-E17-18	15.00	ppb
Cyanide	2-E17-19	15.00	ppb
Cyanide	2-E17-20	15.00	ppb
Cyanide	2-E17-5	12.50	ppb
Cyanide	2-E17-6	10.00	ppb
Cyanide	2-E17-8	20.00	ppb
Cyanide	2-E17-9	10.00	ppb
Cyanide	2-E18-1	12.50	ppb
Cyanide	2-E18-2	10.00	ppb
Cyanide	2-E18-3	14.00	ppb
Cyanide	2-E18-4	13.33	ppb
Cyanide	2-E24-12	10.00	ppb
Cyanide	2-E24-16	15.00	ppb

Constituent	Well	Average	Units
Cyanide	2-E24-17	13.33	ppb
Cyanide	2-E24-18	15.00	ppb
Cyanide	2-E24-19	20.00	ppb
Cyanide	2-E24-2	10.00	ppb
Cyanide	2-E24-20	20.00	ppb
Cyanide	2-E24-4	13.33	ppb
Cyanide	2-E24-8	10.00	ppb
Cyanide	2-E25-11	10.00	ppb
Cyanide	2-E25-17	10.00	ppb
Cyanide	2-E25-18	15.00	ppb
Cyanide	2-E25-19	11.25	ppb
Cyanide	2-E25-20	12.00	ppb
Cyanide	2-E25-21	12.00	ppb
Cyanide	2-E25-22	13.33	ppb
Cyanide	2-E25-23	12.00	ppb
Cyanide	2-E25-24	10.00	ppb
Cyanide	2-E25-25	10.00	ppb
Cyanide	2-E25-26	12.50	ppb
Cyanide	2-E25-28	12.50	ppb
Cyanide	2-E25-29P	15.00	ppb
Cyanide	2-E25-30P	10.00	ppb
Cyanide	2-E25-31	13.33	ppb
Cyanide	2-E25-32P	10.00	ppb
Cyanide	2-E25-33	15.00	ppb
Cyanide	2-E25-34	10.00	ppb
Cyanide	2-E25-35	10.00	ppb
Cyanide	2-E25-36	15.00	ppb
Cyanide	2-E25-37	15.00	ppb
Cyanide	2-E25-38	10.00	ppb
Cyanide	2-E25-39	20.00	ppb
Cyanide	2-E25-40	20.00	ppb
Cyanide	2-E25-41	20.00	ppb
Cyanide	2-E25-42	20.00	ppb
Cyanide	2-E25-43	20.00	ppb
Cyanide	2-E25-6	15.00	ppb
Cyanide	2-E25-9	10.00	ppb
Cyanide	2-E26-1	10.00	ppb
Cyanide	2-E26-10	20.00	ppb
Cyanide	2-E26-11	20.00	ppb
Cyanide	2-E26-12	20.00	ppb
Cyanide	2-E26-13	20.00	ppb
Cyanide	2-E26-5	10.00	ppb
Cyanide	2-E26-9	20.00	ppb
Cyanide	2-E27-10	14.00	ppb
Cyanide	2-E27-11	18.33	ppb

Constituent	Well	Average	Units
Cyanide	2-E27-12	20.00	ppb
Cyanide	2-E27-13	20.00	ppb
Cyanide	2-E27-14	20.00	ppb
Cyanide	2-E27-15	20.00	ppb
Cyanide	2-E27-16	20.00	ppb
Cyanide	2-E27-5	10.00	ppb
Cyanide	2-E27-7	20.00	ppb
Cyanide	2-E27-8	12.50	ppb
Cyanide	2-E27-9	13.33	ppb
Cyanide	2-E28-1	20.00	ppb
Cyanide	2-E28-12	10.00	ppb
Cyanide	2-E28-13	10.00	ppb
Cyanide	2-E28-16	20.00	ppb
Cyanide	2-E28-18	12.50	ppb
Cyanide	2-E28-19	20.00	ppb
Cyanide	2-E28-21	12.00	ppb
Cyanide	2-E28-23	10.00	ppb
Cyanide	2-E28-26	14.62	ppb
Cyanide	2-E28-27	14.67	ppb
Cyanide	2-E28-28	20.00	ppb
Cyanide	2-E28-5	20.00	ppb
Cyanide	2-E28-7	10.00	ppb
Cyanide	2-E32-1	12.50	ppb
Cyanide	2-E32-2	5.00	ppb
Cyanide	2-E32-2	13.16	ppb
Cyanide	2-E32-3	15.45	ppb
Cyanide	2-E32-4	14.17	ppb
Cyanide	2-E32-5	17.14	ppb
Cyanide	2-E33-1	5.00	ppb
Cyanide	2-E33-1	11.25	ppb
Cyanide	2-E33-13	5.00	ppb
Cyanide	2-E33-13	14.48	ppb
Cyanide	2-E33-14	5.00	ppb
Cyanide	2-E33-14	10.34	ppb
Cyanide	2-E33-15	5.00	ppb
Cyanide	2-E33-15	11.00	ppb
Cyanide	2-E33-18	5.00	ppb
Cyanide	2-E33-18	10.83	ppb
Cyanide	2-E33-21	10.00	ppb
Cyanide	2-E33-24	5.00	ppb
Cyanide	2-E33-24	11.67	ppb
Cyanide	2-E33-26	5.00	ppb
Cyanide	2-E33-26	11.33	ppb
Cyanide	2-E33-28	5.00	ppb
Cyanide	2-E33-28	12.94	ppb

Constituent	Well	Average	Units
Cyanide	2-E33-29	5.00	ppb
Cyanide	2-E33-29	14.00	ppb
Cyanide	2-E33-3	11.10	ppb
Cyanide	2-E33-3	15.61	ppb
Cyanide	2-E33-30	5.00	ppb
Cyanide	2-E33-30	13.03	ppb
Cyanide	2-E33-31	5.00	ppb
Cyanide	2-E33-31	17.14	ppb
Cyanide	2-E33-32	5.00	ppb
Cyanide	2-E33-32	15.71	ppb
Cyanide	2-E33-33	5.00	ppb
Cyanide	2-E33-33	13.89	ppb
Cyanide	2-E33-34	5.00	ppb
Cyanide	2-E33-34	16.15	ppb
Cyanide	2-E33-35	5.00	ppb
Cyanide	2-E33-35	16.67	ppb
Cyanide	2-E33-36	20.00	ppb
Cyanide	2-E33-37	20.00	ppb
Cyanide	2-E33-38	5.00	ppb
Cyanide	2-E33-38	10.22	ppb
Cyanide	2-E33-39	5.00	ppb
Cyanide	2-E33-39	11.34	ppb
Cyanide	2-E33-4	22.80	ppb
Cyanide	2-E33-4	28.98	ppb
Cyanide	2-E33-41	38.33	ppb
Cyanide	2-E33-42	25.00	ppb
Cyanide	2-E33-43	20.00	ppb
Cyanide	2-E33-5	13.03	ppb
Cyanide	2-E33-5	14.51	ppb
Cyanide	2-E33-7	31.27	ppb
Cyanide	2-E33-7	32.65	ppb
Cyanide	2-E33-8	10.00	ppb
Cyanide	2-E34-1	5.00	ppb
Cyanide	2-E34-1	12.14	ppb
Cyanide	2-E34-2	5.00	ppb
Cyanide	2-E34-2	12.31	ppb
Cyanide	2-E34-3	12.50	ppb
Cyanide	2-E34-5	5.00	ppb
Cyanide	2-E34-5	12.73	ppb
Cyanide	2-E34-6	11.43	ppb
Cyanide	2-E34-7	16.00	ppb
Cyanide	2-E34-8	20.00	ppb
Cyanide	2-E35-1	10.00	ppb
Cyanide	2-W10-13	15.00	ppb
Cyanide	2-W10-14	15.00	ppb

Constituent	Well	Average	Units
Cyanide	2-W10-15	20.00	ppb
Cyanide	2-W10-16	20.00	ppb
Cyanide	2-W10-17	20.00	ppb
Cyanide	2-W10-18	20.00	ppb
Cyanide	2-W10-4	10.00	ppb
Cyanide	2-W10-8	10.00	ppb
Cyanide	2-W10-9	15.00	ppb
Cyanide	2-W11-14	13.33	ppb
Cyanide	2-W11-18	20.00	ppb
Cyanide	2-W11-23	20.00	ppb
Cyanide	2-W11-7	10.00	ppb
Cyanide	2-W12-1	20.00	ppb
Cyanide	2-W14-10	10.00	ppb
Cyanide	2-W14-2	49.50	ppb
Cyanide	2-W14-5	10.00	ppb
Cyanide	2-W14-6	10.00	ppb
Cyanide	2-W15-10	10.00	ppb
Cyanide	2-W15-11	10.00	ppb
Cyanide	2-W15-12	10.00	ppb
Cyanide	2-W15-15	13.33	ppb
Cyanide	2-W15-16	15.00	ppb
Cyanide	2-W15-17	15.71	ppb
Cyanide	2-W15-18	15.00	ppb
Cyanide	2-W15-19	20.00	ppb
Cyanide	2-W15-20	20.00	ppb
Cyanide	2-W15-22	20.00	ppb
Cyanide	2-W15-23	20.00	ppb
Cyanide	2-W15-24	20.00	ppb
Cyanide	2-W15-4	13.33	ppb
Cyanide	2-W15-6	20.00	ppb
Cyanide	2-W15-7	13.33	ppb
Cyanide	2-W15-8	25.33	ppb
Cyanide	2-W18-15	10.00	ppb
Cyanide	2-W18-17	10.00	ppb
Cyanide	2-W18-20	10.00	ppb
Cyanide	2-W18-21	14.44	ppb
Cyanide	2-W18-22	14.29	ppb
Cyanide	2-W18-23	15.00	ppb
Cyanide	2-W18-24	15.00	ppb
Cyanide	2-W18-25	20.00	ppb
Cyanide	2-W18-26	20.00	ppb
Cyanide	2-W18-4	10.00	ppb
Cyanide	2-W18-5	25.00	ppb
Cyanide	2-W18-9	10.00	ppb
Cyanide	2-W19-1	15.00	ppb

Constituent	Well	Average	Units
Cyanide	2-W19-11	10.00	ppb
Cyanide	2-W19-13	12.50	ppb
Cyanide	2-W19-15	10.00	ppb
Cyanide	2-W19-16	10.00	ppb
Cyanide	2-W19-18	12.50	ppb
Cyanide	2-W19-19	10.00	ppb
Cyanide	2-W19-20	10.00	ppb
Cyanide	2-W19-21	12.00	ppb
Cyanide	2-W19-23	10.00	ppb
Cyanide	2-W19-24	12.00	ppb
Cyanide	2-W19-25	10.10	ppb
Cyanide	2-W19-26	15.00	ppb
Cyanide	2-W19-27	15.00	ppb
Cyanide	2-W19-28	16.03	ppb
Cyanide	2-W19-29	20.00	ppb
Cyanide	2-W19-3	10.00	ppb
Cyanide	2-W19-30	20.00	ppb
Cyanide	2-W19-31	20.00	ppb
Cyanide	2-W19-32	20.00	ppb
Cyanide	2-W19-5	10.00	ppb
Cyanide	2-W19-9	10.00	ppb
Cyanide	2-W22-1	10.00	ppb
Cyanide	2-W22-12	10.00	ppb
Cyanide	2-W22-2	10.00	ppb
Cyanide	2-W22-20	11.67	ppb
Cyanide	2-W22-21	20.00	ppb
Cyanide	2-W22-22	10.00	ppb
Cyanide	2-W22-26	10.00	ppb
Cyanide	2-W22-39	20.00	ppb
Cyanide	2-W22-40	20.00	ppb
Cyanide	2-W22-41	20.00	ppb
Cyanide	2-W22-42	20.00	ppb
Cyanide	2-W23-10	10.00	ppb
Cyanide	2-W23-11	20.00	ppb
Cyanide	2-W23-13	20.00	ppb
Cyanide	2-W23-14	20.00	ppb
Cyanide	2-W26-10	20.00	ppb
Cyanide	2-W26-12	20.00	ppb
Cyanide	2-W26-3	10.00	ppb
Cyanide	2-W26-6	15.00	ppb
Cyanide	2-W26-7	20.00	ppb
Cyanide	2-W26-8	20.00	ppb
Cyanide	2-W26-9	20.00	ppb
Cyanide	2-W27-1	10.00	ppb
Cyanide	2-W6-2	16.15	ppb

Constituent	Well	Average	Units
Cyanide	2-W6-4	20.00	ppb
Cyanide	2-W6-5	20.00	ppb
Cyanide	2-W6-6	20.00	ppb
Cyanide	2-W6-7	20.00	ppb
Cyanide	2-W6-8	20.00	ppb
Cyanide	2-W7-1	15.56	ppb
Cyanide	2-W7-10	20.00	ppb
Cyanide	2-W7-11	20.00	ppb
Cyanide	2-W7-12	20.00	ppb
Cyanide	2-W7-2	16.00	ppb
Cyanide	2-W7-3	15.00	ppb
Cyanide	2-W7-4	14.55	ppb
Cyanide	2-W7-5	15.45	ppb
Cyanide	2-W7-6	16.00	ppb
Cyanide	2-W7-7	20.00	ppb
Cyanide	2-W7-8	20.00	ppb
Cyanide	2-W7-9	20.00	ppb
Cyanide	2-W8-1	15.83	ppb
Cyanide	2-W9-1	16.00	ppb
Cyanide	6-20-39	10.00	ppb
Cyanide	6-23-34	10.00	ppb
Cyanide	6-24-33	10.00	ppb
Cyanide	6-24-34A	10.00	ppb
Cyanide	6-24-34B	10.00	ppb
Cyanide	6-24-34C	10.00	ppb
Cyanide	6-24-35	10.00	ppb
Cyanide	6-24-46	10.00	ppb
Cyanide	6-25-33A	10.00	ppb
Cyanide	6-25-34A	10.00	ppb
Cyanide	6-25-34B	10.00	ppb
Cyanide	6-25-34C	10.00	ppb
Cyanide	6-26-33	10.00	ppb
Cyanide	6-26-34	10.00	ppb
Cyanide	6-26-35A	10.00	ppb
Cyanide	6-26-35C	10.00	ppb
Cyanide	6-29-78	10.00	ppb
Cyanide	6-31-31	10.00	ppb
Cyanide	6-32-43	10.00	ppb
Cyanide	6-32-70B	10.00	ppb
Cyanide	6-32-72	10.00	ppb
Cyanide	6-32-77	10.00	ppb
Cyanide	6-33-56	20.00	ppb
Cyanide	6-34-42	20.00	ppb
Cyanide	6-34-51	20.00	ppb
Cyanide	6-35-66	10.00	ppb

Constituent	Well	Average	Units
Cyanide	6-35-70	15.00	ppb
Cyanide	6-35-78A	10.00	ppb
Cyanide	6-36-61A	12.50	ppb
Cyanide	6-37-82A	15.00	ppb
Cyanide	6-38-65	10.00	ppb
Cyanide	6-38-70	17.59	ppb
Cyanide	6-39-39	10.00	ppb
Cyanide	6-39-79	10.00	ppb
Cyanide	6-40-33A	10.00	ppb
Cyanide	6-40-62	12.50	ppb
Cyanide	6-42-40A	10.00	ppb
Cyanide	6-42-40B	10.00	ppb
Cyanide	6-42-42B	10.00	ppb
Cyanide	6-43-41E	10.00	ppb
Cyanide	6-43-41F	10.00	ppb
Cyanide	6-43-42J	20.00	ppb
Cyanide	6-43-43	10.00	ppb
Cyanide	6-43-45	10.00	ppb
Cyanide	6-43-88	10.00	ppb
Cyanide	6-44-42	20.00	ppb
Cyanide	6-44-43B	10.00	ppb
Cyanide	6-44-64	15.25	ppb
Cyanide	6-45-42	35.17	ppb
Cyanide	6-45-69A	13.33	ppb
Cyanide	6-46-21B	10.00	ppb
Cyanide	6-47-35A	10.00	ppb
Cyanide	6-47-46A	10.00	ppb
Cyanide	6-47-60	5.00	ppb
Cyanide	6-47-60	17.59	ppb
Cyanide	6-48-50	5.00	ppb
Cyanide	6-48-50	10.83	ppb
Cyanide	6-48-71	15.00	ppb
Cyanide	6-49-55A	22.26	ppb
Cyanide	6-49-55A	81.19	ppb
Cyanide	6-49-57A	21.75	ppb
Cyanide	6-49-57A	29.88	ppb
Cyanide	6-49-79	12.20	ppb
Cyanide	6-50-53A	611.53	ppb
Cyanide	6-50-53A	889.76	ppb
Cyanide	6-50-85	10.00	ppb
Cyanide	6-52-54	13.33	ppb
Cyanide	6-52-54	45.83	ppb
Cyanide	6-52-57	5.00	ppb
Cyanide	6-52-57	10.00	ppb
Cyanide	6-53-47A	10.00	ppb

Constituent	Well	Average	Units
Cyanide	6-53-55A	5.00	ppb
Cyanide	6-53-55A	15.00	ppb
Cyanide	6-54-34	10.00	ppb
Cyanide	6-55-50C	12.50	ppb
Cyanide	6-55-55	5.00	ppb
Cyanide	6-55-55	28.40	ppb
Cyanide	6-55-57	91.14	ppb
Cyanide	6-55-57	107.35	ppb
Cyanide	6-55-76	10.00	ppb
Cyanide	6-57-29A	10.00	ppb
Cyanide	6-59-58	10.00	ppb
Cyanide	6-60-57	10.00	ppb
Cyanide	6-65-72	15.75	ppb
Cyanide	6-65-83	10.00	ppb
Cyanide	6-67-86	10.00	ppb
Fluoride	1-B4-2	250.00	ppb
Fluoride	1-B4-3	250.00	ppb
Fluoride	1-B4-4	250.00	ppb
Fluoride	1-B5-1	500.00	ppb
Fluoride	1-B9-1	250.00	ppb
Fluoride	2-E13-14	571.43	ppb
Fluoride	2-E13-19	500.00	ppb
Fluoride	2-E13-5	250.00	ppb
Fluoride	2-E13-8	500.00	ppb
Fluoride	2-E16-2	550.00	ppb
Fluoride	2-E17-1	539.00	ppb
Fluoride	2-E17-12	541.17	ppb
Fluoride	2-E17-13	562.50	ppb
Fluoride	2-E17-14	539.00	ppb
Fluoride	2-E17-15	638.38	ppb
Fluoride	2-E17-16	534.50	ppb
Fluoride	2-E17-17	572.33	ppb
Fluoride	2-E17-18	510.25	ppb
Fluoride	2-E17-19	557.14	ppb
Fluoride	2-E17-2	633.33	ppb
Fluoride	2-E17-20	539.29	ppb
Fluoride	2-E17-5	536.54	ppb
Fluoride	2-E17-6	526.56	ppb
Fluoride	2-E17-8	250.00	ppb
Fluoride	2-E17-9	600.11	ppb
Fluoride	2-E18-1	530.00	ppb
Fluoride	2-E18-2	645.00	ppb
Fluoride	2-E18-3	250.00	ppb

Constituent	Well	Average	Units
Fluoride	2-E18-4	250.00	ppb
Fluoride	2-E23-1	500.00	ppb
Fluoride	2-E24-12	500.00	ppb
Fluoride	2-E24-16	250.00	ppb
Fluoride	2-E24-17	250.00	ppb
Fluoride	2-E24-18	535.00	ppb
Fluoride	2-E24-19	250.00	ppb
Fluoride	2-E24-2	250.00	ppb
Fluoride	2-E24-20	250.00	ppb
Fluoride	2-E24-4	250.00	ppb
Fluoride	2-E24-7	550.00	ppb
Fluoride	2-E24-8	500.00	ppb
Fluoride	2-E25-11	250.00	ppb
Fluoride	2-E25-13	500.00	ppb
Fluoride	2-E25-17	500.00	ppb
Fluoride	2-E25-18	531.58	ppb
Fluoride	2-E25-19	599.85	ppb
Fluoride	2-E25-2	500.00	ppb
Fluoride	2-E25-20	732.31	ppb
Fluoride	2-E25-21	685.11	ppb
Fluoride	2-E25-22	250.00	ppb
Fluoride	2-E25-23	513.00	ppb
Fluoride	2-E25-24	679.75	ppb
Fluoride	2-E25-25	250.00	ppb
Fluoride	2-E25-26	250.00	ppb
Fluoride	2-E25-27	500.00	ppb
Fluoride	2-E25-28	250.00	ppb
Fluoride	2-E25-29P	540.31	ppb
Fluoride	2-E25-3	500.00	ppb
Fluoride	2-E25-30P	541.00	ppb
Fluoride	2-E25-31	250.00	ppb
Fluoride	2-E25-32P	250.00	ppb
Fluoride	2-E25-33	614.46	ppb
Fluoride	2-E25-34	250.00	ppb
Fluoride	2-E25-35	724.15	ppb
Fluoride	2-E25-36	250.00	ppb
Fluoride	2-E25-37	250.00	ppb
Fluoride	2-E25-38	250.00	ppb
Fluoride	2-E25-39	250.00	ppb
Fluoride	2-E25-40	250.00	ppb
Fluoride	2-E25-41	250.00	ppb
Fluoride	2-E25-42	700.00	ppb
Fluoride	2-E25-43	250.00	ppb
Fluoride	2-E25-6	250.00	ppb
Fluoride	2-E25-9	250.00	ppb

Constituent	Well	Average	Units
Fluoride	2-E26-1	500.00	ppb
Fluoride	2-E26-10	250.00	ppb
Fluoride	2-E26-11	502.00	ppb
Fluoride	2-E26-12	250.00	ppb
Fluoride	2-E26-13	250.00	ppb
Fluoride	2-E26-2	500.00	ppb
Fluoride	2-E26-4	500.00	ppb
Fluoride	2-E26-5	500.00	ppb
Fluoride	2-E26-9	527.50	ppb
Fluoride	2-E27-10	250.00	ppb
Fluoride	2-E27-11	500.00	ppb
Fluoride	2-E27-12	250.00	ppb
Fluoride	2-E27-13	250.00	ppb
Fluoride	2-E27-14	250.00	ppb
Fluoride	2-E27-15	250.00	ppb
Fluoride	2-E27-16	250.00	ppb
Fluoride	2-E27-5	500.00	ppb
Fluoride	2-E27-7	250.00	ppb
Fluoride	2-E27-8	250.00	ppb
Fluoride	2-E27-9	250.00	ppb
Fluoride	2-E28-1	250.00	ppb
Fluoride	2-E28-12	666.67	ppb
Fluoride	2-E28-13	556.00	ppb
Fluoride	2-E28-16	500.00	ppb
Fluoride	2-E28-17	600.00	ppb
Fluoride	2-E28-18	250.00	ppb
Fluoride	2-E28-19	500.00	ppb
Fluoride	2-E28-21	569.17	ppb
Fluoride	2-E28-23	548.75	ppb
Fluoride	2-E28-24	2466.67	ppb
Fluoride	2-E28-25	533.33	ppb
Fluoride	2-E28-26	542.50	ppb
Fluoride	2-E28-27	580.14	ppb
Fluoride	2-E28-28	518.00	ppb
Fluoride	2-E28-5	250.00	ppb
Fluoride	2-E28-7	525.00	ppb
Fluoride	2-E28-9	650.00	ppb
Fluoride	2-E32-1	502.33	ppb
Fluoride	2-E32-2	250.00	ppb
Fluoride	2-E32-3	530.00	ppb
Fluoride	2-E32-4	592.50	ppb
Fluoride	2-E32-5	560.00	ppb
Fluoride	2-E33-1	250.00	ppb
Fluoride	2-E33-13	250.00	ppb
Fluoride	2-E33-14	250.00	ppb

Constituent	Well	Average	Units
Fluoride	2-E33-15	250.00	ppb
Fluoride	2-E33-18	250.00	ppb
Fluoride	2-E33-21	500.00	ppb
Fluoride	2-E33-24	250.00	ppb
Fluoride	2-E33-26	250.00	ppb
Fluoride	2-E33-28	250.00	ppb
Fluoride	2-E33-29	250.00	ppb
Fluoride	2-E33-3	250.00	ppb
Fluoride	2-E33-30	250.00	ppb
Fluoride	2-E33-31	250.00	ppb
Fluoride	2-E33-32	250.00	ppb
Fluoride	2-E33-33	250.00	ppb
Fluoride	2-E33-34	250.00	ppb
Fluoride	2-E33-35	250.00	ppb
Fluoride	2-E33-36	250.00	ppb
Fluoride	2-E33-37	250.00	ppb
Fluoride	2-E33-38	250.00	ppb
Fluoride	2-E33-39	250.00	ppb
Fluoride	2-E33-4	250.00	ppb
Fluoride	2-E33-41	505.71	ppb
Fluoride	2-E33-42	250.00	ppb
Fluoride	2-E33-43	250.00	ppb
Fluoride	2-E33-5	250.00	ppb
Fluoride	2-E33-7	250.00	ppb
Fluoride	2-E33-8	500.00	ppb
Fluoride	2-E34-1	250.00	ppb
Fluoride	2-E34-2	250.00	ppb
Fluoride	2-E34-3	250.00	ppb
Fluoride	2-E34-5	250.00	ppb
Fluoride	2-E34-6	585.71	ppb
Fluoride	2-E34-7	540.00	ppb
Fluoride	2-E34-8	250.00	ppb
Fluoride	2-E35-1	500.00	ppb
Fluoride	2-E35-2	552.00	ppb
Fluoride	2-W10-13	250.00	ppb
Fluoride	2-W10-14	250.00	ppb
Fluoride	2-W10-15	4385.71	ppb
Fluoride	2-W10-16	2033.33	ppb
Fluoride	2-W10-17	1840.00	ppb
Fluoride	2-W10-18	1240.00	ppb
Fluoride	2-W10-4	3113.33	ppb
Fluoride	2-W10-8	1200.00	ppb
Fluoride	2-W10-9	4590.00	ppb
Fluoride	2-W11-14	740.50	ppb
Fluoride	2-W11-18	1700.00	ppb

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Constituent	Well	Average	Units
Fluoride	2-W11-23	500.00	ppb
Fluoride	2-W11-7	1250.00	ppb
Fluoride	2-W12-1	700.00	ppb
Fluoride	2-W14-10	546.67	ppb
Fluoride	2-W14-2	1044.00	ppb
Fluoride	2-W14-5	1920.00	ppb
Fluoride	2-W14-6	2804.00	ppb
Fluoride	2-W15-10	500.00	ppb
Fluoride	2-W15-11	500.00	ppb
Fluoride	2-W15-12	1794.00	ppb
Fluoride	2-W15-15	250.00	ppb
Fluoride	2-W15-16	664.30	ppb
Fluoride	2-W15-17	250.00	ppb
Fluoride	2-W15-18	630.67	ppb
Fluoride	2-W15-19	500.00	ppb
Fluoride	2-W15-20	535.00	ppb
Fluoride	2-W15-22	502.50	ppb
Fluoride	2-W15-23	550.00	ppb
Fluoride	2-W15-24	624.00	ppb
Fluoride	2-W15-4	10066.67	ppb
Fluoride	2-W15-6	500.00	ppb
Fluoride	2-W15-7	542.33	ppb
Fluoride	2-W15-8	1458.40	ppb
Fluoride	2-W18-15	500.00	ppb
Fluoride	2-W18-17	610.00	ppb
Fluoride	2-W18-20	250.00	ppb
Fluoride	2-W18-21	250.00	ppb
Fluoride	2-W18-22	250.00	ppb
Fluoride	2-W18-23	250.00	ppb
Fluoride	2-W18-24	652.45	ppb
Fluoride	2-W18-25	250.00	ppb
Fluoride	2-W18-26	638.33	ppb
Fluoride	2-W18-4	775.00	ppb
Fluoride	2-W18-5	652.75	ppb
Fluoride	2-W18-8	500.00	ppb
Fluoride	2-W18-9	500.00	ppb
Fluoride	2-W19-1	500.00	ppb
Fluoride	2-W19-11	583.50	ppb
Fluoride	2-W19-12	600.00	ppb
Fluoride	2-W19-13	682.50	ppb
Fluoride	2-W19-15	560.40	ppb
Fluoride	2-W19-16	598.40	ppb
Fluoride	2-W19-18	531.00	ppb
Fluoride	2-W19-19	750.00	ppb
Fluoride	2-W19-2	500.00	ppb

Constituent	Well	Average	Units
Fluoride	2-W19-20	1301.75	ppb
Fluoride	2-W19-21	250.00	ppb
Fluoride	2-W19-23	533.33	ppb
Fluoride	2-W19-24	1025.00	ppb
Fluoride	2-W19-25	1600.00	ppb
Fluoride	2-W19-26	1500.00	ppb
Fluoride	2-W19-27	250.00	ppb
Fluoride	2-W19-28	750.00	ppb
Fluoride	2-W19-29	1166.67	ppb
Fluoride	2-W19-3	571.50	ppb
Fluoride	2-W19-30	2550.00	ppb
Fluoride	2-W19-31	250.00	ppb
Fluoride	2-W19-32	563.33	ppb
Fluoride	2-W19-5	500.00	ppb
Fluoride	2-W19-9	651.50	ppb
Fluoride	2-W22-1	500.00	ppb
Fluoride	2-W22-10	250.00	ppb
Fluoride	2-W22-12	540.00	ppb
Fluoride	2-W22-2	650.00	ppb
Fluoride	2-W22-20	538.89	ppb
Fluoride	2-W22-21	500.00	ppb
Fluoride	2-W22-22	500.80	ppb
Fluoride	2-W22-26	500.00	ppb
Fluoride	2-W22-39	525.00	ppb
Fluoride	2-W22-40	550.00	ppb
Fluoride	2-W22-41	725.00	ppb
Fluoride	2-W22-42	670.00	ppb
Fluoride	2-W22-9	1950.00	ppb
Fluoride	2-W23-1	1000.00	ppb
Fluoride	2-W23-10	500.00	ppb
Fluoride	2-W23-11	250.00	ppb
Fluoride	2-W23-13	575.00	ppb
Fluoride	2-W23-14	250.00	ppb
Fluoride	2-W23-4	500.00	ppb
Fluoride	2-W23-9	250.00	ppb
Fluoride	2-W26-10	513.33	ppb
Fluoride	2-W26-12	1000.00	ppb
Fluoride	2-W26-3	500.00	ppb
Fluoride	2-W26-6	250.00	ppb
Fluoride	2-W26-7	606.67	ppb
Fluoride	2-W26-8	518.00	ppb
Fluoride	2-W26-9	512.50	ppb
Fluoride	2-W27-1	250.00	ppb
Fluoride	2-W6-2	250.00	ppb
Fluoride	2-W6-4	250.00	ppb

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Constituent	Well	Average	Units
Fluoride	2-W6-5	500.00	ppb
Fluoride	2-W6-6	250.00	ppb
Fluoride	2-W6-7	250.00	ppb
Fluoride	2-W6-8	250.00	ppb
Fluoride	2-W7-1	250.00	ppb
Fluoride	2-W7-10	250.00	ppb
Fluoride	2-W7-11	250.00	ppb
Fluoride	2-W7-12	250.00	ppb
Fluoride	2-W7-2	250.00	ppb
Fluoride	2-W7-3	250.00	ppb
Fluoride	2-W7-4	250.00	ppb
Fluoride	2-W7-5	516.67	ppb
Fluoride	2-W7-6	625.00	ppb
Fluoride	2-W7-7	530.00	ppb
Fluoride	2-W7-8	531.43	ppb
Fluoride	2-W7-9	531.43	ppb
Fluoride	2-W8-1	250.00	ppb
Fluoride	2-W9-1	250.00	ppb
Fluoride	6-20-20	250.00	ppb
Fluoride	6-20-39	542.00	ppb
Fluoride	6-23-34	549.65	ppb
Fluoride	6-24-33	531.31	ppb
Fluoride	6-24-34A	524.93	ppb
Fluoride	6-24-34B	550.65	ppb
Fluoride	6-24-34C	555.25	ppb
Fluoride	6-24-35	519.38	ppb
Fluoride	6-24-46	522.67	ppb
Fluoride	6-25-33A	513.56	ppb
Fluoride	6-25-34A	563.75	ppb
Fluoride	6-25-34B	586.78	ppb
Fluoride	6-25-34C	528.20	ppb
Fluoride	6-26-33	605.50	ppb
Fluoride	6-26-34	589.29	ppb
Fluoride	6-26-35A	547.58	ppb
Fluoride	6-26-35C	250.00	ppb
Fluoride	6-28-40	250.00	ppb
Fluoride	6-29-78	551.25	ppb
Fluoride	6-31-31	675.00	ppb
Fluoride	6-31-31P	950.00	ppb
Fluoride	6-32-43	560.00	ppb
Fluoride	6-32-62	800.00	ppb
Fluoride	6-32-70B	250.00	ppb
Fluoride	6-32-72	502.00	ppb
Fluoride	6-32-77	599.00	ppb
Fluoride	6-33-42	550.00	ppb

Constituent	Well	Average	Units
Fluoride	6-33-56	500.00	ppb
Fluoride	6-34-41B	700.00	ppb
Fluoride	6-34-42	600.00	ppb
Fluoride	6-34-51	250.00	ppb
Fluoride	6-35-66	250.00	ppb
Fluoride	6-35-70	500.00	ppb
Fluoride	6-35-78A	250.00	ppb
Fluoride	6-36-46Q	500.00	ppb
Fluoride	6-36-61A	250.00	ppb
Fluoride	6-36-61B	550.00	ppb
Fluoride	6-36-93	250.00	ppb
Fluoride	6-37-82A	250.00	ppb
Fluoride	6-38-65	250.00	ppb
Fluoride	6-38-70	616.22	ppb
Fluoride	6-39-39	575.00	ppb
Fluoride	6-39-79	250.00	ppb
Fluoride	6-40-33A	850.00	ppb
Fluoride	6-40-40A	833.33	ppb
Fluoride	6-40-40B	666.67	ppb
Fluoride	6-40-62	250.00	ppb
Fluoride	6-41-23	500.00	ppb
Fluoride	6-42-39A	733.33	ppb
Fluoride	6-42-39B	700.00	ppb
Fluoride	6-42-40A	250.00	ppb
Fluoride	6-42-40B	500.00	ppb
Fluoride	6-42-41	250.00	ppb
Fluoride	6-42-42B	532.50	ppb
Fluoride	6-43-40	533.33	ppb
Fluoride	6-43-41E	556.67	ppb
Fluoride	6-43-41F	520.00	ppb
Fluoride	6-43-41G	566.67	ppb
Fluoride	6-43-42J	506.67	ppb
Fluoride	6-43-43	250.00	ppb
Fluoride	6-43-45	250.00	ppb
Fluoride	6-43-88	500.00	ppb
Fluoride	6-44-42	250.00	ppb
Fluoride	6-44-43B	501.82	ppb
Fluoride	6-44-64	557.50	ppb
Fluoride	6-45-42	644.50	ppb
Fluoride	6-45-69A	250.00	ppb
Fluoride	6-46-21B	600.00	ppb
Fluoride	6-47-35A	500.00	ppb
Fluoride	6-47-46A	554.00	ppb
Fluoride	6-47-60	250.00	ppb
Fluoride	6-48-18	250.00	ppb

Constituent	Well	Average	Units
Fluoride	6-48-50	250.00	ppb
Fluoride	6-48-71	250.00	ppb
Fluoride	6-49-100C	250.00	ppb
Fluoride	6-49-55A	250.00	ppb
Fluoride	6-49-57A	250.00	ppb
Fluoride	6-49-79	250.00	ppb
Fluoride	6-50-48B	500.00	ppb
Fluoride	6-50-53A	621.52	ppb
Fluoride	6-50-85	250.00	ppb
Fluoride	6-51-63	250.00	ppb
Fluoride	6-51-75	250.00	ppb
Fluoride	6-52-19	600.00	ppb
Fluoride	6-52-54	250.00	ppb
Fluoride	6-52-57	250.00	ppb
Fluoride	6-53-47A	250.00	ppb
Fluoride	6-53-47B	500.00	ppb
Fluoride	6-53-48A	250.00	ppb
Fluoride	6-53-55A	250.00	ppb
Fluoride	6-54-34	650.00	ppb
Fluoride	6-54-48	250.00	ppb
Fluoride	6-54-49	500.00	ppb
Fluoride	6-55-40	600.00	ppb
Fluoride	6-55-50C	250.00	ppb
Fluoride	6-55-55	250.00	ppb
Fluoride	6-55-57	250.00	ppb
Fluoride	6-55-76	250.00	ppb
Fluoride	6-57-29A	500.00	ppb
Fluoride	6-58-24	250.00	ppb
Fluoride	6-59-58	950.00	ppb
Fluoride	6-60-57	1966.67	ppb
Fluoride	6-61-37	700.00	ppb
Fluoride	6-61-41	600.00	ppb
Fluoride	6-61-62	900.00	ppb
Fluoride	6-61-66	500.00	ppb
Fluoride	6-62-31	500.00	ppb
Fluoride	6-63-25A	250.00	ppb
Fluoride	6-63-55	1350.00	ppb
Fluoride	6-63-58	1100.00	ppb
Fluoride	6-64-62	750.00	ppb
Fluoride	6-65-59A	800.00	ppb
Fluoride	6-65-72	574.60	ppb
Fluoride	6-65-83	500.00	ppb
Fluoride	6-66-23	250.00	ppb
Fluoride	6-66-38	500.00	ppb
Fluoride	6-66-39	250.00	ppb

Constituent	Well	Average	Units
Fluoride	6-66-58	950.00	ppb
Fluoride	6-67-51	500.00	ppb
Fluoride	6-67-86	250.00	ppb
Gross alpha	2-E13-14	5.07	pCi/L
Gross alpha	2-E13-5	2.00	pCi/L
Gross alpha	2-E16-2	2.00	pCi/L
Gross alpha	2-E17-1	2.00	pCi/L
Gross alpha	2-E17-12	2.00	pCi/L
Gross alpha	2-E17-13	2.00	pCi/L
Gross alpha	2-E17-14	7.93	pCi/L
Gross alpha	2-E17-15	2.00	pCi/L
Gross alpha	2-E17-16	2.00	pCi/L
Gross alpha	2-E17-17	2.00	pCi/L
Gross alpha	2-E17-18	2.00	pCi/L
Gross alpha	2-E17-19	2.00	pCi/L
Gross alpha	2-E17-2	5.00	pCi/L
Gross alpha	2-E17-20	2.00	pCi/L
Gross alpha	2-E17-5	5.36	pCi/L
Gross alpha	2-E17-6	2.00	pCi/L
Gross alpha	2-E17-9	2.00	pCi/L
Gross alpha	2-E18-1	2.00	pCi/L
Gross alpha	2-E18-2	2.00	pCi/L
Gross alpha	2-E18-3	2.00	pCi/L
Gross alpha	2-E18-4	2.00	pCi/L
Gross alpha	2-E24-1	4.15	pCi/L
Gross alpha	2-E24-13	2.00	pCi/L
Gross alpha	2-E24-16	2.00	pCi/L
Gross alpha	2-E24-17	2.00	pCi/L
Gross alpha	2-E24-18	7.24	pCi/L
Gross alpha	2-E24-19	2.00	pCi/L
Gross alpha	2-E24-2	2.00	pCi/L
Gross alpha	2-E24-20	2.00	pCi/L
Gross alpha	2-E24-4	2.00	pCi/L
Gross alpha	2-E25-10	2.00	pCi/L
Gross alpha	2-E25-11	2.00	pCi/L
Gross alpha	2-E25-17	2.00	pCi/L
Gross alpha	2-E25-18	2.00	pCi/L
Gross alpha	2-E25-19	2.00	pCi/L
Gross alpha	2-E25-20	2.00	pCi/L
Gross alpha	2-E25-21	2.00	pCi/L
Gross alpha	2-E25-22	2.00	pCi/L
Gross alpha	2-E25-23	2.00	pCi/L
Gross alpha	2-E25-24	2.00	pCi/L

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Constituent	Well	Average	Units
Gross alpha	2-E25-25	2.00	pCi/L
Gross alpha	2-E25-26	2.00	pCi/L
Gross alpha	2-E25-28	2.00	pCi/L
Gross alpha	2-E25-29P	2.00	pCi/L
Gross alpha	2-E25-31	2.00	pCi/L
Gross alpha	2-E25-32P	2.00	pCi/L
Gross alpha	2-E25-33	2.00	pCi/L
Gross alpha	2-E25-34	2.00	pCi/L
Gross alpha	2-E25-35	2.00	pCi/L
Gross alpha	2-E25-36	2.00	pCi/L
Gross alpha	2-E25-37	2.00	pCi/L
Gross alpha	2-E25-38	2.00	pCi/L
Gross alpha	2-E25-39	2.00	pCi/L
Gross alpha	2-E25-40	2.00	pCi/L
Gross alpha	2-E25-41	2.00	pCi/L
Gross alpha	2-E25-42	2.00	pCi/L
Gross alpha	2-E25-43	2.00	pCi/L
Gross alpha	2-E25-6	2.00	pCi/L
Gross alpha	2-E25-9	2.00	pCi/L
Gross alpha	2-E26-10	2.00	pCi/L
Gross alpha	2-E26-11	2.00	pCi/L
Gross alpha	2-E26-12	2.00	pCi/L
Gross alpha	2-E26-13	2.00	pCi/L
Gross alpha	2-E26-6	2.00	pCi/L
Gross alpha	2-E26-9	2.00	pCi/L
Gross alpha	2-E27-10	2.00	pCi/L
Gross alpha	2-E27-11	2.00	pCi/L
Gross alpha	2-E27-12	2.00	pCi/L
Gross alpha	2-E27-13	2.00	pCi/L
Gross alpha	2-E27-14	2.00	pCi/L
Gross alpha	2-E27-15	2.00	pCi/L
Gross alpha	2-E27-16	2.00	pCi/L
Gross alpha	2-E27-7	2.00	pCi/L
Gross alpha	2-E27-8	2.00	pCi/L
Gross alpha	2-E27-9	2.00	pCi/L
Gross alpha	2-E28-11	2.00	pCi/L
Gross alpha	2-E28-12	13.80	pCi/L
Gross alpha	2-E28-13	2.00	pCi/L
Gross alpha	2-E28-15	2.00	pCi/L
Gross alpha	2-E28-16	5.58	pCi/L
Gross alpha	2-E28-17	8.26	pCi/L
Gross alpha	2-E28-18	27.14	pCi/L
Gross alpha	2-E28-19	10.43	pCi/L
Gross alpha	2-E28-21	26.82	pCi/L
Gross alpha	2-E28-23	29.31	pCi/L

Constituent	Well	Average	Units
Gross alpha	2-E28-24	8.70	pCi/L
Gross alpha	2-E28-25	24.23	pCi/L
Gross alpha	2-E28-26	16.21	pCi/L
Gross alpha	2-E28-27	4.11	pCi/L
Gross alpha	2-E28-28	12.02	pCi/L
Gross alpha	2-E28-7	2.00	pCi/L
Gross alpha	2-E28-9	6.18	pCi/L
Gross alpha	2-E32-2	2.00	pCi/L
Gross alpha	2-E32-3	11.40	pCi/L
Gross alpha	2-E32-4	2.00	pCi/L
Gross alpha	2-E32-5	12.99	pCi/L
Gross alpha	2-E33-1	7.67	pCi/L
Gross alpha	2-E33-13	7.32	pCi/L
Gross alpha	2-E33-14	2.00	pCi/L
Gross alpha	2-E33-15	2.00	pCi/L
Gross alpha	2-E33-18	2.00	pCi/L
Gross alpha	2-E33-24	2.00	pCi/L
Gross alpha	2-E33-26	2.00	pCi/L
Gross alpha	2-E33-28	2.00	pCi/L
Gross alpha	2-E33-29	2.00	pCi/L
Gross alpha	2-E33-3	4.40	pCi/L
Gross alpha	2-E33-30	2.00	pCi/L
Gross alpha	2-E33-31	2.00	pCi/L
Gross alpha	2-E33-32	2.00	pCi/L
Gross alpha	2-E33-33	2.00	pCi/L
Gross alpha	2-E33-34	2.00	pCi/L
Gross alpha	2-E33-35	2.00	pCi/L
Gross alpha	2-E33-36	2.00	pCi/L
Gross alpha	2-E33-37	2.00	pCi/L
Gross alpha	2-E33-38	2.00	pCi/L
Gross alpha	2-E33-39	2.00	pCi/L
Gross alpha	2-E33-4	5.43	pCi/L
Gross alpha	2-E33-41	2.00	pCi/L
Gross alpha	2-E33-42	2.00	pCi/L
Gross alpha	2-E33-43	2.00	pCi/L
Gross alpha	2-E33-5	4.20	pCi/L
Gross alpha	2-E33-7	8.75	pCi/L
Gross alpha	2-E34-1	2.00	pCi/L
Gross alpha	2-E34-2	2.00	pCi/L
Gross alpha	2-E34-3	2.00	pCi/L
Gross alpha	2-E34-5	2.00	pCi/L
Gross alpha	2-E34-6	2.00	pCi/L
Gross alpha	2-E34-7	2.00	pCi/L
Gross alpha	2-E34-8	2.00	pCi/L
Gross alpha	2-E35-2	2.00	pCi/L

Constituent	Well	Average	Units
Gross alpha	2-W10-13	2.00	pCi/L
Gross alpha	2-W10-14	2.00	pCi/L
Gross alpha	2-W10-15	2.00	pCi/L
Gross alpha	2-W10-16	2.00	pCi/L
Gross alpha	2-W10-17	2.00	pCi/L
Gross alpha	2-W10-18	2.00	pCi/L
Gross alpha	2-W10-3	12.53	pCi/L
Gross alpha	2-W10-8	2.00	pCi/L
Gross alpha	2-W10-9	2.00	pCi/L
Gross alpha	2-W11-11	2.00	pCi/L
Gross alpha	2-W11-14	239.80	pCi/L
Gross alpha	2-W11-23	2.00	pCi/L
Gross alpha	2-W11-24	2.00	pCi/L
Gross alpha	2-W11-7	2.00	pCi/L
Gross alpha	2-W14-10	5.51	pCi/L
Gross alpha	2-W14-2	2.00	pCi/L
Gross alpha	2-W14-6	2.00	pCi/L
Gross alpha	2-W15-10	2.00	pCi/L
Gross alpha	2-W15-11	2.00	pCi/L
Gross alpha	2-W15-15	2.00	pCi/L
Gross alpha	2-W15-16	2.00	pCi/L
Gross alpha	2-W15-17	2.00	pCi/L
Gross alpha	2-W15-18	2.00	pCi/L
Gross alpha	2-W15-19	2.00	pCi/L
Gross alpha	2-W15-2	2.00	pCi/L
Gross alpha	2-W15-20	2.00	pCi/L
Gross alpha	2-W15-22	2.00	pCi/L
Gross alpha	2-W15-23	2.00	pCi/L
Gross alpha	2-W15-24	2.00	pCi/L
Gross alpha	2-W15-3	2.00	pCi/L
Gross alpha	2-W15-6	2.00	pCi/L
Gross alpha	2-W15-7	2.00	pCi/L
Gross alpha	2-W15-8	2.00	pCi/L
Gross alpha	2-W18-15	40.48	pCi/L
Gross alpha	2-W18-17	2.00	pCi/L
Gross alpha	2-W18-2	2.00	pCi/L
Gross alpha	2-W18-20	2.00	pCi/L
Gross alpha	2-W18-21	12.72	pCi/L
Gross alpha	2-W18-22	2.00	pCi/L
Gross alpha	2-W18-23	2.00	pCi/L
Gross alpha	2-W18-24	2.00	pCi/L
Gross alpha	2-W18-25	4.12	pCi/L
Gross alpha	2-W18-26	2.00	pCi/L
Gross alpha	2-W18-5	2.00	pCi/L
Gross alpha	2-W18-7	2.00	pCi/L

Constituent	Well	Average	Units
Gross alpha	2-W18-9	2.00	pCi/L
Gross alpha	2-W19-1	4.04	pCi/L
Gross alpha	2-W19-11	2323.33	pCi/L
Gross alpha	2-W19-12	2.00	pCi/L
Gross alpha	2-W19-13	6.55	pCi/L
Gross alpha	2-W19-14	2.00	pCi/L
Gross alpha	2-W19-15	142.13	pCi/L
Gross alpha	2-W19-16	696.00	pCi/L
Gross alpha	2-W19-17	22.93	pCi/L
Gross alpha	2-W19-18	2408.21	pCi/L
Gross alpha	2-W19-19	504.44	pCi/L
Gross alpha	2-W19-2	93.56	pCi/L
Gross alpha	2-W19-20	350.00	pCi/L
Gross alpha	2-W19-21	14.54	pCi/L
Gross alpha	2-W19-23	138.56	pCi/L
Gross alpha	2-W19-24	370.64	pCi/L
Gross alpha	2-W19-25	217.45	pCi/L
Gross alpha	2-W19-26	219.56	pCi/L
Gross alpha	2-W19-27	10.51	pCi/L
Gross alpha	2-W19-28	26.85	pCi/L
Gross alpha	2-W19-29	1359.33	pCi/L
Gross alpha	2-W19-3	2130.00	pCi/L
Gross alpha	2-W19-30	2.00	pCi/L
Gross alpha	2-W19-31	2.00	pCi/L
Gross alpha	2-W19-32	2.00	pCi/L
Gross alpha	2-W19-9	900.57	pCi/L
Gross alpha	2-W22-1	4.03	pCi/L
Gross alpha	2-W22-10	2.00	pCi/L
Gross alpha	2-W22-18	2.00	pCi/L
Gross alpha	2-W22-2	5.36	pCi/L
Gross alpha	2-W22-20	7.87	pCi/L
Gross alpha	2-W22-21	15.23	pCi/L
Gross alpha	2-W22-22	2.00	pCi/L
Gross alpha	2-W22-39	5.71	pCi/L
Gross alpha	2-W22-40	2.00	pCi/L
Gross alpha	2-W22-41	2.00	pCi/L
Gross alpha	2-W22-42	2.00	pCi/L
Gross alpha	2-W23-10	27.47	pCi/L
Gross alpha	2-W23-11	14.30	pCi/L
Gross alpha	2-W23-13	8.72	pCi/L
Gross alpha	2-W23-14	8.57	pCi/L
Gross alpha	2-W23-4	38.21	pCi/L
Gross alpha	2-W23-8	2.00	pCi/L
Gross alpha	2-W23-9	23.38	pCi/L
Gross alpha	2-W26-10	2.00	pCi/L

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Constituent	Well	Average	Units
Gross alpha	2-W26-12	2.00	pCi/L
Gross alpha	2-W26-3	2.00	pCi/L
Gross alpha	2-W26-6	2.00	pCi/L
Gross alpha	2-W26-7	2.00	pCi/L
Gross alpha	2-W26-8	10.27	pCi/L
Gross alpha	2-W26-9	2.00	pCi/L
Gross alpha	2-W27-1	7.68	pCi/L
Gross alpha	2-W6-2	2.00	pCi/L
Gross alpha	2-W6-4	5.22	pCi/L
Gross alpha	2-W6-5	2.00	pCi/L
Gross alpha	2-W6-6	2.00	pCi/L
Gross alpha	2-W6-7	5.05	pCi/L
Gross alpha	2-W6-8	2.00	pCi/L
Gross alpha	2-W7-1	2.00	pCi/L
Gross alpha	2-W7-10	2.00	pCi/L
Gross alpha	2-W7-11	2.00	pCi/L
Gross alpha	2-W7-12	2.00	pCi/L
Gross alpha	2-W7-2	2.00	pCi/L
Gross alpha	2-W7-3	2.00	pCi/L
Gross alpha	2-W7-4	2.00	pCi/L
Gross alpha	2-W7-5	2.00	pCi/L
Gross alpha	2-W7-6	23.00	pCi/L
Gross alpha	2-W7-7	2.00	pCi/L
Gross alpha	2-W7-8	2.00	pCi/L
Gross alpha	2-W7-9	2.00	pCi/L
Gross alpha	2-W8-1	2.00	pCi/L
Gross alpha	2-W9-1	2.00	pCi/L
Gross alpha	6-20-39	2.00	pCi/L
Gross alpha	6-23-34	4.08	pCi/L
Gross alpha	6-24-33	2.00	pCi/L
Gross alpha	6-24-34A	2.00	pCi/L
Gross alpha	6-24-34B	2.00	pCi/L
Gross alpha	6-24-34C	4.29	pCi/L
Gross alpha	6-24-35	2.00	pCi/L
Gross alpha	6-24-46	2.00	pCi/L
Gross alpha	6-25-33A	2.00	pCi/L
Gross alpha	6-25-34A	2.00	pCi/L
Gross alpha	6-25-34B	2.00	pCi/L
Gross alpha	6-25-34C	2.00	pCi/L
Gross alpha	6-25-55	2.00	pCi/L
Gross alpha	6-25-70	2.00	pCi/L
Gross alpha	6-26-33	2.00	pCi/L
Gross alpha	6-26-34	2.00	pCi/L
Gross alpha	6-26-35A	2.00	pCi/L
Gross alpha	6-26-35C	2.00	pCi/L

Constituent	Well	Average	Units
Gross alpha	6-28-40	2.00	pCi/L
Gross alpha	6-28-40P	2.00	pCi/L
Gross alpha	6-28-52A	2.00	pCi/L
Gross alpha	6-29-78	2.00	pCi/L
Gross alpha	6-31-31	2.00	pCi/L
Gross alpha	6-31-31P	2.00	pCi/L
Gross alpha	6-32-22	2.00	pCi/L
Gross alpha	6-32-43	2.00	pCi/L
Gross alpha	6-32-62	2.00	pCi/L
Gross alpha	6-32-70B	2.00	pCi/L
Gross alpha	6-32-72	2.00	pCi/L
Gross alpha	6-32-77	2.00	pCi/L
Gross alpha	6-33-42	2.00	pCi/L
Gross alpha	6-33-56	2.00	pCi/L
Gross alpha	6-34-39A	2.00	pCi/L
Gross alpha	6-34-42	2.00	pCi/L
Gross alpha	6-34-51	2.00	pCi/L
Gross alpha	6-35-66	2.00	pCi/L
Gross alpha	6-35-70	2.00	pCi/L
Gross alpha	6-35-78A	13.17	pCi/L
Gross alpha	6-36-46P	2.00	pCi/L
Gross alpha	6-36-46Q	2.00	pCi/L
Gross alpha	6-36-46R	2.00	pCi/L
Gross alpha	6-36-61A	2.00	pCi/L
Gross alpha	6-36-61B	2.00	pCi/L
Gross alpha	6-36-93	2.00	pCi/L
Gross alpha	6-37-82A	2.00	pCi/L
Gross alpha	6-38-65	2.00	pCi/L
Gross alpha	6-38-70	41.95	pCi/L
Gross alpha	6-39-39	2.00	pCi/L
Gross alpha	6-39-79	8.09	pCi/L
Gross alpha	6-40-33A	2.00	pCi/L
Gross alpha	6-40-40A	2.00	pCi/L
Gross alpha	6-40-40B	2.00	pCi/L
Gross alpha	6-40-62	2.00	pCi/L
Gross alpha	6-41-23	2.00	pCi/L
Gross alpha	6-42-39A	4.21	pCi/L
Gross alpha	6-42-39B	2.00	pCi/L
Gross alpha	6-42-40A	2.00	pCi/L
Gross alpha	6-42-40B	2.00	pCi/L
Gross alpha	6-42-41	2.00	pCi/L
Gross alpha	6-42-42B	2.00	pCi/L
Gross alpha	6-43-40	2.00	pCi/L
Gross alpha	6-43-41E	2.00	pCi/L
Gross alpha	6-43-41F	2.00	pCi/L

Constituent	Well	Average	Units
Gross alpha	6-43-41G	2.00	pCi/L
Gross alpha	6-43-42J	2.00	pCi/L
Gross alpha	6-43-43	2.00	pCi/L
Gross alpha	6-43-45	2.00	pCi/L
Gross alpha	6-43-88	2.00	pCi/L
Gross alpha	6-44-42	2.00	pCi/L
Gross alpha	6-44-43B	2.00	pCi/L
Gross alpha	6-44-64	2.00	pCi/L
Gross alpha	6-45-42	2.00	pCi/L
Gross alpha	6-45-69A	2.00	pCi/L
Gross alpha	6-46-21B	2.00	pCi/L
Gross alpha	6-47-35A	2.00	pCi/L
Gross alpha	6-47-46A	2.00	pCi/L
Gross alpha	6-47-60	2.00	pCi/L
Gross alpha	6-48-18	2.00	pCi/L
Gross alpha	6-48-50	2.00	pCi/L
Gross alpha	6-48-71	2.00	pCi/L
Gross alpha	6-49-100C	2.00	pCi/L
Gross alpha	6-49-28	2.00	pCi/L
Gross alpha	6-49-55A	8.43	pCi/L
Gross alpha	6-49-57A	16.75	pCi/L
Gross alpha	6-49-79	2.00	pCi/L
Gross alpha	6-50-30	2.00	pCi/L
Gross alpha	6-50-42	2.00	pCi/L
Gross alpha	6-50-48B	2.00	pCi/L
Gross alpha	6-50-53A	5.94	pCi/L
Gross alpha	6-50-85	2.00	pCi/L
Gross alpha	6-51-75	2.00	pCi/L
Gross alpha	6-52-19	2.00	pCi/L
Gross alpha	6-52-54	23.38	pCi/L
Gross alpha	6-52-57	2.00	pCi/L
Gross alpha	6-53-103	2.00	pCi/L
Gross alpha	6-53-47A	2.00	pCi/L
Gross alpha	6-53-47B	2.00	pCi/L
Gross alpha	6-53-48A	2.00	pCi/L
Gross alpha	6-53-48B	2.00	pCi/L
Gross alpha	6-53-55A	2.00	pCi/L
Gross alpha	6-54-34	2.00	pCi/L
Gross alpha	6-54-45A	2.00	pCi/L
Gross alpha	6-54-48	2.00	pCi/L
Gross alpha	6-54-49	2.00	pCi/L
Gross alpha	6-55-50C	2.00	pCi/L
Gross alpha	6-55-50D	2.00	pCi/L
Gross alpha	6-55-55	2.00	pCi/L
Gross alpha	6-55-57	17.14	pCi/L

Constituent	Well	Average	Units
Gross alpha	6-55-76	2.00	pCi/L
Gross alpha	6-56-43	2.00	pCi/L
Gross alpha	6-57-29A	2.00	pCi/L
Gross alpha	6-59-58	2.00	pCi/L
Gross alpha	6-61-37	2.00	pCi/L
Gross alpha	6-61-41	2.00	pCi/L
Gross alpha	6-63-25A	2.00	pCi/L
Gross alpha	6-63-58	2.00	pCi/L
Gross alpha	6-63-90	2.00	pCi/L
Gross alpha	6-65-72	2.00	pCi/L
Gross alpha	6-65-83	2.00	pCi/L
Gross alpha	6-66-103	2.00	pCi/L
Gross alpha	6-67-86	2.00	pCi/L
Gross alpha	6-67-98	2.00	pCi/L
Gross alpha	6-69-38	2.00	pCi/L
Gross beta	1-B4-2	54.64	pCi/L
Gross beta	1-B4-3	49.84	pCi/L
Gross beta	1-B4-4	64.30	pCi/L
Gross beta	1-B5-1	18.68	pCi/L
Gross beta	1-B9-1	17.60	pCi/L
Gross beta	2-E13-14	100.20	pCi/L
Gross beta	2-E13-19	4.00	pCi/L
Gross beta	2-E13-5	9.52	pCi/L
Gross beta	2-E13-8	4.00	pCi/L
Gross beta	2-E16-2	11.09	pCi/L
Gross beta	2-E17-1	25.53	pCi/L
Gross beta	2-E17-12	54.25	pCi/L
Gross beta	2-E17-13	73.28	pCi/L
Gross beta	2-E17-14	348.97	pCi/L
Gross beta	2-E17-15	809.22	pCi/L
Gross beta	2-E17-16	57.56	pCi/L
Gross beta	2-E17-17	88.83	pCi/L
Gross beta	2-E17-18	19.36	pCi/L
Gross beta	2-E17-19	181.44	pCi/L
Gross beta	2-E17-2	91.12	pCi/L
Gross beta	2-E17-20	40.77	pCi/L
Gross beta	2-E17-5	343.77	pCi/L
Gross beta	2-E17-6	33.22	pCi/L
Gross beta	2-E17-8	32.08	pCi/L
Gross beta	2-E17-9	25.89	pCi/L
Gross beta	2-E18-1	4.00	pCi/L
Gross beta	2-E18-2	4.00	pCi/L
Gross beta	2-E18-3	4.00	pCi/L

Constituent	Well	Average	Units
Gross beta	2-E18-4	4.00	pCi/L
Gross beta	2-E23-1	25.80	pCi/L
Gross beta	2-E24-1	44.64	pCi/L
Gross beta	2-E24-11	23.77	pCi/L
Gross beta	2-E24-12	261.40	pCi/L
Gross beta	2-E24-13	4.00	pCi/L
Gross beta	2-E24-16	38.17	pCi/L
Gross beta	2-E24-17	32.50	pCi/L
Gross beta	2-E24-18	28.35	pCi/L
Gross beta	2-E24-19	12.13	pCi/L
Gross beta	2-E24-2	24.11	pCi/L
Gross beta	2-E24-20	4.00	pCi/L
Gross beta	2-E24-4	4.00	pCi/L
Gross beta	2-E24-7	4.00	pCi/L
Gross beta	2-E24-8	18.01	pCi/L
Gross beta	2-E25-10	4.00	pCi/L
Gross beta	2-E25-11	11.23	pCi/L
Gross beta	2-E25-13	9.81	pCi/L
Gross beta	2-E25-17	9.60	pCi/L
Gross beta	2-E25-18	4.00	pCi/L
Gross beta	2-E25-19	29.73	pCi/L
Gross beta	2-E25-2	4.00	pCi/L
Gross beta	2-E25-20	12.85	pCi/L
Gross beta	2-E25-21	4.00	pCi/L
Gross beta	2-E25-22	4.00	pCi/L
Gross beta	2-E25-23	10.08	pCi/L
Gross beta	2-E25-24	10.85	pCi/L
Gross beta	2-E25-25	4.00	pCi/L
Gross beta	2-E25-26	4.00	pCi/L
Gross beta	2-E25-27	4.00	pCi/L
Gross beta	2-E25-28	4.00	pCi/L
Gross beta	2-E25-29P	4.00	pCi/L
Gross beta	2-E25-3	4.00	pCi/L
Gross beta	2-E25-30P	4.00	pCi/L
Gross beta	2-E25-31	4.00	pCi/L
Gross beta	2-E25-32P	4.00	pCi/L
Gross beta	2-E25-33	4.00	pCi/L
Gross beta	2-E25-34	4.00	pCi/L
Gross beta	2-E25-35	4.00	pCi/L
Gross beta	2-E25-36	4.00	pCi/L
Gross beta	2-E25-37	4.00	pCi/L
Gross beta	2-E25-38	4.00	pCi/L
Gross beta	2-E25-39	4.00	pCi/L
Gross beta	2-E25-40	9.03	pCi/L
Gross beta	2-E25-41	4.00	pCi/L

Constituent	Well	Average	Units
Gross beta	2-E25-42	4.00	pCi/L
Gross beta	2-E25-43	4.00	pCi/L
Gross beta	2-E25-6	4.00	pCi/L
Gross beta	2-E25-9	4.00	pCi/L
Gross beta	2-E26-10	4.00	pCi/L
Gross beta	2-E26-11	4.00	pCi/L
Gross beta	2-E26-12	4.00	pCi/L
Gross beta	2-E26-13	4.00	pCi/L
Gross beta	2-E26-2	4.00	pCi/L
Gross beta	2-E26-4	4.00	pCi/L
Gross beta	2-E26-6	4.00	pCi/L
Gross beta	2-E26-9	4.00	pCi/L
Gross beta	2-E27-10	4.00	pCi/L
Gross beta	2-E27-11	4.00	pCi/L
Gross beta	2-E27-12	4.00	pCi/L
Gross beta	2-E27-13	17.06	pCi/L
Gross beta	2-E27-14	52.48	pCi/L
Gross beta	2-E27-15	9.40	pCi/L
Gross beta	2-E27-16	4.00	pCi/L
Gross beta	2-E27-5	12.22	pCi/L
Gross beta	2-E27-7	4.00	pCi/L
Gross beta	2-E27-8	4.00	pCi/L
Gross beta	2-E27-9	4.00	pCi/L
Gross beta	2-E28-11	4.00	pCi/L
Gross beta	2-E28-12	18.73	pCi/L
Gross beta	2-E28-13	4.00	pCi/L
Gross beta	2-E28-15	4.00	pCi/L
Gross beta	2-E28-16	4.00	pCi/L
Gross beta	2-E28-17	12.75	pCi/L
Gross beta	2-E28-18	14.49	pCi/L
Gross beta	2-E28-19	10.34	pCi/L
Gross beta	2-E28-21	13.65	pCi/L
Gross beta	2-E28-23	11229.00	pCi/L
Gross beta	2-E28-24	315.50	pCi/L
Gross beta	2-E28-25	9333.33	pCi/L
Gross beta	2-E28-26	10.87	pCi/L
Gross beta	2-E28-27	19.98	pCi/L
Gross beta	2-E28-28	9.67	pCi/L
Gross beta	2-E28-7	148.00	pCi/L
Gross beta	2-E28-9	22.43	pCi/L
Gross beta	2-E32-1	19.40	pCi/L
Gross beta	2-E32-2	24.79	pCi/L
Gross beta	2-E32-3	17.39	pCi/L
Gross beta	2-E32-4	4.00	pCi/L
Gross beta	2-E32-5	13.97	pCi/L

Constituent	Well	Average	Units
Gross beta	2-E33-1	168.49	pCi/L
Gross beta	2-E33-13	480.00	pCi/L
Gross beta	2-E33-14	39.60	pCi/L
Gross beta	2-E33-15	13.80	pCi/L
Gross beta	2-E33-18	31.62	pCi/L
Gross beta	2-E33-20	13.38	pCi/L
Gross beta	2-E33-21	16.33	pCi/L
Gross beta	2-E33-24	175.88	pCi/L
Gross beta	2-E33-26	287.75	pCi/L
Gross beta	2-E33-28	15.93	pCi/L
Gross beta	2-E33-29	16.02	pCi/L
Gross beta	2-E33-3	204.09	pCi/L
Gross beta	2-E33-30	17.82	pCi/L
Gross beta	2-E33-31	102.70	pCi/L
Gross beta	2-E33-32	23.48	pCi/L
Gross beta	2-E33-33	4.00	pCi/L
Gross beta	2-E33-34	234.80	pCi/L
Gross beta	2-E33-35	94.35	pCi/L
Gross beta	2-E33-36	4.00	pCi/L
Gross beta	2-E33-37	4.00	pCi/L
Gross beta	2-E33-38	311.67	pCi/L
Gross beta	2-E33-39	28.60	pCi/L
Gross beta	2-E33-4	362.00	pCi/L
Gross beta	2-E33-41	78.90	pCi/L
Gross beta	2-E33-42	75.30	pCi/L
Gross beta	2-E33-43	4.00	pCi/L
Gross beta	2-E33-5	309.00	pCi/L
Gross beta	2-E33-7	475.36	pCi/L
Gross beta	2-E33-8	71.08	pCi/L
Gross beta	2-E33-9	117.36	pCi/L
Gross beta	2-E34-1	4.00	pCi/L
Gross beta	2-E34-2	8.74	pCi/L
Gross beta	2-E34-3	9.44	pCi/L
Gross beta	2-E34-5	8.01	pCi/L
Gross beta	2-E34-6	9.29	pCi/L
Gross beta	2-E34-7	4.00	pCi/L
Gross beta	2-E34-8	4.00	pCi/L
Gross beta	2-E35-1	4.00	pCi/L
Gross beta	2-E35-2	4.00	pCi/L
Gross beta	2-W10-1	41.80	pCi/L
Gross beta	2-W10-13	4.00	pCi/L
Gross beta	2-W10-14	4.00	pCi/L
Gross beta	2-W10-15	55.63	pCi/L
Gross beta	2-W10-16	19.57	pCi/L
Gross beta	2-W10-17	29.14	pCi/L

Constituent	Well	Average	Units
Gross beta	2-W10-18	11.35	pCi/L
Gross beta	2-W10-3	90.33	pCi/L
Gross beta	2-W10-4	67.00	pCi/L
Gross beta	2-W10-8	8.86	pCi/L
Gross beta	2-W10-9	47.72	pCi/L
Gross beta	2-W11-11	53.80	pCi/L
Gross beta	2-W11-14	125.53	pCi/L
Gross beta	2-W11-15	18.75	pCi/L
Gross beta	2-W11-18	67.40	pCi/L
Gross beta	2-W11-23	9.21	pCi/L
Gross beta	2-W11-24	4.00	pCi/L
Gross beta	2-W11-7	50.28	pCi/L
Gross beta	2-W14-10	12.09	pCi/L
Gross beta	2-W14-2	80.97	pCi/L
Gross beta	2-W14-5	32.75	pCi/L
Gross beta	2-W14-6	17.19	pCi/L
Gross beta	2-W15-10	13.35	pCi/L
Gross beta	2-W15-11	15.65	pCi/L
Gross beta	2-W15-15	4.00	pCi/L
Gross beta	2-W15-16	4.00	pCi/L
Gross beta	2-W15-17	4.00	pCi/L
Gross beta	2-W15-18	4.00	pCi/L
Gross beta	2-W15-19	9.62	pCi/L
Gross beta	2-W15-2	4.00	pCi/L
Gross beta	2-W15-20	4.00	pCi/L
Gross beta	2-W15-22	31.93	pCi/L
Gross beta	2-W15-23	4.00	pCi/L
Gross beta	2-W15-24	4.00	pCi/L
Gross beta	2-W15-3	96.75	pCi/L
Gross beta	2-W15-4	9.34	pCi/L
Gross beta	2-W15-6	4.00	pCi/L
Gross beta	2-W15-7	16.37	pCi/L
Gross beta	2-W15-8	79.22	pCi/L
Gross beta	2-W18-15	12.02	pCi/L
Gross beta	2-W18-17	4.00	pCi/L
Gross beta	2-W18-2	4.00	pCi/L
Gross beta	2-W18-20	4.00	pCi/L
Gross beta	2-W18-21	4.00	pCi/L
Gross beta	2-W18-22	4.00	pCi/L
Gross beta	2-W18-23	4.00	pCi/L
Gross beta	2-W18-24	4.00	pCi/L
Gross beta	2-W18-25	4.00	pCi/L
Gross beta	2-W18-26	4.00	pCi/L
Gross beta	2-W18-5	4.00	pCi/L
Gross beta	2-W18-7	4.00	pCi/L

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Constituent	Well	Average	Units
Gross beta	2-W18-9	4.00	pCi/L
Gross beta	2-W19-1	10.58	pCi/L
Gross beta	2-W19-11	2154.50	pCi/L
Gross beta	2-W19-12	261.33	pCi/L
Gross beta	2-W19-13	15.82	pCi/L
Gross beta	2-W19-14	8.98	pCi/L
Gross beta	2-W19-15	201.48	pCi/L
Gross beta	2-W19-16	758.67	pCi/L
Gross beta	2-W19-17	50.25	pCi/L
Gross beta	2-W19-18	3078.07	pCi/L
Gross beta	2-W19-19	1057.05	pCi/L
Gross beta	2-W19-2	120.90	pCi/L
Gross beta	2-W19-20	1684.38	pCi/L
Gross beta	2-W19-21	4.00	pCi/L
Gross beta	2-W19-23	291.03	pCi/L
Gross beta	2-W19-24	2526.32	pCi/L
Gross beta	2-W19-25	3271.88	pCi/L
Gross beta	2-W19-26	564.27	pCi/L
Gross beta	2-W19-27	4.00	pCi/L
Gross beta	2-W19-28	900.00	pCi/L
Gross beta	2-W19-29	1940.00	pCi/L
Gross beta	2-W19-3	1627.78	pCi/L
Gross beta	2-W19-30	157.00	pCi/L
Gross beta	2-W19-31	41.91	pCi/L
Gross beta	2-W19-32	107.37	pCi/L
Gross beta	2-W19-5	22.60	pCi/L
Gross beta	2-W19-9	669.71	pCi/L
Gross beta	2-W22-1	29.15	pCi/L
Gross beta	2-W22-10	48.22	pCi/L
Gross beta	2-W22-12	4.00	pCi/L
Gross beta	2-W22-18	14.40	pCi/L
Gross beta	2-W22-2	22.42	pCi/L
Gross beta	2-W22-20	28.32	pCi/L
Gross beta	2-W22-21	155.00	pCi/L
Gross beta	2-W22-22	4.00	pCi/L
Gross beta	2-W22-26	21.05	pCi/L
Gross beta	2-W22-39	104.75	pCi/L
Gross beta	2-W22-40	4.00	pCi/L
Gross beta	2-W22-41	27.38	pCi/L
Gross beta	2-W22-42	28.40	pCi/L
Gross beta	2-W23-1	84.37	pCi/L
Gross beta	2-W23-10	17.98	pCi/L
Gross beta	2-W23-11	4.00	pCi/L
Gross beta	2-W23-13	4.00	pCi/L
Gross beta	2-W23-14	4.00	pCi/L

Constituent	Well	Average	Units
Gross beta	2-W23-2	541.41	pCi/L
Gross beta	2-W23-3	82.45	pCi/L
Gross beta	2-W23-4	43.25	pCi/L
Gross beta	2-W23-7	394.88	pCi/L
Gross beta	2-W23-8	4.00	pCi/L
Gross beta	2-W23-9	18.01	pCi/L
Gross beta	2-W26-10	4.00	pCi/L
Gross beta	2-W26-12	4.00	pCi/L
Gross beta	2-W26-3	4.00	pCi/L
Gross beta	2-W26-6	4.00	pCi/L
Gross beta	2-W26-7	4.00	pCi/L
Gross beta	2-W26-8	8.48	pCi/L
Gross beta	2-W26-9	4.00	pCi/L
Gross beta	2-W27-1	4.00	pCi/L
Gross beta	2-W6-2	10.94	pCi/L
Gross beta	2-W6-4	16.05	pCi/L
Gross beta	2-W6-5	41.30	pCi/L
Gross beta	2-W6-6	4.00	pCi/L
Gross beta	2-W6-7	29.35	pCi/L
Gross beta	2-W6-8	4.00	pCi/L
Gross beta	2-W7-1	4.00	pCi/L
Gross beta	2-W7-10	4.00	pCi/L
Gross beta	2-W7-11	4.00	pCi/L
Gross beta	2-W7-12	4.00	pCi/L
Gross beta	2-W7-2	4.00	pCi/L
Gross beta	2-W7-3	4.00	pCi/L
Gross beta	2-W7-4	11.28	pCi/L
Gross beta	2-W7-5	8.35	pCi/L
Gross beta	2-W7-6	22.02	pCi/L
Gross beta	2-W7-7	4.00	pCi/L
Gross beta	2-W7-8	4.00	pCi/L
Gross beta	2-W7-9	4.00	pCi/L
Gross beta	2-W8-1	4.00	pCi/L
Gross beta	2-W9-1	4.00	pCi/L
Gross beta	6-20-20	28.00	pCi/L
Gross beta	6-20-39	4.00	pCi/L
Gross beta	6-23-34	17.23	pCi/L
Gross beta	6-24-33	18.01	pCi/L
Gross beta	6-24-34A	18.45	pCi/L
Gross beta	6-24-34B	19.34	pCi/L
Gross beta	6-24-34C	18.48	pCi/L
Gross beta	6-24-35	17.24	pCi/L
Gross beta	6-24-46	4.00	pCi/L
Gross beta	6-25-33A	8.16	pCi/L
Gross beta	6-25-34A	21.75	pCi/L

Constituent	Well	Average	Units
Gross beta	6-25-34B	19.72	pCi/L
Gross beta	6-25-34C	20.68	pCi/L
Gross beta	6-25-55	4.00	pCi/L
Gross beta	6-25-70	4.00	pCi/L
Gross beta	6-26-33	21.33	pCi/L
Gross beta	6-26-34	23.69	pCi/L
Gross beta	6-26-35A	19.08	pCi/L
Gross beta	6-26-35C	21.05	pCi/L
Gross beta	6-28-40	12.83	pCi/L
Gross beta	6-28-40P	4.00	pCi/L
Gross beta	6-28-52A	8.41	pCi/L
Gross beta	6-29-78	4.00	pCi/L
Gross beta	6-31-31	9.31	pCi/L
Gross beta	6-31-31P	4.00	pCi/L
Gross beta	6-32-22	34.83	pCi/L
Gross beta	6-32-43	15.03	pCi/L
Gross beta	6-32-62	4.00	pCi/L
Gross beta	6-32-70B	33.58	pCi/L
Gross beta	6-32-72	12.04	pCi/L
Gross beta	6-32-77	4.00	pCi/L
Gross beta	6-33-42	24.80	pCi/L
Gross beta	6-33-56	4.00	pCi/L
Gross beta	6-34-39A	4.00	pCi/L
Gross beta	6-34-42	11.72	pCi/L
Gross beta	6-34-51	4.00	pCi/L
Gross beta	6-35-66	10.28	pCi/L
Gross beta	6-35-70	18.72	pCi/L
Gross beta	6-35-78A	4.00	pCi/L
Gross beta	6-36-46P	11.80	pCi/L
Gross beta	6-36-46Q	8.93	pCi/L
Gross beta	6-36-46R	10.45	pCi/L
Gross beta	6-36-61A	4.00	pCi/L
Gross beta	6-36-61B	4.00	pCi/L
Gross beta	6-36-93	4.00	pCi/L
Gross beta	6-37-82A	4.00	pCi/L
Gross beta	6-38-65	16.15	pCi/L
Gross beta	6-38-70	340.20	pCi/L
Gross beta	6-39-39	4.00	pCi/L
Gross beta	6-39-79	4.00	pCi/L
Gross beta	6-40-33A	4.00	pCi/L
Gross beta	6-40-40A	4.00	pCi/L
Gross beta	6-40-40B	4.00	pCi/L
Gross beta	6-40-62	4.00	pCi/L
Gross beta	6-41-23	13.45	pCi/L
Gross beta	6-42-39A	4.00	pCi/L

Constituent	Well	Average	Units
Gross beta	6-42-39B	4.00	pCi/L
Gross beta	6-42-40A	4.00	pCi/L
Gross beta	6-42-40B	10.88	pCi/L
Gross beta	6-42-41	4.00	pCi/L
Gross beta	6-42-42B	4.00	pCi/L
Gross beta	6-43-40	4.00	pCi/L
Gross beta	6-43-41E	4.00	pCi/L
Gross beta	6-43-41F	4.00	pCi/L
Gross beta	6-43-41G	4.00	pCi/L
Gross beta	6-43-42J	4.00	pCi/L
Gross beta	6-43-43	4.00	pCi/L
Gross beta	6-43-45	4.00	pCi/L
Gross beta	6-43-88	4.00	pCi/L
Gross beta	6-44-42	4.00	pCi/L
Gross beta	6-44-43B	4.00	pCi/L
Gross beta	6-44-64	19.88	pCi/L
Gross beta	6-45-42	4.00	pCi/L
Gross beta	6-45-69A	4.00	pCi/L
Gross beta	6-46-21B	4.00	pCi/L
Gross beta	6-47-35A	4.00	pCi/L
Gross beta	6-47-46A	9.28	pCi/L
Gross beta	6-47-60	4.00	pCi/L
Gross beta	6-48-18	4.00	pCi/L
Gross beta	6-48-50	11.75	pCi/L
Gross beta	6-48-71	4.00	pCi/L
Gross beta	6-49-100C	4.00	pCi/L
Gross beta	6-49-28	4.00	pCi/L
Gross beta	6-49-55A	796.13	pCi/L
Gross beta	6-49-57A	357.50	pCi/L
Gross beta	6-49-79	4.00	pCi/L
Gross beta	6-50-30	4.00	pCi/L
Gross beta	6-50-42	4.00	pCi/L
Gross beta	6-50-48B	12.00	pCi/L
Gross beta	6-50-53A	3068.26	pCi/L
Gross beta	6-50-85	4.00	pCi/L
Gross beta	6-51-63	10.20	pCi/L
Gross beta	6-51-75	4.00	pCi/L
Gross beta	6-52-19	4.00	pCi/L
Gross beta	6-52-54	430.00	pCi/L
Gross beta	6-52-57	21.88	pCi/L
Gross beta	6-53-103	4.00	pCi/L
Gross beta	6-53-47A	114.32	pCi/L
Gross beta	6-53-47B	197.00	pCi/L
Gross beta	6-53-48A	111.15	pCi/L
Gross beta	6-53-48B	557.50	pCi/L

Constituent	Well	Average	Units
Gross beta	6-53-55A	17.62	pCi/L
Gross beta	6-54-34	4.00	pCi/L
Gross beta	6-54-45A	4.00	pCi/L
Gross beta	6-54-48	87.91	pCi/L
Gross beta	6-54-49	48.48	pCi/L
Gross beta	6-55-50A	34.68	pCi/L
Gross beta	6-55-50C	4.00	pCi/L
Gross beta	6-55-50D	12.29	pCi/L
Gross beta	6-55-55	33.80	pCi/L
Gross beta	6-55-57	972.00	pCi/L
Gross beta	6-55-70	4.00	pCi/L
Gross beta	6-55-76	4.00	pCi/L
Gross beta	6-55-89	4.00	pCi/L
Gross beta	6-56-43	4.00	pCi/L
Gross beta	6-57-29A	4.00	pCi/L
Gross beta	6-59-58	4.00	pCi/L
Gross beta	6-60-57	4.00	pCi/L
Gross beta	6-60-60	44.95	pCi/L
Gross beta	6-61-37	4.00	pCi/L
Gross beta	6-61-41	8.14	pCi/L
Gross beta	6-61-62	96.20	pCi/L
Gross beta	6-61-66	4.00	pCi/L
Gross beta	6-63-25A	4.00	pCi/L
Gross beta	6-63-55	16.68	pCi/L
Gross beta	6-63-58	41.10	pCi/L
Gross beta	6-63-90	4.00	pCi/L
Gross beta	6-64-62	91.96	pCi/L
Gross beta	6-65-50	8.32	pCi/L
Gross beta	6-65-59A	16.57	pCi/L
Gross beta	6-65-72	22.99	pCi/L
Gross beta	6-65-83	9.86	pCi/L
Gross beta	6-66-103	4.00	pCi/L
Gross beta	6-66-58	10.25	pCi/L
Gross beta	6-66-64	64.23	pCi/L
Gross beta	6-67-86	4.00	pCi/L
Gross beta	6-67-98	4.00	pCi/L
Gross beta	6-69-38	16.82	pCi/L
Iodine-129 (Drinking Water Standard)	1-B4-4	.50	pCi/L
Iodine-129 (Drinking Water Standard)	1-B5-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	1-B9-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E13-14	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E13-19	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E13-8	.50	pCi/L

Constituent	Well	Average	Units
Iodine-129 (Drinking Water Standard)	2-E16-2	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-1	14.71	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-12	4.77	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-13	3.19	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-14	16.75	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-16	8.98	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-17	7.21	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-18	5.68	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-2	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-5	6.22	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-6	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-8	5.98	pCi/L
Iodine-129 (Drinking Water Standard)	2-E17-9	14.20	pCi/L
Iodine-129 (Drinking Water Standard)	2-E23-1	3.63	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-1	26.60	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-12	1.91	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-13	4.07	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-17	11.90	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-18	5.21	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-19	6.06	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-20	6.06	pCi/L
Iodine-129 (Drinking Water Standard)	2-E24-7	1.42	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-11	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-17	2.52	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-18	2.53	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-19	1.20	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-20	2.04	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-21	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-22	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-23	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-24	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-25	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-26	1.57	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-28	2.79	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-29P	3.46	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-3	1.24	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-30P	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-31	5.10	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-32P	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-33	2.72	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-40	7.81	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-41	5.99	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-6	4.53	pCi/L
Iodine-129 (Drinking Water Standard)	2-E25-9	2.64	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-1	.50	pCi/L

Constituent	Well	Average	Units
Iodine-129 (Drinking Water Standard)	2-E26-10	2.31	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-11	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-2	1.11	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-3	1.23	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-4	1.27	pCi/L
Iodine-129 (Drinking Water Standard)	2-E26-9	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-1	1.41	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-12	3.05	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-13	6.04	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-14	6.51	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-15	3.51	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-5	2.02	pCi/L
Iodine-129 (Drinking Water Standard)	2-E27-7	3.89	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-1	2.55	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-12	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-13	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-18	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-21	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-23	2.49	pCi/L
Iodine-129 (Drinking Water Standard)	2-E28-7	1.04	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-18	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-20	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-21	1.38	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-24	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-3	2.39	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-31	5.36	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-32	6.27	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-33	1.25	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-41	4.09	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-42	5.43	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-43	7.47	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-5	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-7	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E33-8	1.48	pCi/L
Iodine-129 (Drinking Water Standard)	2-E34-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-E35-2	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-15	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-16	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-17	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-18	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-3	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-4	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-5	.50	pCi/L

Constituent	Well	Average	Units
Iodine-129 (Drinking Water Standard)	2-W10-8	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W10-9	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W11-14	2.24	pCi/L
Iodine-129 (Drinking Water Standard)	2-W11-3	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W12-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W14-10	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W14-5	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W14-6	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-10	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-11	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-2	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-22	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-4	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-6	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W15-7	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W18-20	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W18-25	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W18-3	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W18-5	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-15	1.99	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-16	3.41	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-18	5.13	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-19	1.77	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-2	7.10	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-20	2.33	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-21	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-23	1.29	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-24	1.75	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-25	2.22	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-27	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-28	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-29	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-3	10.54	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-30	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-31	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-32	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W19-9	1.54	pCi/L
Iodine-129 (Drinking Water Standard)	2-W21-1	3.37	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-10	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-12	3.87	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-20	1.15	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-22	2.11	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-26	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-39	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W22-7	1.63	pCi/L

Constituent	Well	Average	Units
Iodine-129 (Drinking Water Standard)	2-W22-9	23.90	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-10	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-13	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-14	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-4	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W23-9	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W27-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	2-W6-1	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-20-20	1.18	pCi/L
Iodine-129 (Drinking Water Standard)	6-24-33	1.73	pCi/L
Iodine-129 (Drinking Water Standard)	6-24-46	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-25-55	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-25-70	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-28-40	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-29-78	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-31-31	5.76	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-22	4.18	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-43	3.04	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-62	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-70B	2.56	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-72	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-32-77	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-33-42	4.90	pCi/L
Iodine-129 (Drinking Water Standard)	6-33-56	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-34-42	6.13	pCi/L
Iodine-129 (Drinking Water Standard)	6-34-51	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-35-66	5.26	pCi/L
Iodine-129 (Drinking Water Standard)	6-35-70	30.06	pCi/L
Iodine-129 (Drinking Water Standard)	6-36-61B	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-38-65	1.81	pCi/L
Iodine-129 (Drinking Water Standard)	6-38-70	1.54	pCi/L
Iodine-129 (Drinking Water Standard)	6-39-39	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-39-79	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-40-33A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-40-62	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-41-23	5.14	pCi/L
Iodine-129 (Drinking Water Standard)	6-44-64	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-45-69A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-46-21B	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-47-35A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-47-46A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-47-60	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-48-18	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-48-71	.50	pCi/L

Constituent	Well	Average	Units
Iodine-129 (Drinking Water Standard)	6-49-100C	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-49-28	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-49-55A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-49-57A	3.92	pCi/L
Iodine-129 (Drinking Water Standard)	6-49-79	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-50-42	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-50-48B	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-50-53A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-50-85	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-51-63	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-51-75	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-52-19	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-53-103	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-53-47A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-53-55A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-55-50A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-55-50C	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-55-50D	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-56-43	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-59-58	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-60-57	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-60-60	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-61-62	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-61-66	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-63-58	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-64-62	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-65-50	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-65-59A	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-65-72	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-65-83	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-66-58	.50	pCi/L
Iodine-129 (Drinking Water Standard)	6-66-64	.50	pCi/L
Nitrate	1-B4-2	13.60	ppm
Nitrate	1-B4-3	12.72	ppm
Nitrate	1-B4-4	14.67	ppm
Nitrate	1-B5-1	12.34	ppm
Nitrate	1-B9-1	23.47	ppm
Nitrate	2-E13-14	14.78	ppm
Nitrate	2-E13-19	10.87	ppm
Nitrate	2-E13-5	12.55	ppm
Nitrate	2-E13-8	17.95	ppm
Nitrate	2-E16-2	2.40	ppm
Nitrate	2-E17-1	190.20	ppm

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Constituent	Well	Average	Units
Nitrate	2-E17-12	43.30	ppm
Nitrate	2-E17-13	51.81	ppm
Nitrate	2-E17-14	201.18	ppm
Nitrate	2-E17-15	240.23	ppm
Nitrate	2-E17-16	46.56	ppm
Nitrate	2-E17-17	63.21	ppm
Nitrate	2-E17-18	16.92	ppm
Nitrate	2-E17-19	125.03	ppm
Nitrate	2-E17-2	83.30	ppm
Nitrate	2-E17-20	194.43	ppm
Nitrate	2-E17-5	125.69	ppm
Nitrate	2-E17-6	24.24	ppm
Nitrate	2-E17-8	122.44	ppm
Nitrate	2-E17-9	121.63	ppm
Nitrate	2-E18-1	11.44	ppm
Nitrate	2-E18-2	.25	ppm
Nitrate	2-E18-3	.59	ppm
Nitrate	2-E18-4	.53	ppm
Nitrate	2-E23-1	23.30	ppm
Nitrate	2-E24-1	154.51	ppm
Nitrate	2-E24-11	123.57	ppm
Nitrate	2-E24-12	111.68	ppm
Nitrate	2-E24-13	2.86	ppm
Nitrate	2-E24-16	105.40	ppm
Nitrate	2-E24-17	91.14	ppm
Nitrate	2-E24-18	50.78	ppm
Nitrate	2-E24-19	3.93	ppm
Nitrate	2-E24-2	98.03	ppm
Nitrate	2-E24-20	49.10	ppm
Nitrate	2-E24-4	2.30	ppm
Nitrate	2-E24-7	32.54	ppm
Nitrate	2-E24-8	33.20	ppm
Nitrate	2-E25-11	32.05	ppm
Nitrate	2-E25-13	142.40	ppm
Nitrate	2-E25-17	22.06	ppm
Nitrate	2-E25-18	48.54	ppm
Nitrate	2-E25-19	121.00	ppm
Nitrate	2-E25-2	2.02	ppm
Nitrate	2-E25-20	147.92	ppm
Nitrate	2-E25-21	4.41	ppm
Nitrate	2-E25-22	4.30	ppm
Nitrate	2-E25-23	1.99	ppm
Nitrate	2-E25-24	1.96	ppm
Nitrate	2-E25-25	.77	ppm
Nitrate	2-E25-26	1.36	ppm

Constituent	Well	Average	Units
Nitrate	2-E25-27	2.44	ppm
Nitrate	2-E25-28	1.20	ppm
Nitrate	2-E25-29P	8.43	ppm
Nitrate	2-E25-3	1.90	ppm
Nitrate	2-E25-30P	4.36	ppm
Nitrate	2-E25-31	8.25	ppm
Nitrate	2-E25-32P	.91	ppm
Nitrate	2-E25-33	10.06	ppm
Nitrate	2-E25-34	1.40	ppm
Nitrate	2-E25-35	5.67	ppm
Nitrate	2-E25-36	10.23	ppm
Nitrate	2-E25-37	2.06	ppm
Nitrate	2-E25-38	3.01	ppm
Nitrate	2-E25-39	1.42	ppm
Nitrate	2-E25-40	3.97	ppm
Nitrate	2-E25-41	3.97	ppm
Nitrate	2-E25-42	4.77	ppm
Nitrate	2-E25-43	1.51	ppm
Nitrate	2-E25-6	2.36	ppm
Nitrate	2-E25-9	2.21	ppm
Nitrate	2-E26-1	2.00	ppm
Nitrate	2-E26-10	6.55	ppm
Nitrate	2-E26-11	5.60	ppm
Nitrate	2-E26-12	1.93	ppm
Nitrate	2-E26-13	1.15	ppm
Nitrate	2-E26-2	2.35	ppm
Nitrate	2-E26-3	2.50	ppm
Nitrate	2-E26-4	2.14	ppm
Nitrate	2-E26-5	1.49	ppm
Nitrate	2-E26-6	4.52	ppm
Nitrate	2-E26-9	1.66	ppm
Nitrate	2-E27-1	2.96	ppm
Nitrate	2-E27-10	4.25	ppm
Nitrate	2-E27-11	7.66	ppm
Nitrate	2-E27-12	2.84	ppm
Nitrate	2-E27-13	2.48	ppm
Nitrate	2-E27-14	8.27	ppm
Nitrate	2-E27-15	2.92	ppm
Nitrate	2-E27-16	2.33	ppm
Nitrate	2-E27-5	5.53	ppm
Nitrate	2-E27-7	2.98	ppm
Nitrate	2-E27-8	6.70	ppm
Nitrate	2-E27-9	7.84	ppm
Nitrate	2-E28-1	4.82	ppm
Nitrate	2-E28-12	138.05	ppm

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Constituent	Well	Average	Units
Nitrate	2-E28-13	41.58	ppm
Nitrate	2-E28-16	26.00	ppm
Nitrate	2-E28-17	27.50	ppm
Nitrate	2-E28-18	37.41	ppm
Nitrate	2-E28-19	34.00	ppm
Nitrate	2-E28-21	37.76	ppm
Nitrate	2-E28-23	8.85	ppm
Nitrate	2-E28-24	.25	ppm
Nitrate	2-E28-25	7.90	ppm
Nitrate	2-E28-26	43.38	ppm
Nitrate	2-E28-27	25.36	ppm
Nitrate	2-E28-28	31.54	ppm
Nitrate	2-E28-5	3.60	ppm
Nitrate	2-E28-7	6.88	ppm
Nitrate	2-E28-9	18.11	ppm
Nitrate	2-E32-1	9.93	ppm
Nitrate	2-E32-2	16.32	ppm
Nitrate	2-E32-3	46.98	ppm
Nitrate	2-E32-4	26.08	ppm
Nitrate	2-E32-5	52.76	ppm
Nitrate	2-E33-1	27.18	ppm
Nitrate	2-E33-13	.25	ppm
Nitrate	2-E33-14	4.46	ppm
Nitrate	2-E33-15	.25	ppm
Nitrate	2-E33-18	6.43	ppm
Nitrate	2-E33-20	3.38	ppm
Nitrate	2-E33-21	3.18	ppm
Nitrate	2-E33-24	4.58	ppm
Nitrate	2-E33-26	8.04	ppm
Nitrate	2-E33-28	2.84	ppm
Nitrate	2-E33-29	5.63	ppm
Nitrate	2-E33-3	24.49	ppm
Nitrate	2-E33-30	5.10	ppm
Nitrate	2-E33-31	9.63	ppm
Nitrate	2-E33-32	8.33	ppm
Nitrate	2-E33-33	3.34	ppm
Nitrate	2-E33-34	24.97	ppm
Nitrate	2-E33-35	7.92	ppm
Nitrate	2-E33-36	3.67	ppm
Nitrate	2-E33-37	2.83	ppm
Nitrate	2-E33-38	.25	ppm
Nitrate	2-E33-39	.25	ppm
Nitrate	2-E33-4	.25	ppm
Nitrate	2-E33-41	10.87	ppm
Nitrate	2-E33-42	12.00	ppm

Constituent	Well	Average	Units
Nitrate	2-E33-43	3.93	ppm
Nitrate	2-E33-5	17.09	ppm
Nitrate	2-E33-7	41.03	ppm
Nitrate	2-E33-8	8.17	ppm
Nitrate	2-E33-9	9.60	ppm
Nitrate	2-E34-1	3.94	ppm
Nitrate	2-E34-2	9.04	ppm
Nitrate	2-E34-3	6.23	ppm
Nitrate	2-E34-5	9.42	ppm
Nitrate	2-E34-6	6.60	ppm
Nitrate	2-E34-7	8.88	ppm
Nitrate	2-E34-8	3.30	ppm
Nitrate	2-E35-1	10.20	ppm
Nitrate	2-E35-2	3.62	ppm
Nitrate	2-W10-1	335.51	ppm
Nitrate	2-W10-13	16.44	ppm
Nitrate	2-W10-14	20.57	ppm
Nitrate	2-W10-15	393.71	ppm
Nitrate	2-W10-16	175.67	ppm
Nitrate	2-W10-17	110.52	ppm
Nitrate	2-W10-18	53.01	ppm
Nitrate	2-W10-3	793.50	ppm
Nitrate	2-W10-4	174.86	ppm
Nitrate	2-W10-5	98.70	ppm
Nitrate	2-W10-8	31.27	ppm
Nitrate	2-W10-9	412.14	ppm
Nitrate	2-W11-14	94.82	ppm
Nitrate	2-W11-18	75.00	ppm
Nitrate	2-W11-23	227.78	ppm
Nitrate	2-W11-24	155.50	ppm
Nitrate	2-W11-3	84.30	ppm
Nitrate	2-W11-7	209.00	ppm
Nitrate	2-W11-9	56.40	ppm
Nitrate	2-W12-1	336.00	ppm
Nitrate	2-W14-10	56.52	ppm
Nitrate	2-W14-2	52.25	ppm
Nitrate	2-W14-5	89.83	ppm
Nitrate	2-W14-6	26.81	ppm
Nitrate	2-W15-10	64.29	ppm
Nitrate	2-W15-11	91.84	ppm
Nitrate	2-W15-12	95.40	ppm
Nitrate	2-W15-15	23.19	ppm
Nitrate	2-W15-16	69.58	ppm
Nitrate	2-W15-17	18.55	ppm
Nitrate	2-W15-18	82.23	ppm

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Constituent	Well	Average	Units
Nitrate	2-W15-19	75.56	ppm
Nitrate	2-W15-2	3.99	ppm
Nitrate	2-W15-20	8.37	ppm
Nitrate	2-W15-22	51.47	ppm
Nitrate	2-W15-23	26.88	ppm
Nitrate	2-W15-24	19.56	ppm
Nitrate	2-W15-3	114.16	ppm
Nitrate	2-W15-4	467.97	ppm
Nitrate	2-W15-6	5.60	ppm
Nitrate	2-W15-7	49.94	ppm
Nitrate	2-W15-8	166.62	ppm
Nitrate	2-W18-15	2.09	ppm
Nitrate	2-W18-17	218.05	ppm
Nitrate	2-W18-20	1.48	ppm
Nitrate	2-W18-21	2.78	ppm
Nitrate	2-W18-22	16.56	ppm
Nitrate	2-W18-23	6.06	ppm
Nitrate	2-W18-24	16.57	ppm
Nitrate	2-W18-25	1.18	ppm
Nitrate	2-W18-26	4.92	ppm
Nitrate	2-W18-3	114.00	ppm
Nitrate	2-W18-4	36.30	ppm
Nitrate	2-W18-5	247.75	ppm
Nitrate	2-W18-8	5.00	ppm
Nitrate	2-W18-9	3.24	ppm
Nitrate	2-W19-1	.68	ppm
Nitrate	2-W19-11	80.72	ppm
Nitrate	2-W19-12	11.03	ppm
Nitrate	2-W19-13	18.10	ppm
Nitrate	2-W19-14	8.84	ppm
Nitrate	2-W19-15	88.60	ppm
Nitrate	2-W19-16	46.44	ppm
Nitrate	2-W19-17	9.81	ppm
Nitrate	2-W19-18	98.35	ppm
Nitrate	2-W19-19	1321.67	ppm
Nitrate	2-W19-2	250.71	ppm
Nitrate	2-W19-20	1031.67	ppm
Nitrate	2-W19-21	1.16	ppm
Nitrate	2-W19-23	395.72	ppm
Nitrate	2-W19-24	1024.57	ppm
Nitrate	2-W19-25	805.75	ppm
Nitrate	2-W19-26	1120.00	ppm
Nitrate	2-W19-27	1.49	ppm
Nitrate	2-W19-28	322.67	ppm
Nitrate	2-W19-29	395.67	ppm

Constituent	Well	Average	Units
Nitrate	2-W19-3	41.77	ppm
Nitrate	2-W19-30	1000.00	ppm
Nitrate	2-W19-31	13.94	ppm
Nitrate	2-W19-32	6.37	ppm
Nitrate	2-W19-5	2.81	ppm
Nitrate	2-W19-9	22.71	ppm
Nitrate	2-W21-1	39.70	ppm
Nitrate	2-W22-1	6.42	ppm
Nitrate	2-W22-10	2.80	ppm
Nitrate	2-W22-12	2.09	ppm
Nitrate	2-W22-18	.25	ppm
Nitrate	2-W22-2	5.08	ppm
Nitrate	2-W22-20	90.57	ppm
Nitrate	2-W22-21	21.90	ppm
Nitrate	2-W22-22	13.88	ppm
Nitrate	2-W22-26	12.00	ppm
Nitrate	2-W22-39	14.53	ppm
Nitrate	2-W22-40	25.40	ppm
Nitrate	2-W22-41	212.50	ppm
Nitrate	2-W22-42	280.00	ppm
Nitrate	2-W22-7	2.50	ppm
Nitrate	2-W22-9	4.56	ppm
Nitrate	2-W23-1	10.45	ppm
Nitrate	2-W23-10	113.99	ppm
Nitrate	2-W23-11	2.16	ppm
Nitrate	2-W23-13	8.95	ppm
Nitrate	2-W23-14	3.72	ppm
Nitrate	2-W23-2	30.34	ppm
Nitrate	2-W23-3	13.35	ppm
Nitrate	2-W23-4	5.04	ppm
Nitrate	2-W23-8	2.50	ppm
Nitrate	2-W23-9	78.44	ppm
Nitrate	2-W26-10	2.87	ppm
Nitrate	2-W26-12	.84	ppm
Nitrate	2-W26-3	2.27	ppm
Nitrate	2-W26-6	3.27	ppm
Nitrate	2-W26-7	4.93	ppm
Nitrate	2-W26-8	1.48	ppm
Nitrate	2-W26-9	4.79	ppm
Nitrate	2-W27-1	45.42	ppm
Nitrate	2-W6-1	225.00	ppm
Nitrate	2-W6-2	62.07	ppm
Nitrate	2-W6-4	140.00	ppm
Nitrate	2-W6-5	290.00	ppm
Nitrate	2-W6-6	2.20	ppm

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Constituent	Well	Average	Units
Nitrate	2-W6-7	210.00	ppm
Nitrate	2-W6-8	4.13	ppm
Nitrate	2-W7-1	42.91	ppm
Nitrate	2-W7-10	12.28	ppm
Nitrate	2-W7-11	39.33	ppm
Nitrate	2-W7-12	21.33	ppm
Nitrate	2-W7-2	28.28	ppm
Nitrate	2-W7-3	3.81	ppm
Nitrate	2-W7-4	80.87	ppm
Nitrate	2-W7-5	47.38	ppm
Nitrate	2-W7-6	5.75	ppm
Nitrate	2-W7-7	13.91	ppm
Nitrate	2-W7-8	30.69	ppm
Nitrate	2-W7-9	25.27	ppm
Nitrate	2-W8-1	28.84	ppm
Nitrate	2-W9-1	24.49	ppm
Nitrate	6-20-20	32.83	ppm
Nitrate	6-20-39	5.16	ppm
Nitrate	6-23-34	23.82	ppm
Nitrate	6-24-33	28.58	ppm
Nitrate	6-24-34A	27.51	ppm
Nitrate	6-24-34B	31.47	ppm
Nitrate	6-24-34C	32.89	ppm
Nitrate	6-24-35	24.48	ppm
Nitrate	6-24-46	9.17	ppm
Nitrate	6-25-33A	4.38	ppm
Nitrate	6-25-34A	27.13	ppm
Nitrate	6-25-34B	30.32	ppm
Nitrate	6-25-34C	31.80	ppm
Nitrate	6-25-55	14.07	ppm
Nitrate	6-25-70	12.35	ppm
Nitrate	6-26-33	29.34	ppm
Nitrate	6-26-34	30.31	ppm
Nitrate	6-26-35A	31.45	ppm
Nitrate	6-26-35C	21.43	ppm
Nitrate	6-26-89	2.58	ppm
Nitrate	6-28-40	15.59	ppm
Nitrate	6-28-40P	6.77	ppm
Nitrate	6-28-52A	2.50	ppm
Nitrate	6-29-78	7.68	ppm
Nitrate	6-31-31	3.23	ppm
Nitrate	6-31-31P	2.33	ppm
Nitrate	6-32-22	20.59	ppm
Nitrate	6-32-43	18.92	ppm
Nitrate	6-32-62	26.16	ppm

Constituent	Well	Average	Units
Nitrate	6-32-70B	17.22	ppm
Nitrate	6-32-72	7.47	ppm
Nitrate	6-32-77	5.11	ppm
Nitrate	6-33-42	23.01	ppm
Nitrate	6-33-56	10.45	ppm
Nitrate	6-34-39A	2.50	ppm
Nitrate	6-34-41B	6.65	ppm
Nitrate	6-34-42	10.37	ppm
Nitrate	6-34-51	8.44	ppm
Nitrate	6-35-66	21.72	ppm
Nitrate	6-35-70	19.56	ppm
Nitrate	6-35-78A	1.90	ppm
Nitrate	6-36-46P	2.50	ppm
Nitrate	6-36-46Q	2.12	ppm
Nitrate	6-36-46R	.25	ppm
Nitrate	6-36-46S	2.50	ppm
Nitrate	6-36-61A	17.92	ppm
Nitrate	6-36-61B	10.98	ppm
Nitrate	6-36-93	36.09	ppm
Nitrate	6-37-82A	36.26	ppm
Nitrate	6-38-65	101.56	ppm
Nitrate	6-38-70	257.62	ppm
Nitrate	6-39-39	17.72	ppm
Nitrate	6-39-79	6.97	ppm
Nitrate	6-40-33A	1.08	ppm
Nitrate	6-40-40A	2.57	ppm
Nitrate	6-40-40B	.50	ppm
Nitrate	6-40-62	44.46	ppm
Nitrate	6-41-23	10.99	ppm
Nitrate	6-42-39A	12.20	ppm
Nitrate	6-42-39B	12.17	ppm
Nitrate	6-42-40A	2.05	ppm
Nitrate	6-42-40B	2.10	ppm
Nitrate	6-42-41	.87	ppm
Nitrate	6-42-42B	6.14	ppm
Nitrate	6-43-40	5.97	ppm
Nitrate	6-43-41E	8.87	ppm
Nitrate	6-43-41F	10.20	ppm
Nitrate	6-43-41G	5.61	ppm
Nitrate	6-43-42J	2.84	ppm
Nitrate	6-43-43	.94	ppm
Nitrate	6-43-45	1.23	ppm
Nitrate	6-43-88	10.26	ppm
Nitrate	6-44-42	1.41	ppm
Nitrate	6-44-43B	6.07	ppm

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Constituent	Well	Average	Units
Nitrate	6-44-64	50.97	ppm
Nitrate	6-45-42	6.36	ppm
Nitrate	6-45-69A	22.06	ppm
Nitrate	6-46-21B	17.01	ppm
Nitrate	6-47-35A	13.68	ppm
Nitrate	6-47-46A	13.76	ppm
Nitrate	6-47-60	12.65	ppm
Nitrate	6-48-18	5.21	ppm
Nitrate	6-48-50	.25	ppm
Nitrate	6-48-71	21.80	ppm
Nitrate	6-49-100C	7.75	ppm
Nitrate	6-49-28	2.50	ppm
Nitrate	6-49-55A	101.69	ppm
Nitrate	6-49-57A	14.66	ppm
Nitrate	6-49-79	35.02	ppm
Nitrate	6-50-30	2.50	ppm
Nitrate	6-50-42	5.00	ppm
Nitrate	6-50-48B	2.10	ppm
Nitrate	6-50-53A	397.27	ppm
Nitrate	6-50-85	24.66	ppm
Nitrate	6-51-63	17.33	ppm
Nitrate	6-51-75	2.13	ppm
Nitrate	6-52-19	3.90	ppm
Nitrate	6-52-54	.59	ppm
Nitrate	6-52-57	.25	ppm
Nitrate	6-53-103	2.50	ppm
Nitrate	6-53-47A	3.45	ppm
Nitrate	6-53-47B	30.60	ppm
Nitrate	6-53-48A	46.00	ppm
Nitrate	6-53-48B	.25	ppm
Nitrate	6-53-55A	.25	ppm
Nitrate	6-54-34	7.30	ppm
Nitrate	6-54-45A	2.50	ppm
Nitrate	6-54-48	51.10	ppm
Nitrate	6-54-49	4.95	ppm
Nitrate	6-55-40	5.64	ppm
Nitrate	6-55-44	2.50	ppm
Nitrate	6-55-50A	2.50	ppm
Nitrate	6-55-50C	2.69	ppm
Nitrate	6-55-50D	2.72	ppm
Nitrate	6-55-55	.25	ppm
Nitrate	6-55-57	.25	ppm
Nitrate	6-55-70	2.50	ppm
Nitrate	6-55-76	4.29	ppm
Nitrate	6-55-89	7.79	ppm

Constituent	Well	Average	Units
Nitrate	6-56-43	2.50	ppm
Nitrate	6-57-29A	3.12	ppm
Nitrate	6-58-24	2.00	ppm
Nitrate	6-59-58	4.30	ppm
Nitrate	6-59-80B	2.50	ppm
Nitrate	6-60-57	2.28	ppm
Nitrate	6-60-60	1.80	ppm
Nitrate	6-61-37	4.38	ppm
Nitrate	6-61-41	2.67	ppm
Nitrate	6-61-62	41.30	ppm
Nitrate	6-61-66	4.66	ppm
Nitrate	6-62-31	48.59	ppm
Nitrate	6-63-25A	15.45	ppm
Nitrate	6-63-55	6.72	ppm
Nitrate	6-63-58	18.35	ppm
Nitrate	6-63-90	5.23	ppm
Nitrate	6-64-62	31.94	ppm
Nitrate	6-65-23	18.10	ppm
Nitrate	6-65-50	3.67	ppm
Nitrate	6-65-59A	10.24	ppm
Nitrate	6-65-72	19.65	ppm
Nitrate	6-65-83	4.95	ppm
Nitrate	6-66-103	3.04	ppm
Nitrate	6-66-23	36.59	ppm
Nitrate	6-66-38	2.17	ppm
Nitrate	6-66-39	2.20	ppm
Nitrate	6-66-58	8.08	ppm
Nitrate	6-66-64	18.62	ppm
Nitrate	6-67-51	3.47	ppm
Nitrate	6-67-86	3.05	ppm
Nitrate	6-67-98	4.53	ppm
Nitrate	6-68-105	2.50	ppm
Nitrate	6-69-38	2.50	ppm
Plutonium-239/40	1-B4-4	.05	pCi/L
Plutonium-239/40	1-B5-1	.05	pCi/L
Plutonium-239/40	1-B9-1	.05	pCi/L
Plutonium-239/40	2-E13-14	.05	pCi/L
Plutonium-239/40	2-E16-2	.05	pCi/L
Plutonium-239/40	2-E17-1	.05	pCi/L
Plutonium-239/40	2-E17-12	.05	pCi/L
Plutonium-239/40	2-E17-13	.05	pCi/L
Plutonium-239/40	2-E17-14	.05	pCi/L
Plutonium-239/40	2-E17-15	.05	pCi/L

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Constituent	Well	Average	Units
Plutonium-239/40	2-E17-16	.05	pCi/L
Plutonium-239/40	2-E17-17	.05	pCi/L
Plutonium-239/40	2-E17-18	.05	pCi/L
Plutonium-239/40	2-E17-20	.05	pCi/L
Plutonium-239/40	2-E17-5	.05	pCi/L
Plutonium-239/40	2-E17-6	.05	pCi/L
Plutonium-239/40	2-E17-8	.05	pCi/L
Plutonium-239/40	2-E17-9	.05	pCi/L
Plutonium-239/40	2-E18-1	.05	pCi/L
Plutonium-239/40	2-E18-2	.05	pCi/L
Plutonium-239/40	2-E18-3	.05	pCi/L
Plutonium-239/40	2-E18-4	.05	pCi/L
Plutonium-239/40	2-E24-12	.05	pCi/L
Plutonium-239/40	2-E24-16	.05	pCi/L
Plutonium-239/40	2-E24-17	.05	pCi/L
Plutonium-239/40	2-E24-18	.05	pCi/L
Plutonium-239/40	2-E24-19	.05	pCi/L
Plutonium-239/40	2-E24-2	.05	pCi/L
Plutonium-239/40	2-E24-20	.05	pCi/L
Plutonium-239/40	2-E25-11	.05	pCi/L
Plutonium-239/40	2-E25-17	.44	pCi/L
Plutonium-239/40	2-E25-18	.05	pCi/L
Plutonium-239/40	2-E25-19	.05	pCi/L
Plutonium-239/40	2-E25-20	.05	pCi/L
Plutonium-239/40	2-E25-21	.05	pCi/L
Plutonium-239/40	2-E25-22	.05	pCi/L
Plutonium-239/40	2-E25-23	.05	pCi/L
Plutonium-239/40	2-E25-24	.05	pCi/L
Plutonium-239/40	2-E25-25	.05	pCi/L
Plutonium-239/40	2-E25-26	.05	pCi/L
Plutonium-239/40	2-E25-28	.05	pCi/L
Plutonium-239/40	2-E25-30P	.05	pCi/L
Plutonium-239/40	2-E25-31	.05	pCi/L
Plutonium-239/40	2-E25-32P	.05	pCi/L
Plutonium-239/40	2-E25-33	.05	pCi/L
Plutonium-239/40	2-E25-34	.05	pCi/L
Plutonium-239/40	2-E25-35	.05	pCi/L
Plutonium-239/40	2-E25-38	.05	pCi/L
Plutonium-239/40	2-E25-40	.05	pCi/L
Plutonium-239/40	2-E25-41	.05	pCi/L
Plutonium-239/40	2-E25-6	.05	pCi/L
Plutonium-239/40	2-E25-9	.05	pCi/L
Plutonium-239/40	2-E27-10	.05	pCi/L
Plutonium-239/40	2-E27-11	.05	pCi/L
Plutonium-239/40	2-E27-12	.05	pCi/L

Constituent	Well	Average	Units
Plutonium-239/40	2-E27-13	.05	pCi/L
Plutonium-239/40	2-E27-14	.05	pCi/L
Plutonium-239/40	2-E27-15	.05	pCi/L
Plutonium-239/40	2-E27-5	.05	pCi/L
Plutonium-239/40	2-E27-7	.05	pCi/L
Plutonium-239/40	2-E27-8	.05	pCi/L
Plutonium-239/40	2-E27-9	.05	pCi/L
Plutonium-239/40	2-E28-1	.05	pCi/L
Plutonium-239/40	2-E28-12	.05	pCi/L
Plutonium-239/40	2-E28-13	.05	pCi/L
Plutonium-239/40	2-E28-16	.05	pCi/L
Plutonium-239/40	2-E28-18	.05	pCi/L
Plutonium-239/40	2-E28-19	.05	pCi/L
Plutonium-239/40	2-E28-21	.05	pCi/L
Plutonium-239/40	2-E28-23	68.75	pCi/L
Plutonium-239/40	2-E28-24	34.37	pCi/L
Plutonium-239/40	2-E28-25	16.67	pCi/L
Plutonium-239/40	2-E28-26	.05	pCi/L
Plutonium-239/40	2-E28-27	.05	pCi/L
Plutonium-239/40	2-E28-28	.05	pCi/L
Plutonium-239/40	2-E28-7	.05	pCi/L
Plutonium-239/40	2-E32-1	.05	pCi/L
Plutonium-239/40	2-E32-2	.05	pCi/L
Plutonium-239/40	2-E32-3	.05	pCi/L
Plutonium-239/40	2-E32-4	.05	pCi/L
Plutonium-239/40	2-E32-5	.05	pCi/L
Plutonium-239/40	2-E33-26	.05	pCi/L
Plutonium-239/40	2-E33-28	.05	pCi/L
Plutonium-239/40	2-E33-29	.05	pCi/L
Plutonium-239/40	2-E33-3	.05	pCi/L
Plutonium-239/40	2-E33-30	.05	pCi/L
Plutonium-239/40	2-E33-31	.05	pCi/L
Plutonium-239/40	2-E33-32	.05	pCi/L
Plutonium-239/40	2-E33-33	.05	pCi/L
Plutonium-239/40	2-E33-34	.05	pCi/L
Plutonium-239/40	2-E33-35	.05	pCi/L
Plutonium-239/40	2-E33-41	.05	pCi/L
Plutonium-239/40	2-E33-42	.05	pCi/L
Plutonium-239/40	2-E33-43	.05	pCi/L
Plutonium-239/40	2-E34-1	.05	pCi/L
Plutonium-239/40	2-E34-2	.05	pCi/L
Plutonium-239/40	2-E34-3	.05	pCi/L
Plutonium-239/40	2-E34-5	.05	pCi/L
Plutonium-239/40	2-E34-6	.05	pCi/L
Plutonium-239/40	2-E34-7	.05	pCi/L

Constituent	Well	Average	Units
Plutonium-239/40	2-W10-13	.05	pCi/L
Plutonium-239/40	2-W10-14	.05	pCi/L
Plutonium-239/40	2-W10-15	.05	pCi/L
Plutonium-239/40	2-W10-16	.05	pCi/L
Plutonium-239/40	2-W10-17	.05	pCi/L
Plutonium-239/40	2-W10-18	.05	pCi/L
Plutonium-239/40	2-W10-4	.05	pCi/L
Plutonium-239/40	2-W10-9	.05	pCi/L
Plutonium-239/40	2-W11-14	.05	pCi/L
Plutonium-239/40	2-W11-18	.05	pCi/L
Plutonium-239/40	2-W14-10	.05	pCi/L
Plutonium-239/40	2-W14-5	.26	pCi/L
Plutonium-239/40	2-W14-6	.05	pCi/L
Plutonium-239/40	2-W15-10	.05	pCi/L
Plutonium-239/40	2-W15-11	.05	pCi/L
Plutonium-239/40	2-W15-15	.05	pCi/L
Plutonium-239/40	2-W15-16	.05	pCi/L
Plutonium-239/40	2-W15-17	.05	pCi/L
Plutonium-239/40	2-W15-18	.05	pCi/L
Plutonium-239/40	2-W15-19	.05	pCi/L
Plutonium-239/40	2-W15-20	.05	pCi/L
Plutonium-239/40	2-W15-22	.05	pCi/L
Plutonium-239/40	2-W15-23	.05	pCi/L
Plutonium-239/40	2-W15-24	.05	pCi/L
Plutonium-239/40	2-W15-4	.05	pCi/L
Plutonium-239/40	2-W15-6	.05	pCi/L
Plutonium-239/40	2-W15-7	.05	pCi/L
Plutonium-239/40	2-W15-8	5.09	pCi/L
Plutonium-239/40	2-W18-15	.05	pCi/L
Plutonium-239/40	2-W18-17	.05	pCi/L
Plutonium-239/40	2-W18-20	.05	pCi/L
Plutonium-239/40	2-W18-21	.05	pCi/L
Plutonium-239/40	2-W18-22	.05	pCi/L
Plutonium-239/40	2-W18-23	.05	pCi/L
Plutonium-239/40	2-W18-24	.05	pCi/L
Plutonium-239/40	2-W18-25	.05	pCi/L
Plutonium-239/40	2-W18-26	.05	pCi/L
Plutonium-239/40	2-W18-5	.05	pCi/L
Plutonium-239/40	2-W19-12	.05	pCi/L
Plutonium-239/40	2-W19-13	.05	pCi/L
Plutonium-239/40	2-W19-14	.05	pCi/L
Plutonium-239/40	2-W19-15	.05	pCi/L
Plutonium-239/40	2-W19-16	.05	pCi/L
Plutonium-239/40	2-W19-17	.05	pCi/L
Plutonium-239/40	2-W19-18	.05	pCi/L

Constituent	Well	Average	Units
Plutonium-239/40	2-W19-19	.05	pCi/L
Plutonium-239/40	2-W19-20	.05	pCi/L
Plutonium-239/40	2-W19-21	.05	pCi/L
Plutonium-239/40	2-W19-23	.05	pCi/L
Plutonium-239/40	2-W19-24	.05	pCi/L
Plutonium-239/40	2-W19-25	.05	pCi/L
Plutonium-239/40	2-W19-26	.05	pCi/L
Plutonium-239/40	2-W19-27	.05	pCi/L
Plutonium-239/40	2-W19-28	.05	pCi/L
Plutonium-239/40	2-W19-29	.05	pCi/L
Plutonium-239/40	2-W19-3	.05	pCi/L
Plutonium-239/40	2-W19-30	.05	pCi/L
Plutonium-239/40	2-W19-31	.05	pCi/L
Plutonium-239/40	2-W19-32	.05	pCi/L
Plutonium-239/40	2-W22-12	.05	pCi/L
Plutonium-239/40	2-W22-2	.12	pCi/L
Plutonium-239/40	2-W22-20	.05	pCi/L
Plutonium-239/40	2-W22-21	.05	pCi/L
Plutonium-239/40	2-W22-22	.05	pCi/L
Plutonium-239/40	2-W22-26	.05	pCi/L
Plutonium-239/40	2-W22-39	.05	pCi/L
Plutonium-239/40	2-W23-10	.05	pCi/L
Plutonium-239/40	2-W23-11	.05	pCi/L
Plutonium-239/40	2-W23-13	.05	pCi/L
Plutonium-239/40	2-W23-14	.05	pCi/L
Plutonium-239/40	2-W26-3	.05	pCi/L
Plutonium-239/40	2-W26-6	.05	pCi/L
Plutonium-239/40	2-W27-1	.05	pCi/L
Plutonium-239/40	2-W6-2	.05	pCi/L
Plutonium-239/40	2-W6-4	.05	pCi/L
Plutonium-239/40	2-W6-5	.05	pCi/L
Plutonium-239/40	2-W6-6	.05	pCi/L
Plutonium-239/40	2-W6-7	.05	pCi/L
Plutonium-239/40	2-W6-8	.05	pCi/L
Plutonium-239/40	2-W7-1	.05	pCi/L
Plutonium-239/40	2-W7-10	.05	pCi/L
Plutonium-239/40	2-W7-11	.05	pCi/L
Plutonium-239/40	2-W7-12	.05	pCi/L
Plutonium-239/40	2-W7-2	.05	pCi/L
Plutonium-239/40	2-W7-3	.05	pCi/L
Plutonium-239/40	2-W7-4	.05	pCi/L
Plutonium-239/40	2-W7-5	.05	pCi/L
Plutonium-239/40	2-W7-6	.05	pCi/L
Plutonium-239/40	2-W7-7	.05	pCi/L
Plutonium-239/40	2-W7-8	.05	pCi/L

Constituent	Well	Average	Units
Plutonium-239/40	2-W7-9	.05	pCi/L
Plutonium-239/40	2-W8-1	.05	pCi/L
Plutonium-239/40	2-W9-1	.05	pCi/L
Plutonium-239/40	6-31-31	.05	pCi/L
Plutonium-239/40	6-32-43	.05	pCi/L
Plutonium-239/40	6-32-72	.05	pCi/L
Plutonium-239/40	6-35-70	.05	pCi/L
Plutonium-239/40	6-35-78A	.05	pCi/L
Plutonium-239/40	6-38-65	.05	pCi/L
Plutonium-239/40	6-38-70	.05	pCi/L
Plutonium-239/40	6-40-33A	.05	pCi/L
Plutonium-239/40	6-40-62	.05	pCi/L
Plutonium-239/40	6-42-40A	.05	pCi/L
Plutonium-239/40	6-42-42B	.05	pCi/L
Plutonium-239/40	6-43-41E	.05	pCi/L
Plutonium-239/40	6-43-41F	.05	pCi/L
Plutonium-239/40	6-43-43	.05	pCi/L
Plutonium-239/40	6-43-45	.05	pCi/L
Plutonium-239/40	6-44-42	.05	pCi/L
Plutonium-239/40	6-44-43B	.05	pCi/L
Plutonium-239/40	6-45-42	.05	pCi/L
Plutonium-239/40	6-48-18	.05	pCi/L
Plutonium-239/40	6-50-42	.05	pCi/L
Plutonium-239/40	6-50-53A	.05	pCi/L
Plutonium-239/40	6-53-47A	.05	pCi/L
Plutonium-239/40	6-53-48A	.05	pCi/L
Plutonium-239/40	6-53-48B	.05	pCi/L
Plutonium-239/40	6-55-50C	.05	pCi/L
Plutonium-239/40	6-63-25A	.05	pCi/L
Plutonium-239/40	6-66-23	.05	pCi/L
Strontium-90	1-B4-2	27.73	pCi/L
Strontium-90	1-B4-3	21.85	pCi/L
Strontium-90	1-B4-4	28.94	pCi/L
Strontium-90	1-B5-1	2.50	pCi/L
Strontium-90	1-B9-1	2.50	pCi/L
Strontium-90	2-E13-14	2.50	pCi/L
Strontium-90	2-E13-19	2.50	pCi/L
Strontium-90	2-E13-5	2.50	pCi/L
Strontium-90	2-E13-8	2.50	pCi/L
Strontium-90	2-E16-2	2.50	pCi/L
Strontium-90	2-E17-1	2.50	pCi/L
Strontium-90	2-E17-12	2.50	pCi/L
Strontium-90	2-E17-13	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-E17-14	18.70	pCi/L
Strontium-90	2-E17-15	6.56	pCi/L
Strontium-90	2-E17-16	2.50	pCi/L
Strontium-90	2-E17-17	2.50	pCi/L
Strontium-90	2-E17-18	2.50	pCi/L
Strontium-90	2-E17-2	2.50	pCi/L
Strontium-90	2-E17-20	12.80	pCi/L
Strontium-90	2-E17-5	2.50	pCi/L
Strontium-90	2-E17-6	2.50	pCi/L
Strontium-90	2-E17-8	2.50	pCi/L
Strontium-90	2-E17-9	2.50	pCi/L
Strontium-90	2-E18-1	2.50	pCi/L
Strontium-90	2-E24-1	10.35	pCi/L
Strontium-90	2-E24-11	2.50	pCi/L
Strontium-90	2-E24-12	5.64	pCi/L
Strontium-90	2-E24-13	2.50	pCi/L
Strontium-90	2-E24-17	2.50	pCi/L
Strontium-90	2-E24-18	2.50	pCi/L
Strontium-90	2-E24-19	64.58	pCi/L
Strontium-90	2-E24-2	2.50	pCi/L
Strontium-90	2-E24-20	2.50	pCi/L
Strontium-90	2-E24-4	2.50	pCi/L
Strontium-90	2-E24-8	2.50	pCi/L
Strontium-90	2-E25-11	2.50	pCi/L
Strontium-90	2-E25-17	2.50	pCi/L
Strontium-90	2-E25-18	2.50	pCi/L
Strontium-90	2-E25-19	2.50	pCi/L
Strontium-90	2-E25-2	2.50	pCi/L
Strontium-90	2-E25-20	2.50	pCi/L
Strontium-90	2-E25-21	2.50	pCi/L
Strontium-90	2-E25-22	2.50	pCi/L
Strontium-90	2-E25-23	2.50	pCi/L
Strontium-90	2-E25-24	2.50	pCi/L
Strontium-90	2-E25-25	2.50	pCi/L
Strontium-90	2-E25-26	2.50	pCi/L
Strontium-90	2-E25-28	2.50	pCi/L
Strontium-90	2-E25-29P	2.50	pCi/L
Strontium-90	2-E25-3	2.50	pCi/L
Strontium-90	2-E25-30P	2.50	pCi/L
Strontium-90	2-E25-31	2.50	pCi/L
Strontium-90	2-E25-32P	2.50	pCi/L
Strontium-90	2-E25-33	2.50	pCi/L
Strontium-90	2-E25-34	2.50	pCi/L
Strontium-90	2-E25-35	2.50	pCi/L
Strontium-90	2-E25-40	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-E25-41	2.50	pCi/L
Strontium-90	2-E25-6	2.50	pCi/L
Strontium-90	2-E25-9	2.50	pCi/L
Strontium-90	2-E26-2	2.50	pCi/L
Strontium-90	2-E26-3	2.50	pCi/L
Strontium-90	2-E26-4	2.50	pCi/L
Strontium-90	2-E26-6	2.50	pCi/L
Strontium-90	2-E27-1	2.50	pCi/L
Strontium-90	2-E27-10	2.50	pCi/L
Strontium-90	2-E27-11	2.50	pCi/L
Strontium-90	2-E27-12	2.50	pCi/L
Strontium-90	2-E27-13	2.50	pCi/L
Strontium-90	2-E27-14	2.50	pCi/L
Strontium-90	2-E27-15	2.50	pCi/L
Strontium-90	2-E27-5	2.50	pCi/L
Strontium-90	2-E27-7	2.50	pCi/L
Strontium-90	2-E27-8	2.50	pCi/L
Strontium-90	2-E27-9	2.50	pCi/L
Strontium-90	2-E28-1	2.50	pCi/L
Strontium-90	2-E28-12	2.50	pCi/L
Strontium-90	2-E28-13	2.50	pCi/L
Strontium-90	2-E28-18	2.50	pCi/L
Strontium-90	2-E28-21	2.50	pCi/L
Strontium-90	2-E28-23	4396.25	pCi/L
Strontium-90	2-E28-24	196.17	pCi/L
Strontium-90	2-E28-25	5148.57	pCi/L
Strontium-90	2-E28-26	2.50	pCi/L
Strontium-90	2-E28-27	2.50	pCi/L
Strontium-90	2-E28-28	2.50	pCi/L
Strontium-90	2-E28-7	75.59	pCi/L
Strontium-90	2-E32-1	2.50	pCi/L
Strontium-90	2-E32-2	2.50	pCi/L
Strontium-90	2-E32-3	2.50	pCi/L
Strontium-90	2-E32-4	2.50	pCi/L
Strontium-90	2-E32-5	2.50	pCi/L
Strontium-90	2-E33-1	2.50	pCi/L
Strontium-90	2-E33-13	2.50	pCi/L
Strontium-90	2-E33-14	2.50	pCi/L
Strontium-90	2-E33-15	2.50	pCi/L
Strontium-90	2-E33-18	2.50	pCi/L
Strontium-90	2-E33-20	2.50	pCi/L
Strontium-90	2-E33-21	2.50	pCi/L
Strontium-90	2-E33-24	2.50	pCi/L
Strontium-90	2-E33-26	2.50	pCi/L
Strontium-90	2-E33-28	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-E33-29	2.50	pCi/L
Strontium-90	2-E33-3	2.50	pCi/L
Strontium-90	2-E33-30	2.50	pCi/L
Strontium-90	2-E33-31	2.50	pCi/L
Strontium-90	2-E33-32	2.50	pCi/L
Strontium-90	2-E33-33	2.50	pCi/L
Strontium-90	2-E33-34	2.50	pCi/L
Strontium-90	2-E33-35	2.50	pCi/L
Strontium-90	2-E33-38	2.50	pCi/L
Strontium-90	2-E33-39	2.50	pCi/L
Strontium-90	2-E33-4	2.50	pCi/L
Strontium-90	2-E33-41	2.50	pCi/L
Strontium-90	2-E33-42	2.50	pCi/L
Strontium-90	2-E33-43	2.50	pCi/L
Strontium-90	2-E33-5	2.50	pCi/L
Strontium-90	2-E33-7	2.50	pCi/L
Strontium-90	2-E33-8	2.50	pCi/L
Strontium-90	2-E33-9	2.50	pCi/L
Strontium-90	2-E34-1	2.50	pCi/L
Strontium-90	2-E34-2	2.50	pCi/L
Strontium-90	2-E34-3	2.50	pCi/L
Strontium-90	2-E34-5	2.50	pCi/L
Strontium-90	2-E34-6	2.50	pCi/L
Strontium-90	2-E34-7	2.50	pCi/L
Strontium-90	2-E35-1	2.50	pCi/L
Strontium-90	2-W10-1	2.50	pCi/L
Strontium-90	2-W10-13	2.50	pCi/L
Strontium-90	2-W10-14	2.50	pCi/L
Strontium-90	2-W10-15	2.50	pCi/L
Strontium-90	2-W10-16	2.50	pCi/L
Strontium-90	2-W10-17	2.50	pCi/L
Strontium-90	2-W10-18	2.50	pCi/L
Strontium-90	2-W10-3	2.50	pCi/L
Strontium-90	2-W10-4	2.50	pCi/L
Strontium-90	2-W10-8	2.50	pCi/L
Strontium-90	2-W10-9	2.50	pCi/L
Strontium-90	2-W11-11	2.50	pCi/L
Strontium-90	2-W11-18	2.50	pCi/L
Strontium-90	2-W11-23	2.50	pCi/L
Strontium-90	2-W11-24	2.50	pCi/L
Strontium-90	2-W11-3	2.50	pCi/L
Strontium-90	2-W11-9	2.50	pCi/L
Strontium-90	2-W14-10	2.50	pCi/L
Strontium-90	2-W14-2	2.50	pCi/L
Strontium-90	2-W14-5	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-W14-6	2.50	pCi/L
Strontium-90	2-W15-10	2.50	pCi/L
Strontium-90	2-W15-11	2.50	pCi/L
Strontium-90	2-W15-15	2.50	pCi/L
Strontium-90	2-W15-16	2.50	pCi/L
Strontium-90	2-W15-17	2.50	pCi/L
Strontium-90	2-W15-18	2.50	pCi/L
Strontium-90	2-W15-19	2.50	pCi/L
Strontium-90	2-W15-20	2.50	pCi/L
Strontium-90	2-W15-22	2.50	pCi/L
Strontium-90	2-W15-23	2.50	pCi/L
Strontium-90	2-W15-24	2.50	pCi/L
Strontium-90	2-W15-3	2.50	pCi/L
Strontium-90	2-W15-4	2.50	pCi/L
Strontium-90	2-W15-6	2.50	pCi/L
Strontium-90	2-W15-7	2.50	pCi/L
Strontium-90	2-W18-17	2.50	pCi/L
Strontium-90	2-W18-20	2.50	pCi/L
Strontium-90	2-W18-21	2.50	pCi/L
Strontium-90	2-W18-22	2.50	pCi/L
Strontium-90	2-W18-23	2.50	pCi/L
Strontium-90	2-W18-24	2.50	pCi/L
Strontium-90	2-W18-25	2.50	pCi/L
Strontium-90	2-W18-26	2.50	pCi/L
Strontium-90	2-W18-3	2.50	pCi/L
Strontium-90	2-W18-5	2.50	pCi/L
Strontium-90	2-W19-1	2.50	pCi/L
Strontium-90	2-W19-11	2.50	pCi/L
Strontium-90	2-W19-12	2.50	pCi/L
Strontium-90	2-W19-13	2.50	pCi/L
Strontium-90	2-W19-14	2.50	pCi/L
Strontium-90	2-W19-15	2.50	pCi/L
Strontium-90	2-W19-16	2.50	pCi/L
Strontium-90	2-W19-17	2.50	pCi/L
Strontium-90	2-W19-18	2.50	pCi/L
Strontium-90	2-W19-19	2.50	pCi/L
Strontium-90	2-W19-2	2.50	pCi/L
Strontium-90	2-W19-20	2.50	pCi/L
Strontium-90	2-W19-21	2.50	pCi/L
Strontium-90	2-W19-23	2.50	pCi/L
Strontium-90	2-W19-24	2.50	pCi/L
Strontium-90	2-W19-25	2.50	pCi/L
Strontium-90	2-W19-26	2.50	pCi/L
Strontium-90	2-W19-27	2.50	pCi/L
Strontium-90	2-W19-29	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-W19-3	2.50	pCi/L
Strontium-90	2-W19-30	2.50	pCi/L
Strontium-90	2-W19-31	2.50	pCi/L
Strontium-90	2-W19-32	2.50	pCi/L
Strontium-90	2-W19-9	2.50	pCi/L
Strontium-90	2-W22-1	7.59	pCi/L
Strontium-90	2-W22-10	21.95	pCi/L
Strontium-90	2-W22-12	2.50	pCi/L
Strontium-90	2-W22-18	2.50	pCi/L
Strontium-90	2-W22-2	2.50	pCi/L
Strontium-90	2-W22-20	2.50	pCi/L
Strontium-90	2-W22-21	2.50	pCi/L
Strontium-90	2-W22-22	2.50	pCi/L
Strontium-90	2-W22-26	2.50	pCi/L
Strontium-90	2-W22-39	2.50	pCi/L
Strontium-90	2-W22-7	2.50	pCi/L
Strontium-90	2-W22-9	2.50	pCi/L
Strontium-90	2-W23-1	2.50	pCi/L
Strontium-90	2-W23-10	2.50	pCi/L
Strontium-90	2-W23-11	2.50	pCi/L
Strontium-90	2-W23-13	2.50	pCi/L
Strontium-90	2-W23-14	2.50	pCi/L
Strontium-90	2-W23-2	2.50	pCi/L
Strontium-90	2-W23-3	2.50	pCi/L
Strontium-90	2-W23-4	2.50	pCi/L
Strontium-90	2-W23-9	2.50	pCi/L
Strontium-90	2-W26-6	2.50	pCi/L
Strontium-90	2-W27-1	2.50	pCi/L
Strontium-90	2-W6-2	2.50	pCi/L
Strontium-90	2-W6-4	2.50	pCi/L
Strontium-90	2-W6-5	2.50	pCi/L
Strontium-90	2-W6-6	2.50	pCi/L
Strontium-90	2-W6-7	2.50	pCi/L
Strontium-90	2-W6-8	2.50	pCi/L
Strontium-90	2-W7-1	2.50	pCi/L
Strontium-90	2-W7-10	2.50	pCi/L
Strontium-90	2-W7-11	2.50	pCi/L
Strontium-90	2-W7-12	2.50	pCi/L
Strontium-90	2-W7-2	2.50	pCi/L
Strontium-90	2-W7-3	2.50	pCi/L
Strontium-90	2-W7-4	2.50	pCi/L
Strontium-90	2-W7-5	2.50	pCi/L
Strontium-90	2-W7-6	2.50	pCi/L
Strontium-90	2-W7-7	2.50	pCi/L
Strontium-90	2-W7-8	2.50	pCi/L

Constituent	Well	Average	Units
Strontium-90	2-W7-9	2.50	pCi/L
Strontium-90	2-W8-1	2.50	pCi/L
Strontium-90	2-W9-1	2.50	pCi/L
Strontium-90	6-23-34	2.50	pCi/L
Strontium-90	6-24-33	2.50	pCi/L
Strontium-90	6-24-34A	2.50	pCi/L
Strontium-90	6-24-34B	2.50	pCi/L
Strontium-90	6-24-34C	2.50	pCi/L
Strontium-90	6-24-35	2.50	pCi/L
Strontium-90	6-25-34C	2.50	pCi/L
Strontium-90	6-31-31	2.50	pCi/L
Strontium-90	6-32-43	2.50	pCi/L
Strontium-90	6-32-70B	2.50	pCi/L
Strontium-90	6-32-72	2.50	pCi/L
Strontium-90	6-35-66	2.50	pCi/L
Strontium-90	6-35-70	2.50	pCi/L
Strontium-90	6-36-93	2.50	pCi/L
Strontium-90	6-38-65	2.50	pCi/L
Strontium-90	6-38-70	2.50	pCi/L
Strontium-90	6-40-33A	2.50	pCi/L
Strontium-90	6-42-40A	2.50	pCi/L
Strontium-90	6-42-40B	2.50	pCi/L
Strontium-90	6-43-41E	2.50	pCi/L
Strontium-90	6-43-41F	2.50	pCi/L
Strontium-90	6-43-45	2.50	pCi/L
Strontium-90	6-44-43B	2.50	pCi/L
Strontium-90	6-45-42	2.50	pCi/L
Strontium-90	6-47-60	2.50	pCi/L
Strontium-90	6-48-50	2.50	pCi/L
Strontium-90	6-49-100C	2.50	pCi/L
Strontium-90	6-49-55A	2.50	pCi/L
Strontium-90	6-49-57A	2.50	pCi/L
Strontium-90	6-50-30	2.50	pCi/L
Strontium-90	6-50-42	2.50	pCi/L
Strontium-90	6-50-48B	2.50	pCi/L
Strontium-90	6-50-53A	2.50	pCi/L
Strontium-90	6-52-54	2.50	pCi/L
Strontium-90	6-52-57	2.50	pCi/L
Strontium-90	6-53-47A	60.02	pCi/L
Strontium-90	6-53-47B	100.30	pCi/L
Strontium-90	6-53-48A	55.50	pCi/L
Strontium-90	6-53-48B	310.71	pCi/L
Strontium-90	6-53-55A	2.50	pCi/L
Strontium-90	6-54-48	54.04	pCi/L
Strontium-90	6-54-49	22.44	pCi/L

Constituent	Well	Average	Units
Strontium-90	6-55-50A	2.50	pCi/L
Strontium-90	6-55-50C	2.50	pCi/L
Strontium-90	6-55-50D	2.50	pCi/L
Strontium-90	6-55-55	2.50	pCi/L
Strontium-90	6-55-57	2.50	pCi/L
Strontium-90	6-55-89	2.50	pCi/L
Strontium-90	6-59-58	2.50	pCi/L
Strontium-90	6-60-60	2.50	pCi/L
Strontium-90	6-61-62	2.50	pCi/L
Strontium-90	6-61-66	2.50	pCi/L
Strontium-90	6-63-58	2.50	pCi/L
Strontium-90	6-64-62	2.50	pCi/L
Strontium-90	6-65-59A	2.50	pCi/L
Strontium-90	6-66-58	2.50	pCi/L
Strontium-90	6-66-64	2.50	pCi/L
Technetium-99	1-B4-2	111.37	pCi/L
Technetium-99	1-B4-3	99.60	pCi/L
Technetium-99	1-B4-4	107.17	pCi/L
Technetium-99	1-B5-1	98.70	pCi/L
Technetium-99	1-B9-1	69.64	pCi/L
Technetium-99	2-E13-14	7.50	pCi/L
Technetium-99	2-E13-19	7.50	pCi/L
Technetium-99	2-E13-5	33.89	pCi/L
Technetium-99	2-E13-8	7.50	pCi/L
Technetium-99	2-E16-2	7.50	pCi/L
Technetium-99	2-E17-1	68.40	pCi/L
Technetium-99	2-E17-12	341.67	pCi/L
Technetium-99	2-E17-13	60.67	pCi/L
Technetium-99	2-E17-14	443.50	pCi/L
Technetium-99	2-E17-15	110.00	pCi/L
Technetium-99	2-E17-16	7.50	pCi/L
Technetium-99	2-E17-17	201.00	pCi/L
Technetium-99	2-E17-18	7.50	pCi/L
Technetium-99	2-E17-5	209.33	pCi/L
Technetium-99	2-E17-6	7.50	pCi/L
Technetium-99	2-E17-8	7.50	pCi/L
Technetium-99	2-E17-9	96.20	pCi/L
Technetium-99	2-E18-1	7.50	pCi/L
Technetium-99	2-E18-2	7.50	pCi/L
Technetium-99	2-E18-3	7.50	pCi/L
Technetium-99	2-E18-4	7.50	pCi/L
Technetium-99	2-E24-12	93.20	pCi/L
Technetium-99	2-E24-19	233.94	pCi/L

Constituent	Well	Average	Units
Technetium-99	2-E24-20	9802.21	pCi/L
Technetium-99	2-E24-8	24.30	pCi/L
Technetium-99	2-E25-11	7.50	pCi/L
Technetium-99	2-E25-17	7.50	pCi/L
Technetium-99	2-E25-18	7.50	pCi/L
Technetium-99	2-E25-19	7.50	pCi/L
Technetium-99	2-E25-20	7.50	pCi/L
Technetium-99	2-E25-21	7.50	pCi/L
Technetium-99	2-E25-22	7.50	pCi/L
Technetium-99	2-E25-23	7.50	pCi/L
Technetium-99	2-E25-24	7.50	pCi/L
Technetium-99	2-E25-25	7.50	pCi/L
Technetium-99	2-E25-26	7.50	pCi/L
Technetium-99	2-E25-27	7.50	pCi/L
Technetium-99	2-E25-28	7.50	pCi/L
Technetium-99	2-E25-29P	7.50	pCi/L
Technetium-99	2-E25-30P	7.50	pCi/L
Technetium-99	2-E25-31	7.50	pCi/L
Technetium-99	2-E25-32P	7.50	pCi/L
Technetium-99	2-E25-33	7.50	pCi/L
Technetium-99	2-E25-37	7.50	pCi/L
Technetium-99	2-E25-38	7.50	pCi/L
Technetium-99	2-E25-39	7.50	pCi/L
Technetium-99	2-E25-40	167.01	pCi/L
Technetium-99	2-E25-41	34252.24	pCi/L
Technetium-99	2-E25-6	7.50	pCi/L
Technetium-99	2-E25-9	7.50	pCi/L
Technetium-99	2-E26-11	7.50	pCi/L
Technetium-99	2-E26-9	7.50	pCi/L
Technetium-99	2-E27-10	7.50	pCi/L
Technetium-99	2-E27-11	7.50	pCi/L
Technetium-99	2-E27-12	7.50	pCi/L
Technetium-99	2-E27-13	47.05	pCi/L
Technetium-99	2-E27-14	145.67	pCi/L
Technetium-99	2-E27-15	7.50	pCi/L
Technetium-99	2-E27-5	65.83	pCi/L
Technetium-99	2-E27-7	7.50	pCi/L
Technetium-99	2-E27-8	7.50	pCi/L
Technetium-99	2-E27-9	7.50	pCi/L
Technetium-99	2-E28-1	28.90	pCi/L
Technetium-99	2-E28-12	54.80	pCi/L
Technetium-99	2-E28-13	7.50	pCi/L
Technetium-99	2-E28-16	42.60	pCi/L
Technetium-99	2-E28-18	7.50	pCi/L
Technetium-99	2-E28-19	7.50	pCi/L

Constituent	Well	Average	Units
Technetium-99	2-E28-21	7.50	pCi/L
Technetium-99	2-E28-23	88.30	pCi/L
Technetium-99	2-E28-26	7.50	pCi/L
Technetium-99	2-E28-27	91.05	pCi/L
Technetium-99	2-E28-28	7.50	pCi/L
Technetium-99	2-E28-7	92.43	pCi/L
Technetium-99	2-E32-1	110.00	pCi/L
Technetium-99	2-E32-2	85.17	pCi/L
Technetium-99	2-E32-3	63.98	pCi/L
Technetium-99	2-E32-4	7.50	pCi/L
Technetium-99	2-E32-5	18.88	pCi/L
Technetium-99	2-E33-1	601.50	pCi/L
Technetium-99	2-E33-13	911.67	pCi/L
Technetium-99	2-E33-14	42.75	pCi/L
Technetium-99	2-E33-15	7.50	pCi/L
Technetium-99	2-E33-18	52.75	pCi/L
Technetium-99	2-E33-20	27.43	pCi/L
Technetium-99	2-E33-21	83.85	pCi/L
Technetium-99	2-E33-24	865.00	pCi/L
Technetium-99	2-E33-26	656.67	pCi/L
Technetium-99	2-E33-28	45.71	pCi/L
Technetium-99	2-E33-29	42.37	pCi/L
Technetium-99	2-E33-3	325.10	pCi/L
Technetium-99	2-E33-30	50.45	pCi/L
Technetium-99	2-E33-31	265.56	pCi/L
Technetium-99	2-E33-32	25.44	pCi/L
Technetium-99	2-E33-33	7.50	pCi/L
Technetium-99	2-E33-34	648.88	pCi/L
Technetium-99	2-E33-35	240.00	pCi/L
Technetium-99	2-E33-37	7.50	pCi/L
Technetium-99	2-E33-38	670.00	pCi/L
Technetium-99	2-E33-39	38.75	pCi/L
Technetium-99	2-E33-4	640.00	pCi/L
Technetium-99	2-E33-41	10066.00	pCi/L
Technetium-99	2-E33-42	2825.50	pCi/L
Technetium-99	2-E33-43	1398.35	pCi/L
Technetium-99	2-E33-5	863.33	pCi/L
Technetium-99	2-E33-7	2152.86	pCi/L
Technetium-99	2-E33-8	343.00	pCi/L
Technetium-99	2-E34-1	7.50	pCi/L
Technetium-99	2-E34-2	7.50	pCi/L
Technetium-99	2-E34-3	7.50	pCi/L
Technetium-99	2-E34-5	7.50	pCi/L
Technetium-99	2-E34-6	7.50	pCi/L
Technetium-99	2-E34-7	7.50	pCi/L

Constituent	Well	Average	Units
Technetium-99	2-E34-8	20.30	pCi/L
Technetium-99	2-E35-1	7.50	pCi/L
Technetium-99	2-W10-1	507.00	pCi/L
Technetium-99	2-W10-13	7.50	pCi/L
Technetium-99	2-W10-14	7.50	pCi/L
Technetium-99	2-W10-15	332.33	pCi/L
Technetium-99	2-W10-16	113.42	pCi/L
Technetium-99	2-W10-17	119.58	pCi/L
Technetium-99	2-W10-18	41.08	pCi/L
Technetium-99	2-W10-4	199.00	pCi/L
Technetium-99	2-W10-9	309.50	pCi/L
Technetium-99	2-W11-18	220.63	pCi/L
Technetium-99	2-W14-10	7.50	pCi/L
Technetium-99	2-W14-2	483.33	pCi/L
Technetium-99	2-W14-6	43.20	pCi/L
Technetium-99	2-W15-10	42.00	pCi/L
Technetium-99	2-W15-11	7.50	pCi/L
Technetium-99	2-W15-15	7.50	pCi/L
Technetium-99	2-W15-16	7.50	pCi/L
Technetium-99	2-W15-17	7.50	pCi/L
Technetium-99	2-W15-18	7.50	pCi/L
Technetium-99	2-W15-19	22.93	pCi/L
Technetium-99	2-W15-20	7.50	pCi/L
Technetium-99	2-W15-22	110.18	pCi/L
Technetium-99	2-W15-23	7.50	pCi/L
Technetium-99	2-W15-24	7.50	pCi/L
Technetium-99	2-W15-4	41.10	pCi/L
Technetium-99	2-W15-6	7.50	pCi/L
Technetium-99	2-W15-7	7.50	pCi/L
Technetium-99	2-W15-8	406.00	pCi/L
Technetium-99	2-W18-15	7.50	pCi/L
Technetium-99	2-W18-17	7.50	pCi/L
Technetium-99	2-W18-20	7.50	pCi/L
Technetium-99	2-W18-21	7.50	pCi/L
Technetium-99	2-W18-22	7.50	pCi/L
Technetium-99	2-W18-23	7.50	pCi/L
Technetium-99	2-W18-24	7.50	pCi/L
Technetium-99	2-W18-25	7.50	pCi/L
Technetium-99	2-W18-26	7.50	pCi/L
Technetium-99	2-W18-3	7.50	pCi/L
Technetium-99	2-W18-5	7.50	pCi/L
Technetium-99	2-W19-1	33.67	pCi/L
Technetium-99	2-W19-11	1768.33	pCi/L
Technetium-99	2-W19-12	1117.67	pCi/L
Technetium-99	2-W19-13	110.00	pCi/L

Constituent	Well	Average	Units
Technetium-99	2-W19-14	38.70	pCi/L
Technetium-99	2-W19-15	713.13	pCi/L
Technetium-99	2-W19-16	976.55	pCi/L
Technetium-99	2-W19-17	139.62	pCi/L
Technetium-99	2-W19-18	4279.92	pCi/L
Technetium-99	2-W19-19	13741.25	pCi/L
Technetium-99	2-W19-20	13947.06	pCi/L
Technetium-99	2-W19-23	1270.27	pCi/L
Technetium-99	2-W19-24	26601.60	pCi/L
Technetium-99	2-W19-25	20057.86	pCi/L
Technetium-99	2-W19-26	3077.78	pCi/L
Technetium-99	2-W19-28	7315.00	pCi/L
Technetium-99	2-W19-29	5330.00	pCi/L
Technetium-99	2-W19-3	927.31	pCi/L
Technetium-99	2-W19-30	2800.00	pCi/L
Technetium-99	2-W19-31	184.90	pCi/L
Technetium-99	2-W19-32	460.33	pCi/L
Technetium-99	2-W19-5	94.95	pCi/L
Technetium-99	2-W19-9	511.00	pCi/L
Technetium-99	2-W22-12	7.50	pCi/L
Technetium-99	2-W22-18	65.95	pCi/L
Technetium-99	2-W22-20	121.46	pCi/L
Technetium-99	2-W22-21	637.00	pCi/L
Technetium-99	2-W22-22	7.50	pCi/L
Technetium-99	2-W22-26	26.10	pCi/L
Technetium-99	2-W22-39	444.75	pCi/L
Technetium-99	2-W22-40	15.90	pCi/L
Technetium-99	2-W22-41	94.57	pCi/L
Technetium-99	2-W22-42	137.67	pCi/L
Technetium-99	2-W23-10	7.50	pCi/L
Technetium-99	2-W23-11	7.50	pCi/L
Technetium-99	2-W23-13	7.50	pCi/L
Technetium-99	2-W23-14	7.50	pCi/L
Technetium-99	2-W23-2	2760.82	pCi/L
Technetium-99	2-W23-7	2203.78	pCi/L
Technetium-99	2-W23-9	53.35	pCi/L
Technetium-99	2-W26-6	7.50	pCi/L
Technetium-99	2-W27-1	7.50	pCi/L
Technetium-99	2-W6-2	5233.56	pCi/L
Technetium-99	2-W6-4	48.60	pCi/L
Technetium-99	2-W6-5	158.00	pCi/L
Technetium-99	2-W6-6	7.50	pCi/L
Technetium-99	2-W6-7	116.50	pCi/L
Technetium-99	2-W6-8	7.50	pCi/L
Technetium-99	2-W7-1	7.50	pCi/L

Constituent	Well	Average	Units
Technetium-99	2-W7-10	7.50	pCi/L
Technetium-99	2-W7-11	2159.76	pCi/L
Technetium-99	2-W7-12	7.50	pCi/L
Technetium-99	2-W7-2	91.56	pCi/L
Technetium-99	2-W7-3	7139.98	pCi/L
Technetium-99	2-W7-4	60.24	pCi/L
Technetium-99	2-W7-5	25.78	pCi/L
Technetium-99	2-W7-6	7.50	pCi/L
Technetium-99	2-W7-7	7.50	pCi/L
Technetium-99	2-W7-8	7.50	pCi/L
Technetium-99	2-W7-9	7.50	pCi/L
Technetium-99	2-W8-1	7.50	pCi/L
Technetium-99	2-W9-1	7.50	pCi/L
Technetium-99	6-20-20	79.30	pCi/L
Technetium-99	6-20-39	7.50	pCi/L
Technetium-99	6-24-33	7.50	pCi/L
Technetium-99	6-24-46	7.50	pCi/L
Technetium-99	6-25-55	7.50	pCi/L
Technetium-99	6-25-70	7.50	pCi/L
Technetium-99	6-28-40P	7.50	pCi/L
Technetium-99	6-29-78	7.50	pCi/L
Technetium-99	6-31-31	7.50	pCi/L
Technetium-99	6-31-31P	7.50	pCi/L
Technetium-99	6-32-22	181.03	pCi/L
Technetium-99	6-32-43	50.85	pCi/L
Technetium-99	6-32-70B	172.78	pCi/L
Technetium-99	6-32-72	51.85	pCi/L
Technetium-99	6-32-77	7.50	pCi/L
Technetium-99	6-33-42	16.00	pCi/L
Technetium-99	6-33-56	7.50	pCi/L
Technetium-99	6-34-39A	7.50	pCi/L
Technetium-99	6-34-42	7.50	pCi/L
Technetium-99	6-34-51	31.60	pCi/L
Technetium-99	6-35-66	32.11	pCi/L
Technetium-99	6-35-70	80.39	pCi/L
Technetium-99	6-35-78A	7.50	pCi/L
Technetium-99	6-36-46P	7.50	pCi/L
Technetium-99	6-36-46Q	7.50	pCi/L
Technetium-99	6-36-46R	7.50	pCi/L
Technetium-99	6-36-61A	7.50	pCi/L
Technetium-99	6-36-93	7.50	pCi/L
Technetium-99	6-37-82A	7.50	pCi/L
Technetium-99	6-38-65	40.63	pCi/L
Technetium-99	6-38-70	3153.68	pCi/L
Technetium-99	6-39-39	7.50	pCi/L

Constituent	Well	Average	Units
Technetium-99	6-39-79	7.50	pCi/L
Technetium-99	6-40-33A	31.51	pCi/L
Technetium-99	6-40-62	7.50	pCi/L
Technetium-99	6-41-23	46.45	pCi/L
Technetium-99	6-42-40B	7.50	pCi/L
Technetium-99	6-44-43B	7.50	pCi/L
Technetium-99	6-44-64	109.00	pCi/L
Technetium-99	6-45-42	7.50	pCi/L
Technetium-99	6-45-69A	7.50	pCi/L
Technetium-99	6-46-21B	7.50	pCi/L
Technetium-99	6-47-35A	7.50	pCi/L
Technetium-99	6-47-46A	7.50	pCi/L
Technetium-99	6-47-60	7.50	pCi/L
Technetium-99	6-48-18	7.50	pCi/L
Technetium-99	6-48-50	7.50	pCi/L
Technetium-99	6-48-71	7.50	pCi/L
Technetium-99	6-49-100C	7.50	pCi/L
Technetium-99	6-49-28	7.50	pCi/L
Technetium-99	6-49-55A	3120.56	pCi/L
Technetium-99	6-49-57A	702.00	pCi/L
Technetium-99	6-49-79	7.50	pCi/L
Technetium-99	6-50-42	7.50	pCi/L
Technetium-99	6-50-48B	7.50	pCi/L
Technetium-99	6-50-53A	19169.10	pCi/L
Technetium-99	6-50-85	7.50	pCi/L
Technetium-99	6-51-63	7.50	pCi/L
Technetium-99	6-51-75	7.50	pCi/L
Technetium-99	6-52-54	1000.67	pCi/L
Technetium-99	6-52-57	18.55	pCi/L
Technetium-99	6-53-103	7.50	pCi/L
Technetium-99	6-53-47A	7.50	pCi/L
Technetium-99	6-53-48A	7.50	pCi/L
Technetium-99	6-53-48B	7.50	pCi/L
Technetium-99	6-53-55A	22.20	pCi/L
Technetium-99	6-54-34	7.50	pCi/L
Technetium-99	6-55-50A	7.50	pCi/L
Technetium-99	6-55-50C	19.11	pCi/L
Technetium-99	6-55-55	51.20	pCi/L
Technetium-99	6-55-57	2325.00	pCi/L
Technetium-99	6-55-76	7.50	pCi/L
Technetium-99	6-55-89	7.50	pCi/L
Technetium-99	6-57-29A	7.50	pCi/L
Technetium-99	6-59-58	22.10	pCi/L
Technetium-99	6-60-60	100.85	pCi/L
Technetium-99	6-61-37	7.50	pCi/L

Constituent	Well	Average	Units
Technetium-99	6-61-41	7.50	pCi/L
Technetium-99	6-61-62	491.73	pCi/L
Technetium-99	6-61-66	7.50	pCi/L
Technetium-99	6-62-31	7.50	pCi/L
Technetium-99	6-63-25A	7.50	pCi/L
Technetium-99	6-63-55	87.15	pCi/L
Technetium-99	6-63-58	205.00	pCi/L
Technetium-99	6-63-90	7.50	pCi/L
Technetium-99	6-64-62	475.75	pCi/L
Technetium-99	6-65-50	58.50	pCi/L
Technetium-99	6-65-59A	272.84	pCi/L
Technetium-99	6-65-72	34.60	pCi/L
Technetium-99	6-65-83	7.50	pCi/L
Technetium-99	6-66-23	7.50	pCi/L
Technetium-99	6-66-38	7.50	pCi/L
Technetium-99	6-66-39	7.50	pCi/L
Technetium-99	6-66-58	57.38	pCi/L
Technetium-99	6-66-64	301.30	pCi/L
Technetium-99	6-67-51	24.00	pCi/L
Technetium-99	6-67-86	7.50	pCi/L
Trichloroethylene	1-B4-2	5.00	ppb
Trichloroethylene	1-B4-4	2.50	ppb
Trichloroethylene	1-B9-1	2.50	ppb
Trichloroethylene	2-E13-14	5.00	ppb
Trichloroethylene	2-E13-5	5.00	ppb
Trichloroethylene	2-E16-2	5.00	ppb
Trichloroethylene	2-E17-1	5.00	ppb
Trichloroethylene	2-E17-12	5.00	ppb
Trichloroethylene	2-E17-13	5.00	ppb
Trichloroethylene	2-E17-14	5.00	ppb
Trichloroethylene	2-E17-15	5.00	ppb
Trichloroethylene	2-E17-16	5.00	ppb
Trichloroethylene	2-E17-17	5.00	ppb
Trichloroethylene	2-E17-18	5.00	ppb
Trichloroethylene	2-E17-19	5.00	ppb
Trichloroethylene	2-E17-20	5.00	ppb
Trichloroethylene	2-E17-5	5.00	ppb
Trichloroethylene	2-E17-6	5.00	ppb
Trichloroethylene	2-E17-9	5.00	ppb
Trichloroethylene	2-E18-1	5.00	ppb
Trichloroethylene	2-E18-2	5.00	ppb
Trichloroethylene	2-E18-3	5.00	ppb
Trichloroethylene	2-E18-4	5.00	ppb

Constituent	Well	Average	Units
Trichloroethylene	2-E23-1	5.00	ppb
Trichloroethylene	2-E24-16	5.00	ppb
Trichloroethylene	2-E24-17	5.00	ppb
Trichloroethylene	2-E24-18	5.00	ppb
Trichloroethylene	2-E24-19	2.50	ppb
Trichloroethylene	2-E24-2	5.00	ppb
Trichloroethylene	2-E24-7	5.00	ppb
Trichloroethylene	2-E25-11	5.00	ppb
Trichloroethylene	2-E25-13	5.00	ppb
Trichloroethylene	2-E25-17	5.00	ppb
Trichloroethylene	2-E25-18	5.00	ppb
Trichloroethylene	2-E25-19	5.00	ppb
Trichloroethylene	2-E25-20	5.00	ppb
Trichloroethylene	2-E25-21	5.00	ppb
Trichloroethylene	2-E25-22	5.00	ppb
Trichloroethylene	2-E25-23	5.00	ppb
Trichloroethylene	2-E25-24	5.00	ppb
Trichloroethylene	2-E25-25	5.00	ppb
Trichloroethylene	2-E25-26	5.00	ppb
Trichloroethylene	2-E25-28	5.00	ppb
Trichloroethylene	2-E25-29P	5.00	ppb
Trichloroethylene	2-E25-30P	5.00	ppb
Trichloroethylene	2-E25-31	5.00	ppb
Trichloroethylene	2-E25-32P	5.00	ppb
Trichloroethylene	2-E25-33	5.00	ppb
Trichloroethylene	2-E25-34	5.00	ppb
Trichloroethylene	2-E25-35	5.00	ppb
Trichloroethylene	2-E25-36	5.00	ppb
Trichloroethylene	2-E25-37	5.00	ppb
Trichloroethylene	2-E25-38	5.00	ppb
Trichloroethylene	2-E25-39	5.00	ppb
Trichloroethylene	2-E25-41	5.00	ppb
Trichloroethylene	2-E25-6	5.00	ppb
Trichloroethylene	2-E25-9	5.00	ppb
Trichloroethylene	2-E26-11	5.00	ppb
Trichloroethylene	2-E26-5	5.00	ppb
Trichloroethylene	2-E26-9	5.00	ppb
Trichloroethylene	2-E27-10	5.00	ppb
Trichloroethylene	2-E27-11	5.00	ppb
Trichloroethylene	2-E27-15	5.00	ppb
Trichloroethylene	2-E27-16	5.00	ppb
Trichloroethylene	2-E27-8	5.00	ppb
Trichloroethylene	2-E27-9	5.00	ppb
Trichloroethylene	2-E28-12	5.00	ppb
Trichloroethylene	2-E28-13	5.00	ppb

Constituent	Well	Average	Units
Trichloroethylene	2-E28-18	5.00	ppb
Trichloroethylene	2-E28-21	5.00	ppb
Trichloroethylene	2-E28-23	5.00	ppb
Trichloroethylene	2-E28-26	5.00	ppb
Trichloroethylene	2-E28-27	2.50	ppb
Trichloroethylene	2-E28-28	5.00	ppb
Trichloroethylene	2-E28-7	5.00	ppb
Trichloroethylene	2-E32-1	5.00	ppb
Trichloroethylene	2-E32-2	5.00	ppb
Trichloroethylene	2-E32-3	5.00	ppb
Trichloroethylene	2-E32-4	5.00	ppb
Trichloroethylene	2-E32-5	5.00	ppb
Trichloroethylene	2-E33-1	5.00	ppb
Trichloroethylene	2-E33-13	5.00	ppb
Trichloroethylene	2-E33-14	5.00	ppb
Trichloroethylene	2-E33-15	5.00	ppb
Trichloroethylene	2-E33-18	5.00	ppb
Trichloroethylene	2-E33-24	5.00	ppb
Trichloroethylene	2-E33-26	5.00	ppb
Trichloroethylene	2-E33-28	5.00	ppb
Trichloroethylene	2-E33-29	5.00	ppb
Trichloroethylene	2-E33-3	5.00	ppb
Trichloroethylene	2-E33-30	5.00	ppb
Trichloroethylene	2-E33-31	5.00	ppb
Trichloroethylene	2-E33-32	5.00	ppb
Trichloroethylene	2-E33-33	5.00	ppb
Trichloroethylene	2-E33-34	5.00	ppb
Trichloroethylene	2-E33-35	5.00	ppb
Trichloroethylene	2-E33-36	5.00	ppb
Trichloroethylene	2-E33-37	5.00	ppb
Trichloroethylene	2-E33-38	5.00	ppb
Trichloroethylene	2-E33-39	5.00	ppb
Trichloroethylene	2-E33-4	5.00	ppb
Trichloroethylene	2-E33-41	5.00	ppb
Trichloroethylene	2-E33-5	5.00	ppb
Trichloroethylene	2-E33-7	5.00	ppb
Trichloroethylene	2-E34-1	5.00	ppb
Trichloroethylene	2-E34-2	5.00	ppb
Trichloroethylene	2-E34-3	5.00	ppb
Trichloroethylene	2-E34-5	5.00	ppb
Trichloroethylene	2-E34-6	5.00	ppb
Trichloroethylene	2-E34-7	5.00	ppb
Trichloroethylene	2-E34-8	5.00	ppb
Trichloroethylene	2-E35-1	5.00	ppb
Trichloroethylene	2-W10-13	5.00	ppb

Constituent	Well	Average	Units
Trichloroethylene	2-W10-14	5.00	ppb
Trichloroethylene	2-W10-16	8.20	ppb
Trichloroethylene	2-W10-17	2.50	ppb
Trichloroethylene	2-W10-18	5.00	ppb
Trichloroethylene	2-W10-4	24.33	ppb
Trichloroethylene	2-W10-8	5.00	ppb
Trichloroethylene	2-W10-9	17.00	ppb
Trichloroethylene	2-W11-14	2.50	ppb
Trichloroethylene	2-W11-23	5.00	ppb
Trichloroethylene	2-W11-7	6.50	ppb
Trichloroethylene	2-W14-10	5.00	ppb
Trichloroethylene	2-W14-2	9.00	ppb
Trichloroethylene	2-W14-5	5.00	ppb
Trichloroethylene	2-W14-6	5.00	ppb
Trichloroethylene	2-W15-10	7.50	ppb
Trichloroethylene	2-W15-11	10.00	ppb
Trichloroethylene	2-W15-12	8.67	ppb
Trichloroethylene	2-W15-15	5.00	ppb
Trichloroethylene	2-W15-16	10.60	ppb
Trichloroethylene	2-W15-17	5.00	ppb
Trichloroethylene	2-W15-18	2.50	ppb
Trichloroethylene	2-W15-19	5.00	ppb
Trichloroethylene	2-W15-20	5.00	ppb
Trichloroethylene	2-W15-22	2.50	ppb
Trichloroethylene	2-W15-23	5.00	ppb
Trichloroethylene	2-W15-24	5.00	ppb
Trichloroethylene	2-W15-4	11.50	ppb
Trichloroethylene	2-W15-7	9.00	ppb
Trichloroethylene	2-W15-8	2.50	ppb
Trichloroethylene	2-W18-15	5.00	ppb
Trichloroethylene	2-W18-17	7.50	ppb
Trichloroethylene	2-W18-20	5.00	ppb
Trichloroethylene	2-W18-21	5.00	ppb
Trichloroethylene	2-W18-22	5.00	ppb
Trichloroethylene	2-W18-23	5.00	ppb
Trichloroethylene	2-W18-24	5.68	ppb
Trichloroethylene	2-W18-25	5.00	ppb
Trichloroethylene	2-W18-26	5.00	ppb
Trichloroethylene	2-W18-4	5.00	ppb
Trichloroethylene	2-W18-5	2.50	ppb
Trichloroethylene	2-W18-9	5.00	ppb
Trichloroethylene	2-W19-1	5.00	ppb
Trichloroethylene	2-W19-11	5.00	ppb
Trichloroethylene	2-W19-12	5.00	ppb
Trichloroethylene	2-W19-13	5.00	ppb

Constituent	Well	Average	Units
Trichloroethylene	2-W19-15	5.00	ppb
Trichloroethylene	2-W19-16	2.50	ppb
Trichloroethylene	2-W19-18	5.00	ppb
Trichloroethylene	2-W19-19	5.00	ppb
Trichloroethylene	2-W19-2	5.00	ppb
Trichloroethylene	2-W19-20	2.50	ppb
Trichloroethylene	2-W19-21	5.00	ppb
Trichloroethylene	2-W19-23	2.50	ppb
Trichloroethylene	2-W19-24	2.50	ppb
Trichloroethylene	2-W19-25	2.50	ppb
Trichloroethylene	2-W19-26	2.50	ppb
Trichloroethylene	2-W19-27	5.00	ppb
Trichloroethylene	2-W19-28	2.50	ppb
Trichloroethylene	2-W19-29	5.57	ppb
Trichloroethylene	2-W19-3	5.00	ppb
Trichloroethylene	2-W19-30	5.00	ppb
Trichloroethylene	2-W19-31	5.00	ppb
Trichloroethylene	2-W19-5	5.00	ppb
Trichloroethylene	2-W19-9	2.50	ppb
Trichloroethylene	2-W22-1	5.00	ppb
Trichloroethylene	2-W22-12	5.00	ppb
Trichloroethylene	2-W22-20	32.20	ppb
Trichloroethylene	2-W22-21	5.00	ppb
Trichloroethylene	2-W22-22	5.00	ppb
Trichloroethylene	2-W22-26	5.00	ppb
Trichloroethylene	2-W22-39	5.00	ppb
Trichloroethylene	2-W22-40	5.00	ppb
Trichloroethylene	2-W22-41	5.00	ppb
Trichloroethylene	2-W22-42	5.00	ppb
Trichloroethylene	2-W23-10	5.00	ppb
Trichloroethylene	2-W23-11	5.00	ppb
Trichloroethylene	2-W23-14	5.00	ppb
Trichloroethylene	2-W23-9	5.00	ppb
Trichloroethylene	2-W26-10	5.00	ppb
Trichloroethylene	2-W26-12	5.00	ppb
Trichloroethylene	2-W26-6	5.00	ppb
Trichloroethylene	2-W26-7	5.00	ppb
Trichloroethylene	2-W26-8	5.00	ppb
Trichloroethylene	2-W26-9	5.00	ppb
Trichloroethylene	2-W27-1	5.00	ppb
Trichloroethylene	2-W6-2	2.50	ppb
Trichloroethylene	2-W6-4	2.50	ppb
Trichloroethylene	2-W6-5	5.00	ppb
Trichloroethylene	2-W6-6	5.00	ppb
Trichloroethylene	2-W6-7	2.50	ppb

Constituent	Well	Average	Units
Trichloroethylene	2-W6-8	5.00	ppb
Trichloroethylene	2-W7-1	5.00	ppb
Trichloroethylene	2-W7-10	5.00	ppb
Trichloroethylene	2-W7-11	5.00	ppb
Trichloroethylene	2-W7-12	5.00	ppb
Trichloroethylene	2-W7-2	5.00	ppb
Trichloroethylene	2-W7-3	5.00	ppb
Trichloroethylene	2-W7-4	5.00	ppb
Trichloroethylene	2-W7-5	5.00	ppb
Trichloroethylene	2-W7-6	5.00	ppb
Trichloroethylene	2-W7-7	5.14	ppb
Trichloroethylene	2-W7-8	5.00	ppb
Trichloroethylene	2-W7-9	5.00	ppb
Trichloroethylene	2-W8-1	5.00	ppb
Trichloroethylene	2-W9-1	5.00	ppb
Trichloroethylene	6-20-39	5.00	ppb
Trichloroethylene	6-23-34	5.22	ppb
Trichloroethylene	6-24-33	2.50	ppb
Trichloroethylene	6-24-34A	2.50	ppb
Trichloroethylene	6-24-34B	2.50	ppb
Trichloroethylene	6-24-34C	2.50	ppb
Trichloroethylene	6-24-35	2.50	ppb
Trichloroethylene	6-24-46	5.00	ppb
Trichloroethylene	6-25-33A	2.50	ppb
Trichloroethylene	6-25-34A	2.50	ppb
Trichloroethylene	6-25-34B	2.50	ppb
Trichloroethylene	6-25-34C	2.50	ppb
Trichloroethylene	6-26-33	2.50	ppb
Trichloroethylene	6-26-34	2.50	ppb
Trichloroethylene	6-26-35A	2.50	ppb
Trichloroethylene	6-26-35C	2.50	ppb
Trichloroethylene	6-28-40P	5.00	ppb
Trichloroethylene	6-29-78	5.00	ppb
Trichloroethylene	6-31-31P	12.00	ppb
Trichloroethylene	6-32-70B	5.00	ppb
Trichloroethylene	6-32-72	5.00	ppb
Trichloroethylene	6-32-77	5.00	ppb
Trichloroethylene	6-34-42	5.00	ppb
Trichloroethylene	6-35-66	5.00	ppb
Trichloroethylene	6-35-70	5.00	ppb
Trichloroethylene	6-36-61A	5.00	ppb
Trichloroethylene	6-37-82A	5.00	ppb
Trichloroethylene	6-38-70	2.50	ppb
Trichloroethylene	6-39-39	5.00	ppb
Trichloroethylene	6-39-79	5.00	ppb

Constituent	Well	Average	Units
Trichloroethylene	6-40-62	5.00	ppb
Trichloroethylene	6-42-40A	5.00	ppb
Trichloroethylene	6-42-40B	5.00	ppb
Trichloroethylene	6-42-42B	5.00	ppb
Trichloroethylene	6-43-41E	5.00	ppb
Trichloroethylene	6-43-41F	5.00	ppb
Trichloroethylene	6-43-42J	5.00	ppb
Trichloroethylene	6-43-43	5.00	ppb
Trichloroethylene	6-43-45	5.00	ppb
Trichloroethylene	6-43-88	5.00	ppb
Trichloroethylene	6-44-42	5.00	ppb
Trichloroethylene	6-44-43B	5.00	ppb
Trichloroethylene	6-44-64	5.00	ppb
Trichloroethylene	6-45-42	5.00	ppb
Trichloroethylene	6-45-69A	5.00	ppb
Trichloroethylene	6-47-46A	5.00	ppb
Trichloroethylene	6-47-60	5.00	ppb
Trichloroethylene	6-48-18	2.50	ppb
Trichloroethylene	6-48-50	5.00	ppb
Trichloroethylene	6-48-71	5.00	ppb
Trichloroethylene	6-49-100C	5.00	ppb
Trichloroethylene	6-49-55A	5.00	ppb
Trichloroethylene	6-49-57A	5.00	ppb
Trichloroethylene	6-49-79	5.00	ppb
Trichloroethylene	6-50-53A	5.00	ppb
Trichloroethylene	6-50-85	5.00	ppb
Trichloroethylene	6-52-54	5.00	ppb
Trichloroethylene	6-52-57	5.00	ppb
Trichloroethylene	6-53-47A	5.00	ppb
Trichloroethylene	6-53-55A	5.00	ppb
Trichloroethylene	6-55-50C	5.00	ppb
Trichloroethylene	6-55-55	5.00	ppb
Trichloroethylene	6-55-57	5.00	ppb
Trichloroethylene	6-55-70	5.00	ppb
Trichloroethylene	6-55-76	2.50	ppb
Trichloroethylene	6-60-60	5.00	ppb
Trichloroethylene	6-65-72	5.00	ppb
Trichloroethylene	6-65-83	5.00	ppb
Trichloroethylene	6-66-23	2.50	ppb
Trichloroethylene	6-67-86	5.00	ppb
Tritium	1-B4-2	3.11	nanoCi/L
Tritium	1-B4-3	11.93	nanoCi/L
Tritium	1-B4-4	2.55	nanoCi/L

Constituent	Well	Average	Units
Tritium	1-B5-1	1.89	nanoCi/L
Tritium	1-B9-1	2.22	nanoCi/L
Tritium	2-E13-14	.25	nanoCi/L
Tritium	2-E13-19	.25	nanoCi/L
Tritium	2-E13-5	.25	nanoCi/L
Tritium	2-E13-8	.25	nanoCi/L
Tritium	2-E16-2	2.71	nanoCi/L
Tritium	2-E17-1	3662.00	nanoCi/L
Tritium	2-E17-12	1533.80	nanoCi/L
Tritium	2-E17-13	1160.20	nanoCi/L
Tritium	2-E17-14	1847.63	nanoCi/L
Tritium	2-E17-15	1098.03	nanoCi/L
Tritium	2-E17-16	279.90	nanoCi/L
Tritium	2-E17-17	692.50	nanoCi/L
Tritium	2-E17-18	219.97	nanoCi/L
Tritium	2-E17-19	1316.20	nanoCi/L
Tritium	2-E17-2	44.73	nanoCi/L
Tritium	2-E17-20	3008.18	nanoCi/L
Tritium	2-E17-5	1130.73	nanoCi/L
Tritium	2-E17-6	30.71	nanoCi/L
Tritium	2-E17-8	3575.71	nanoCi/L
Tritium	2-E17-9	4126.47	nanoCi/L
Tritium	2-E18-1	.25	nanoCi/L
Tritium	2-E18-2	.25	nanoCi/L
Tritium	2-E18-3	.64	nanoCi/L
Tritium	2-E18-4	.61	nanoCi/L
Tritium	2-E23-1	646.33	nanoCi/L
Tritium	2-E24-1	3707.50	nanoCi/L
Tritium	2-E24-11	4270.00	nanoCi/L
Tritium	2-E24-12	270.59	nanoCi/L
Tritium	2-E24-13	4.75	nanoCi/L
Tritium	2-E24-16	2211.43	nanoCi/L
Tritium	2-E24-17	2034.86	nanoCi/L
Tritium	2-E24-18	999.29	nanoCi/L
Tritium	2-E24-19	4.20	nanoCi/L
Tritium	2-E24-2	2045.54	nanoCi/L
Tritium	2-E24-20	6.27	nanoCi/L
Tritium	2-E24-4	8.36	nanoCi/L
Tritium	2-E24-7	1174.50	nanoCi/L
Tritium	2-E24-8	972.25	nanoCi/L
Tritium	2-E25-11	429.34	nanoCi/L
Tritium	2-E25-13	36.75	nanoCi/L
Tritium	2-E25-17	360.06	nanoCi/L
Tritium	2-E25-18	403.38	nanoCi/L
Tritium	2-E25-19	2368.50	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-E25-2	7.27	nanoCi/L
Tritium	2-E25-20	983.58	nanoCi/L
Tritium	2-E25-21	4.12	nanoCi/L
Tritium	2-E25-22	6.71	nanoCi/L
Tritium	2-E25-23	.25	nanoCi/L
Tritium	2-E25-24	.25	nanoCi/L
Tritium	2-E25-25	.25	nanoCi/L
Tritium	2-E25-26	2.55	nanoCi/L
Tritium	2-E25-27	3.45	nanoCi/L
Tritium	2-E25-28	2.09	nanoCi/L
Tritium	2-E25-29P	58.95	nanoCi/L
Tritium	2-E25-3	6.15	nanoCi/L
Tritium	2-E25-30P	1.06	nanoCi/L
Tritium	2-E25-31	16.06	nanoCi/L
Tritium	2-E25-32P	.93	nanoCi/L
Tritium	2-E25-33	29.20	nanoCi/L
Tritium	2-E25-34	1.55	nanoCi/L
Tritium	2-E25-35	59.72	nanoCi/L
Tritium	2-E25-36	7.09	nanoCi/L
Tritium	2-E25-37	1.39	nanoCi/L
Tritium	2-E25-38	6.09	nanoCi/L
Tritium	2-E25-39	3.07	nanoCi/L
Tritium	2-E25-40	10.77	nanoCi/L
Tritium	2-E25-41	5.02	nanoCi/L
Tritium	2-E25-42	24.80	nanoCi/L
Tritium	2-E25-43	1.57	nanoCi/L
Tritium	2-E25-6	6.35	nanoCi/L
Tritium	2-E25-9	29.05	nanoCi/L
Tritium	2-E26-1	14.87	nanoCi/L
Tritium	2-E26-10	1.52	nanoCi/L
Tritium	2-E26-11	2.12	nanoCi/L
Tritium	2-E26-12	.79	nanoCi/L
Tritium	2-E26-13	.25	nanoCi/L
Tritium	2-E26-2	2.42	nanoCi/L
Tritium	2-E26-3	4.40	nanoCi/L
Tritium	2-E26-4	23.49	nanoCi/L
Tritium	2-E26-6	2.63	nanoCi/L
Tritium	2-E26-9	.25	nanoCi/L
Tritium	2-E27-1	1.31	nanoCi/L
Tritium	2-E27-10	7.52	nanoCi/L
Tritium	2-E27-11	8.60	nanoCi/L
Tritium	2-E27-12	2.02	nanoCi/L
Tritium	2-E27-13	1.05	nanoCi/L
Tritium	2-E27-14	.87	nanoCi/L
Tritium	2-E27-15	1.01	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-E27-16	.25	nanoCi/L
Tritium	2-E27-5	4.58	nanoCi/L
Tritium	2-E27-7	1.01	nanoCi/L
Tritium	2-E27-8	9.72	nanoCi/L
Tritium	2-E27-9	10.98	nanoCi/L
Tritium	2-E28-1	6.64	nanoCi/L
Tritium	2-E28-11	.25	nanoCi/L
Tritium	2-E28-12	122.58	nanoCi/L
Tritium	2-E28-13	8.75	nanoCi/L
Tritium	2-E28-15	7.05	nanoCi/L
Tritium	2-E28-17	73.80	nanoCi/L
Tritium	2-E28-18	71.31	nanoCi/L
Tritium	2-E28-21	69.46	nanoCi/L
Tritium	2-E28-23	6.84	nanoCi/L
Tritium	2-E28-24	64.87	nanoCi/L
Tritium	2-E28-25	6.28	nanoCi/L
Tritium	2-E28-26	71.88	nanoCi/L
Tritium	2-E28-27	221.41	nanoCi/L
Tritium	2-E28-28	23.35	nanoCi/L
Tritium	2-E28-5	2.18	nanoCi/L
Tritium	2-E28-7	6.90	nanoCi/L
Tritium	2-E28-9	16.50	nanoCi/L
Tritium	2-E32-1	33.00	nanoCi/L
Tritium	2-E32-2	156.96	nanoCi/L
Tritium	2-E32-3	264.48	nanoCi/L
Tritium	2-E32-4	8.60	nanoCi/L
Tritium	2-E32-5	185.71	nanoCi/L
Tritium	2-E33-1	4.95	nanoCi/L
Tritium	2-E33-13	5.86	nanoCi/L
Tritium	2-E33-14	.25	nanoCi/L
Tritium	2-E33-15	3.88	nanoCi/L
Tritium	2-E33-18	5.06	nanoCi/L
Tritium	2-E33-20	4.81	nanoCi/L
Tritium	2-E33-21	2.20	nanoCi/L
Tritium	2-E33-24	15.10	nanoCi/L
Tritium	2-E33-26	7.93	nanoCi/L
Tritium	2-E33-27	4.70	nanoCi/L
Tritium	2-E33-28	2.50	nanoCi/L
Tritium	2-E33-29	4.62	nanoCi/L
Tritium	2-E33-3	3.89	nanoCi/L
Tritium	2-E33-30	5.23	nanoCi/L
Tritium	2-E33-31	2.84	nanoCi/L
Tritium	2-E33-32	2.53	nanoCi/L
Tritium	2-E33-33	3.28	nanoCi/L
Tritium	2-E33-34	6.43	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-E33-35	2.73	nanoCi/L
Tritium	2-E33-36	2.90	nanoCi/L
Tritium	2-E33-37	2.43	nanoCi/L
Tritium	2-E33-38	4.43	nanoCi/L
Tritium	2-E33-39	.75	nanoCi/L
Tritium	2-E33-4	2.34	nanoCi/L
Tritium	2-E33-41	3.31	nanoCi/L
Tritium	2-E33-42	3.41	nanoCi/L
Tritium	2-E33-43	2.58	nanoCi/L
Tritium	2-E33-5	4.78	nanoCi/L
Tritium	2-E33-7	6.42	nanoCi/L
Tritium	2-E33-8	3.47	nanoCi/L
Tritium	2-E33-9	2.92	nanoCi/L
Tritium	2-E34-1	2.53	nanoCi/L
Tritium	2-E34-2	3.07	nanoCi/L
Tritium	2-E34-3	5.60	nanoCi/L
Tritium	2-E34-5	.25	nanoCi/L
Tritium	2-E34-6	.25	nanoCi/L
Tritium	2-E34-7	.99	nanoCi/L
Tritium	2-E34-8	.25	nanoCi/L
Tritium	2-E35-1	.65	nanoCi/L
Tritium	2-E35-2	.25	nanoCi/L
Tritium	2-W10-1	50.07	nanoCi/L
Tritium	2-W10-13	.25	nanoCi/L
Tritium	2-W10-14	.25	nanoCi/L
Tritium	2-W10-15	44.27	nanoCi/L
Tritium	2-W10-16	47.48	nanoCi/L
Tritium	2-W10-17	43.92	nanoCi/L
Tritium	2-W10-18	36.06	nanoCi/L
Tritium	2-W10-3	112.50	nanoCi/L
Tritium	2-W10-4	74.33	nanoCi/L
Tritium	2-W10-5	8.83	nanoCi/L
Tritium	2-W10-8	3.35	nanoCi/L
Tritium	2-W10-9	53.78	nanoCi/L
Tritium	2-W11-14	6.81	nanoCi/L
Tritium	2-W11-15	226.00	nanoCi/L
Tritium	2-W11-23	1.08	nanoCi/L
Tritium	2-W11-3	.25	nanoCi/L
Tritium	2-W11-7	41.70	nanoCi/L
Tritium	2-W11-9	1.62	nanoCi/L
Tritium	2-W12-1	6.19	nanoCi/L
Tritium	2-W14-10	1.35	nanoCi/L
Tritium	2-W14-2	67.83	nanoCi/L
Tritium	2-W14-5	2.94	nanoCi/L
Tritium	2-W14-6	7.03	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-W15-10	4.69	nanoCi/L
Tritium	2-W15-11	13.87	nanoCi/L
Tritium	2-W15-12	51.07	nanoCi/L
Tritium	2-W15-15	.25	nanoCi/L
Tritium	2-W15-16	3.90	nanoCi/L
Tritium	2-W15-17	.25	nanoCi/L
Tritium	2-W15-18	.25	nanoCi/L
Tritium	2-W15-19	.25	nanoCi/L
Tritium	2-W15-2	.50	nanoCi/L
Tritium	2-W15-20	.25	nanoCi/L
Tritium	2-W15-22	6.90	nanoCi/L
Tritium	2-W15-23	.25	nanoCi/L
Tritium	2-W15-24	.25	nanoCi/L
Tritium	2-W15-3	45.00	nanoCi/L
Tritium	2-W15-4	238.67	nanoCi/L
Tritium	2-W15-6	.25	nanoCi/L
Tritium	2-W15-7	1.40	nanoCi/L
Tritium	2-W15-8	.25	nanoCi/L
Tritium	2-W18-15	.25	nanoCi/L
Tritium	2-W18-17	1.48	nanoCi/L
Tritium	2-W18-2	.25	nanoCi/L
Tritium	2-W18-20	.25	nanoCi/L
Tritium	2-W18-21	.25	nanoCi/L
Tritium	2-W18-22	.25	nanoCi/L
Tritium	2-W18-23	.25	nanoCi/L
Tritium	2-W18-24	.25	nanoCi/L
Tritium	2-W18-25	.25	nanoCi/L
Tritium	2-W18-26	.25	nanoCi/L
Tritium	2-W18-3	.25	nanoCi/L
Tritium	2-W18-4	.25	nanoCi/L
Tritium	2-W18-5	.25	nanoCi/L
Tritium	2-W18-9	.25	nanoCi/L
Tritium	2-W19-1	.25	nanoCi/L
Tritium	2-W19-11	.78	nanoCi/L
Tritium	2-W19-12	.25	nanoCi/L
Tritium	2-W19-13	.25	nanoCi/L
Tritium	2-W19-14	.25	nanoCi/L
Tritium	2-W19-15	1.27	nanoCi/L
Tritium	2-W19-16	.97	nanoCi/L
Tritium	2-W19-17	.25	nanoCi/L
Tritium	2-W19-18	1.52	nanoCi/L
Tritium	2-W19-19	1.68	nanoCi/L
Tritium	2-W19-2	58.24	nanoCi/L
Tritium	2-W19-20	2.11	nanoCi/L
Tritium	2-W19-21	.25	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-W19-23	.84	nanoCi/L
Tritium	2-W19-24	1.83	nanoCi/L
Tritium	2-W19-25	2.02	nanoCi/L
Tritium	2-W19-26	1.27	nanoCi/L
Tritium	2-W19-27	.25	nanoCi/L
Tritium	2-W19-28	.25	nanoCi/L
Tritium	2-W19-29	4.11	nanoCi/L
Tritium	2-W19-3	.54	nanoCi/L
Tritium	2-W19-30	.82	nanoCi/L
Tritium	2-W19-31	.68	nanoCi/L
Tritium	2-W19-32	.89	nanoCi/L
Tritium	2-W19-5	.60	nanoCi/L
Tritium	2-W19-9	.25	nanoCi/L
Tritium	2-W21-1	86.25	nanoCi/L
Tritium	2-W22-1	1.68	nanoCi/L
Tritium	2-W22-10	103.70	nanoCi/L
Tritium	2-W22-12	19.77	nanoCi/L
Tritium	2-W22-18	.25	nanoCi/L
Tritium	2-W22-2	19.51	nanoCi/L
Tritium	2-W22-20	255.45	nanoCi/L
Tritium	2-W22-21	76.00	nanoCi/L
Tritium	2-W22-22	1.16	nanoCi/L
Tritium	2-W22-26	73.25	nanoCi/L
Tritium	2-W22-39	.67	nanoCi/L
Tritium	2-W22-40	4.17	nanoCi/L
Tritium	2-W22-41	2.75	nanoCi/L
Tritium	2-W22-42	12.47	nanoCi/L
Tritium	2-W22-7	349.50	nanoCi/L
Tritium	2-W22-9	6192.50	nanoCi/L
Tritium	2-W23-1	.25	nanoCi/L
Tritium	2-W23-10	605.00	nanoCi/L
Tritium	2-W23-11	.84	nanoCi/L
Tritium	2-W23-13	.25	nanoCi/L
Tritium	2-W23-14	206.20	nanoCi/L
Tritium	2-W23-3	3.48	nanoCi/L
Tritium	2-W23-4	892.76	nanoCi/L
Tritium	2-W23-7	1.32	nanoCi/L
Tritium	2-W23-8	178.00	nanoCi/L
Tritium	2-W23-9	1217.72	nanoCi/L
Tritium	2-W26-10	.25	nanoCi/L
Tritium	2-W26-12	.25	nanoCi/L
Tritium	2-W26-3	.25	nanoCi/L
Tritium	2-W26-6	.25	nanoCi/L
Tritium	2-W26-7	.25	nanoCi/L
Tritium	2-W27-1	2.70	nanoCi/L

Constituent	Well	Average	Units
Tritium	2-W6-1	59.65	nanoCi/L
Tritium	2-W6-2	12.86	nanoCi/L
Tritium	2-W6-4	24.70	nanoCi/L
Tritium	2-W6-5	34.80	nanoCi/L
Tritium	2-W6-6	.25	nanoCi/L
Tritium	2-W6-7	46.00	nanoCi/L
Tritium	2-W6-8	.90	nanoCi/L
Tritium	2-W7-1	.25	nanoCi/L
Tritium	2-W7-10	.25	nanoCi/L
Tritium	2-W7-11	.25	nanoCi/L
Tritium	2-W7-12	.25	nanoCi/L
Tritium	2-W7-2	.25	nanoCi/L
Tritium	2-W7-3	.25	nanoCi/L
Tritium	2-W7-4	.25	nanoCi/L
Tritium	2-W7-5	.25	nanoCi/L
Tritium	2-W7-6	.75	nanoCi/L
Tritium	2-W7-7	.25	nanoCi/L
Tritium	2-W7-8	.25	nanoCi/L
Tritium	2-W7-9	.25	nanoCi/L
Tritium	2-W8-1	.25	nanoCi/L
Tritium	2-W9-1	.25	nanoCi/L
Tritium	6-20-20	141.50	nanoCi/L
Tritium	6-20-39	.25	nanoCi/L
Tritium	6-23-34	106.90	nanoCi/L
Tritium	6-24-33	284.74	nanoCi/L
Tritium	6-24-34A	152.53	nanoCi/L
Tritium	6-24-34B	263.56	nanoCi/L
Tritium	6-24-34C	298.50	nanoCi/L
Tritium	6-24-35	111.76	nanoCi/L
Tritium	6-24-46	.25	nanoCi/L
Tritium	6-25-33A	.81	nanoCi/L
Tritium	6-25-34A	261.40	nanoCi/L
Tritium	6-25-34B	657.50	nanoCi/L
Tritium	6-25-34C	285.50	nanoCi/L
Tritium	6-25-55	.90	nanoCi/L
Tritium	6-25-70	.82	nanoCi/L
Tritium	6-26-33	251.29	nanoCi/L
Tritium	6-26-34	261.40	nanoCi/L
Tritium	6-26-35A	285.50	nanoCi/L
Tritium	6-26-35C	51.06	nanoCi/L
Tritium	6-28-40	59.82	nanoCi/L
Tritium	6-28-40P	.25	nanoCi/L
Tritium	6-28-52A	.25	nanoCi/L
Tritium	6-29-78	.25	nanoCi/L
Tritium	6-31-31	14.47	nanoCi/L

Constituent	Well	Average	Units
Tritium	6-31-31P	.25	nanoCi/L
Tritium	6-32-22	169.29	nanoCi/L
Tritium	6-32-43	298.00	nanoCi/L
Tritium	6-32-62	2.38	nanoCi/L
Tritium	6-32-70B	237.25	nanoCi/L
Tritium	6-32-72	136.50	nanoCi/L
Tritium	6-32-77	.25	nanoCi/L
Tritium	6-33-42	283.38	nanoCi/L
Tritium	6-33-56	.25	nanoCi/L
Tritium	6-34-39A	6.01	nanoCi/L
Tritium	6-34-41B	36.97	nanoCi/L
Tritium	6-34-42	75.85	nanoCi/L
Tritium	6-34-51	.25	nanoCi/L
Tritium	6-34-88	.25	nanoCi/L
Tritium	6-35-66	1127.71	nanoCi/L
Tritium	6-35-70	781.61	nanoCi/L
Tritium	6-35-78A	.25	nanoCi/L
Tritium	6-36-46P	.25	nanoCi/L
Tritium	6-36-46Q	.25	nanoCi/L
Tritium	6-36-46R	.25	nanoCi/L
Tritium	6-36-46S	70.07	nanoCi/L
Tritium	6-36-61A	30.67	nanoCi/L
Tritium	6-36-61B	16.77	nanoCi/L
Tritium	6-36-93	.25	nanoCi/L
Tritium	6-37-82A	.25	nanoCi/L
Tritium	6-38-65	437.43	nanoCi/L
Tritium	6-38-70	1.07	nanoCi/L
Tritium	6-39-39	.25	nanoCi/L
Tritium	6-39-79	.25	nanoCi/L
Tritium	6-40-33A	1.45	nanoCi/L
Tritium	6-40-40A	.89	nanoCi/L
Tritium	6-40-40B	2.45	nanoCi/L
Tritium	6-40-62	78.04	nanoCi/L
Tritium	6-41-23	90.06	nanoCi/L
Tritium	6-42-39A	98.07	nanoCi/L
Tritium	6-42-39B	115.37	nanoCi/L
Tritium	6-42-40A	.25	nanoCi/L
Tritium	6-42-40B	.57	nanoCi/L
Tritium	6-42-41	.25	nanoCi/L
Tritium	6-42-42B	71.44	nanoCi/L
Tritium	6-43-40	63.73	nanoCi/L
Tritium	6-43-41E	74.88	nanoCi/L
Tritium	6-43-41F	39.50	nanoCi/L
Tritium	6-43-41G	71.13	nanoCi/L
Tritium	6-43-42J	6.07	nanoCi/L

Constituent	Well	Average	Units
Tritium	6-43-43	.25	nanoCi/L
Tritium	6-43-45	.25	nanoCi/L
Tritium	6-43-88	.25	nanoCi/L
Tritium	6-44-42	.96	nanoCi/L
Tritium	6-44-43B	32.72	nanoCi/L
Tritium	6-44-64	.73	nanoCi/L
Tritium	6-45-42	45.69	nanoCi/L
Tritium	6-45-69A	.25	nanoCi/L
Tritium	6-46-21B	47.80	nanoCi/L
Tritium	6-47-35A	.25	nanoCi/L
Tritium	6-47-46A	.25	nanoCi/L
Tritium	6-47-60	.25	nanoCi/L
Tritium	6-48-18	.25	nanoCi/L
Tritium	6-48-50	.25	nanoCi/L
Tritium	6-48-71	.25	nanoCi/L
Tritium	6-49-100C	.25	nanoCi/L
Tritium	6-49-28	1.60	nanoCi/L
Tritium	6-49-55A	6.63	nanoCi/L
Tritium	6-49-57A	4.71	nanoCi/L
Tritium	6-49-79	2.00	nanoCi/L
Tritium	6-50-30	.25	nanoCi/L
Tritium	6-50-42	3.95	nanoCi/L
Tritium	6-50-48B	.25	nanoCi/L
Tritium	6-50-53A	4.57	nanoCi/L
Tritium	6-50-85	.25	nanoCi/L
Tritium	6-51-63	.25	nanoCi/L
Tritium	6-51-75	.25	nanoCi/L
Tritium	6-52-19	.25	nanoCi/L
Tritium	6-52-54	.71	nanoCi/L
Tritium	6-52-57	.25	nanoCi/L
Tritium	6-53-103	.25	nanoCi/L
Tritium	6-53-47A	.25	nanoCi/L
Tritium	6-53-47B	.25	nanoCi/L
Tritium	6-53-48B	.25	nanoCi/L
Tritium	6-53-55A	.25	nanoCi/L
Tritium	6-54-34	.25	nanoCi/L
Tritium	6-54-45A	.25	nanoCi/L
Tritium	6-54-48	.25	nanoCi/L
Tritium	6-54-49	.25	nanoCi/L
Tritium	6-55-40	.25	nanoCi/L
Tritium	6-55-44	.25	nanoCi/L
Tritium	6-55-50A	.25	nanoCi/L
Tritium	6-55-50C	.25	nanoCi/L
Tritium	6-55-50D	.25	nanoCi/L
Tritium	6-55-55	1.14	nanoCi/L

Constituent	Well	Average	Units
Tritium	6-55-57	8.03	nanoCi/L
Tritium	6-55-70	.25	nanoCi/L
Tritium	6-55-76	.53	nanoCi/L
Tritium	6-55-89	.25	nanoCi/L
Tritium	6-56-43	.25	nanoCi/L
Tritium	6-57-29A	.59	nanoCi/L
Tritium	6-59-58	.75	nanoCi/L
Tritium	6-59-80B	.25	nanoCi/L
Tritium	6-60-57	.25	nanoCi/L
Tritium	6-60-60	6.60	nanoCi/L
Tritium	6-61-37	.25	nanoCi/L
Tritium	6-61-41	.25	nanoCi/L
Tritium	6-61-62	13.73	nanoCi/L
Tritium	6-61-66	.25	nanoCi/L
Tritium	6-62-31	.25	nanoCi/L
Tritium	6-63-25A	.25	nanoCi/L
Tritium	6-63-55	.77	nanoCi/L
Tritium	6-63-58	1.67	nanoCi/L
Tritium	6-63-90	.25	nanoCi/L
Tritium	6-64-62	8.01	nanoCi/L
Tritium	6-65-23	.25	nanoCi/L
Tritium	6-65-50	.65	nanoCi/L
Tritium	6-65-59A	1.05	nanoCi/L
Tritium	6-65-72	3.01	nanoCi/L
Tritium	6-65-83	.87	nanoCi/L
Tritium	6-66-103	.25	nanoCi/L
Tritium	6-66-23	.25	nanoCi/L
Tritium	6-66-58	.84	nanoCi/L
Tritium	6-66-64	6.19	nanoCi/L
Tritium	6-67-51	.50	nanoCi/L
Tritium	6-67-86	.85	nanoCi/L
Tritium	6-67-98	.25	nanoCi/L
Tritium	6-68-105	.25	nanoCi/L
Tritium	6-69-38	.25	nanoCi/L
Uranium, total	1-B4-2	4.42	pCi/L
Uranium, total	1-B4-3	1.01	pCi/L
Uranium, total	1-B4-4	.99	pCi/L
Uranium, total	1-B5-1	.89	pCi/L
Uranium, total	1-B9-1	1.52	pCi/L
Uranium, total	2-E13-14	1.81	pCi/L
Uranium, total	2-E13-19	2.71	pCi/L
Uranium, total	2-E13-5	1.66	pCi/L
Uranium, total	2-E13-8	2.28	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-E16-2	1.05	pCi/L
Uranium, total	2-E17-1	2.56	pCi/L
Uranium, total	2-E17-12	3.21	pCi/L
Uranium, total	2-E17-13	3.52	pCi/L
Uranium, total	2-E17-14	6.48	pCi/L
Uranium, total	2-E17-15	5.64	pCi/L
Uranium, total	2-E17-16	3.66	pCi/L
Uranium, total	2-E17-17	3.49	pCi/L
Uranium, total	2-E17-18	3.63	pCi/L
Uranium, total	2-E17-19	3.44	pCi/L
Uranium, total	2-E17-2	6.14	pCi/L
Uranium, total	2-E17-20	3.15	pCi/L
Uranium, total	2-E17-5	5.05	pCi/L
Uranium, total	2-E17-8	2.17	pCi/L
Uranium, total	2-E17-9	.05	pCi/L
Uranium, total	2-E18-1	4.31	pCi/L
Uranium, total	2-E18-2	11.73	pCi/L
Uranium, total	2-E18-3	1.70	pCi/L
Uranium, total	2-E18-4	2.62	pCi/L
Uranium, total	2-E24-16	3.47	pCi/L
Uranium, total	2-E24-17	2.90	pCi/L
Uranium, total	2-E24-18	7.14	pCi/L
Uranium, total	2-E24-19	1.60	pCi/L
Uranium, total	2-E24-2	3.30	pCi/L
Uranium, total	2-E24-20	1.43	pCi/L
Uranium, total	2-E24-8	1.88	pCi/L
Uranium, total	2-E25-10	1.26	pCi/L
Uranium, total	2-E25-11	.95	pCi/L
Uranium, total	2-E25-17	8.73	pCi/L
Uranium, total	2-E25-18	1.38	pCi/L
Uranium, total	2-E25-19	1.03	pCi/L
Uranium, total	2-E25-20	1.68	pCi/L
Uranium, total	2-E25-21	.95	pCi/L
Uranium, total	2-E25-22	.84	pCi/L
Uranium, total	2-E25-23	.50	pCi/L
Uranium, total	2-E25-24	.72	pCi/L
Uranium, total	2-E25-25	2.41	pCi/L
Uranium, total	2-E25-26	1.07	pCi/L
Uranium, total	2-E25-28	.90	pCi/L
Uranium, total	2-E25-29P	1.31	pCi/L
Uranium, total	2-E25-30P	.41	pCi/L
Uranium, total	2-E25-32P	1.19	pCi/L
Uranium, total	2-E25-34	.83	pCi/L
Uranium, total	2-E25-35	2.56	pCi/L
Uranium, total	2-E25-36	1.31	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-E25-37	1.48	pCi/L
Uranium, total	2-E25-39	.85	pCi/L
Uranium, total	2-E25-40	1.78	pCi/L
Uranium, total	2-E25-41	1.99	pCi/L
Uranium, total	2-E25-6	1.52	pCi/L
Uranium, total	2-E25-9	1.20	pCi/L
Uranium, total	2-E26-11	2.08	pCi/L
Uranium, total	2-E26-6	.48	pCi/L
Uranium, total	2-E26-9	.97	pCi/L
Uranium, total	2-E27-1	.95	pCi/L
Uranium, total	2-E27-10	2.15	pCi/L
Uranium, total	2-E27-11	1.90	pCi/L
Uranium, total	2-E27-12	1.29	pCi/L
Uranium, total	2-E27-13	1.30	pCi/L
Uranium, total	2-E27-14	1.44	pCi/L
Uranium, total	2-E27-15	1.75	pCi/L
Uranium, total	2-E27-16	.95	pCi/L
Uranium, total	2-E27-5	1.64	pCi/L
Uranium, total	2-E27-7	1.36	pCi/L
Uranium, total	2-E27-8	1.77	pCi/L
Uranium, total	2-E27-9	2.06	pCi/L
Uranium, total	2-E28-1	1.53	pCi/L
Uranium, total	2-E28-11	.33	pCi/L
Uranium, total	2-E28-12	10.84	pCi/L
Uranium, total	2-E28-13	2.25	pCi/L
Uranium, total	2-E28-15	.39	pCi/L
Uranium, total	2-E28-16	7.35	pCi/L
Uranium, total	2-E28-17	8.46	pCi/L
Uranium, total	2-E28-18	26.01	pCi/L
Uranium, total	2-E28-19	8.37	pCi/L
Uranium, total	2-E28-21	25.45	pCi/L
Uranium, total	2-E28-23	15.17	pCi/L
Uranium, total	2-E28-24	.48	pCi/L
Uranium, total	2-E28-25	10.97	pCi/L
Uranium, total	2-E28-26	20.19	pCi/L
Uranium, total	2-E28-27	3.67	pCi/L
Uranium, total	2-E28-28	13.48	pCi/L
Uranium, total	2-E28-7	1.69	pCi/L
Uranium, total	2-E28-9	7.13	pCi/L
Uranium, total	2-E32-1	1.39	pCi/L
Uranium, total	2-E32-2	4.53	pCi/L
Uranium, total	2-E32-3	12.73	pCi/L
Uranium, total	2-E32-4	4.59	pCi/L
Uranium, total	2-E32-5	18.42	pCi/L
Uranium, total	2-E33-1	1.90	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-E33-13	2.44	pCi/L
Uranium, total	2-E33-14	1.45	pCi/L
Uranium, total	2-E33-15	1.13	pCi/L
Uranium, total	2-E33-18	1.80	pCi/L
Uranium, total	2-E33-20	1.88	pCi/L
Uranium, total	2-E33-21	1.32	pCi/L
Uranium, total	2-E33-24	2.22	pCi/L
Uranium, total	2-E33-26	2.67	pCi/L
Uranium, total	2-E33-27	1.59	pCi/L
Uranium, total	2-E33-28	1.47	pCi/L
Uranium, total	2-E33-29	1.49	pCi/L
Uranium, total	2-E33-3	1.74	pCi/L
Uranium, total	2-E33-30	1.58	pCi/L
Uranium, total	2-E33-31	1.62	pCi/L
Uranium, total	2-E33-32	1.54	pCi/L
Uranium, total	2-E33-33	1.73	pCi/L
Uranium, total	2-E33-34	2.57	pCi/L
Uranium, total	2-E33-35	1.76	pCi/L
Uranium, total	2-E33-36	1.47	pCi/L
Uranium, total	2-E33-37	1.41	pCi/L
Uranium, total	2-E33-38	2.42	pCi/L
Uranium, total	2-E33-39	1.54	pCi/L
Uranium, total	2-E33-4	1.67	pCi/L
Uranium, total	2-E33-41	2.19	pCi/L
Uranium, total	2-E33-42	1.80	pCi/L
Uranium, total	2-E33-43	1.35	pCi/L
Uranium, total	2-E33-5	2.66	pCi/L
Uranium, total	2-E33-7	1.76	pCi/L
Uranium, total	2-E33-8	2.05	pCi/L
Uranium, total	2-E33-9	1.83	pCi/L
Uranium, total	2-E34-1	1.65	pCi/L
Uranium, total	2-E34-2	1.95	pCi/L
Uranium, total	2-E34-3	1.88	pCi/L
Uranium, total	2-E34-5	3.26	pCi/L
Uranium, total	2-E34-6	2.86	pCi/L
Uranium, total	2-E34-7	1.55	pCi/L
Uranium, total	2-E34-8	1.48	pCi/L
Uranium, total	2-E35-1	1.70	pCi/L
Uranium, total	2-W10-1	2.01	pCi/L
Uranium, total	2-W10-13	.63	pCi/L
Uranium, total	2-W10-14	.63	pCi/L
Uranium, total	2-W10-15	2.10	pCi/L
Uranium, total	2-W10-16	1.44	pCi/L
Uranium, total	2-W10-17	.98	pCi/L
Uranium, total	2-W10-18	1.57	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-W10-3	11.09	pCi/L
Uranium, total	2-W10-4	.72	pCi/L
Uranium, total	2-W10-8	1.10	pCi/L
Uranium, total	2-W10-9	2.22	pCi/L
Uranium, total	2-W11-14	207.00	pCi/L
Uranium, total	2-W11-3	1.00	pCi/L
Uranium, total	2-W11-9	1.08	pCi/L
Uranium, total	2-W14-10	1.10	pCi/L
Uranium, total	2-W14-2	.94	pCi/L
Uranium, total	2-W14-5	.78	pCi/L
Uranium, total	2-W14-6	.68	pCi/L
Uranium, total	2-W15-10	.93	pCi/L
Uranium, total	2-W15-11	.85	pCi/L
Uranium, total	2-W15-15	3.11	pCi/L
Uranium, total	2-W15-16	1.99	pCi/L
Uranium, total	2-W15-17	.77	pCi/L
Uranium, total	2-W15-18	.63	pCi/L
Uranium, total	2-W15-19	1.47	pCi/L
Uranium, total	2-W15-20	.91	pCi/L
Uranium, total	2-W15-22	1.12	pCi/L
Uranium, total	2-W15-23	1.97	pCi/L
Uranium, total	2-W15-24	1.04	pCi/L
Uranium, total	2-W15-4	3.12	pCi/L
Uranium, total	2-W15-6	.87	pCi/L
Uranium, total	2-W15-7	.93	pCi/L
Uranium, total	2-W15-8	5.38	pCi/L
Uranium, total	2-W18-15	39.37	pCi/L
Uranium, total	2-W18-17	.68	pCi/L
Uranium, total	2-W18-20	1.34	pCi/L
Uranium, total	2-W18-21	17.02	pCi/L
Uranium, total	2-W18-22	.63	pCi/L
Uranium, total	2-W18-23	1.11	pCi/L
Uranium, total	2-W18-24	.79	pCi/L
Uranium, total	2-W18-25	7.10	pCi/L
Uranium, total	2-W18-26	1.61	pCi/L
Uranium, total	2-W18-5	.67	pCi/L
Uranium, total	2-W19-1	2.35	pCi/L
Uranium, total	2-W19-11	1960.25	pCi/L
Uranium, total	2-W19-12	2.47	pCi/L
Uranium, total	2-W19-13	6.67	pCi/L
Uranium, total	2-W19-14	2.80	pCi/L
Uranium, total	2-W19-15	94.54	pCi/L
Uranium, total	2-W19-16	655.42	pCi/L
Uranium, total	2-W19-17	19.36	pCi/L
Uranium, total	2-W19-18	2325.78	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-W19-19	555.04	pCi/L
Uranium, total	2-W19-2	69.48	pCi/L
Uranium, total	2-W19-20	335.75	pCi/L
Uranium, total	2-W19-21	16.43	pCi/L
Uranium, total	2-W19-23	140.88	pCi/L
Uranium, total	2-W19-24	392.82	pCi/L
Uranium, total	2-W19-25	224.34	pCi/L
Uranium, total	2-W19-26	185.30	pCi/L
Uranium, total	2-W19-27	10.75	pCi/L
Uranium, total	2-W19-28	35.63	pCi/L
Uranium, total	2-W19-29	1583.40	pCi/L
Uranium, total	2-W19-3	1946.60	pCi/L
Uranium, total	2-W19-30	55.09	pCi/L
Uranium, total	2-W19-31	2.22	pCi/L
Uranium, total	2-W19-32	2.07	pCi/L
Uranium, total	2-W19-5	7.02	pCi/L
Uranium, total	2-W19-9	941.27	pCi/L
Uranium, total	2-W21-1	1.47	pCi/L
Uranium, total	2-W22-1	4.29	pCi/L
Uranium, total	2-W22-10	.05	pCi/L
Uranium, total	2-W22-12	.86	pCi/L
Uranium, total	2-W22-2	5.10	pCi/L
Uranium, total	2-W22-20	6.58	pCi/L
Uranium, total	2-W22-21	21.14	pCi/L
Uranium, total	2-W22-22	1.55	pCi/L
Uranium, total	2-W22-26	3.05	pCi/L
Uranium, total	2-W22-39	5.54	pCi/L
Uranium, total	2-W22-40	2.17	pCi/L
Uranium, total	2-W22-41	1.56	pCi/L
Uranium, total	2-W22-42	2.23	pCi/L
Uranium, total	2-W22-7	1.11	pCi/L
Uranium, total	2-W22-9	4.78	pCi/L
Uranium, total	2-W23-1	5.85	pCi/L
Uranium, total	2-W23-10	32.28	pCi/L
Uranium, total	2-W23-11	14.06	pCi/L
Uranium, total	2-W23-13	9.41	pCi/L
Uranium, total	2-W23-14	9.14	pCi/L
Uranium, total	2-W23-2	5.51	pCi/L
Uranium, total	2-W23-4	61.52	pCi/L
Uranium, total	2-W23-8	3.26	pCi/L
Uranium, total	2-W23-9	25.11	pCi/L
Uranium, total	2-W26-10	1.37	pCi/L
Uranium, total	2-W26-12	12.63	pCi/L
Uranium, total	2-W26-3	1.08	pCi/L
Uranium, total	2-W26-6	1.20	pCi/L

Constituent	Well	Average	Units
Uranium, total	2-W26-7	1.14	pCi/L
Uranium, total	2-W26-8	14.60	pCi/L
Uranium, total	2-W26-9	1.29	pCi/L
Uranium, total	2-W27-1	7.03	pCi/L
Uranium, total	2-W6-2	1.18	pCi/L
Uranium, total	2-W6-4	2.23	pCi/L
Uranium, total	2-W6-5	2.26	pCi/L
Uranium, total	2-W6-6	.60	pCi/L
Uranium, total	2-W6-7	2.43	pCi/L
Uranium, total	2-W6-8	1.47	pCi/L
Uranium, total	2-W7-1	.53	pCi/L
Uranium, total	2-W7-10	.99	pCi/L
Uranium, total	2-W7-11	.73	pCi/L
Uranium, total	2-W7-12	.70	pCi/L
Uranium, total	2-W7-2	.69	pCi/L
Uranium, total	2-W7-3	1.04	pCi/L
Uranium, total	2-W7-4	1.47	pCi/L
Uranium, total	2-W7-5	1.35	pCi/L
Uranium, total	2-W7-6	5.92	pCi/L
Uranium, total	2-W7-7	.73	pCi/L
Uranium, total	2-W7-8	1.21	pCi/L
Uranium, total	2-W7-9	1.46	pCi/L
Uranium, total	2-W8-1	.68	pCi/L
Uranium, total	2-W9-1	.83	pCi/L
Uranium, total	6-20-20	2.89	pCi/L
Uranium, total	6-24-46	1.17	pCi/L
Uranium, total	6-25-55	1.88	pCi/L
Uranium, total	6-25-70	.79	pCi/L
Uranium, total	6-31-31	1.14	pCi/L
Uranium, total	6-32-22	.11	pCi/L
Uranium, total	6-32-43	2.53	pCi/L
Uranium, total	6-32-70B	1.58	pCi/L
Uranium, total	6-32-72	.27	pCi/L
Uranium, total	6-32-77	11.20	pCi/L
Uranium, total	6-33-42	2.50	pCi/L
Uranium, total	6-33-56	1.88	pCi/L
Uranium, total	6-34-39A	1.16	pCi/L
Uranium, total	6-34-42	2.27	pCi/L
Uranium, total	6-34-51	.21	pCi/L
Uranium, total	6-35-66	2.10	pCi/L
Uranium, total	6-35-70	2.40	pCi/L
Uranium, total	6-35-78A	15.95	pCi/L
Uranium, total	6-36-61A	1.35	pCi/L
Uranium, total	6-37-82A	.05	pCi/L
Uranium, total	6-38-65	1.71	pCi/L

Constituent	Well	Average	Units
Uranium, total	6-38-70	44.08	pCi/L
Uranium, total	6-39-39	1.37	pCi/L
Uranium, total	6-39-79	5.70	pCi/L
Uranium, total	6-40-33A	2.21	pCi/L
Uranium, total	6-40-62	1.30	pCi/L
Uranium, total	6-41-23	.12	pCi/L
Uranium, total	6-42-40A	.60	pCi/L
Uranium, total	6-42-40B	1.73	pCi/L
Uranium, total	6-42-42B	1.36	pCi/L
Uranium, total	6-43-41E	1.84	pCi/L
Uranium, total	6-43-41F	2.39	pCi/L
Uranium, total	6-43-42J	1.51	pCi/L
Uranium, total	6-43-45	1.21	pCi/L
Uranium, total	6-44-43B	1.70	pCi/L
Uranium, total	6-44-64	.96	pCi/L
Uranium, total	6-45-42	1.56	pCi/L
Uranium, total	6-45-69A	1.02	pCi/L
Uranium, total	6-46-21B	1.67	pCi/L
Uranium, total	6-47-35A	2.56	pCi/L
Uranium, total	6-47-46A	2.30	pCi/L
Uranium, total	6-47-60	1.75	pCi/L
Uranium, total	6-48-50	2.40	pCi/L
Uranium, total	6-48-71	.40	pCi/L
Uranium, total	6-49-100C	1.64	pCi/L
Uranium, total	6-49-55A	3.04	pCi/L
Uranium, total	6-49-57A	1.78	pCi/L
Uranium, total	6-49-79	.68	pCi/L
Uranium, total	6-50-42	.98	pCi/L
Uranium, total	6-50-53A	3.86	pCi/L
Uranium, total	6-50-85	.54	pCi/L
Uranium, total	6-51-63	2.09	pCi/L
Uranium, total	6-51-75	1.00	pCi/L
Uranium, total	6-52-54	5.13	pCi/L
Uranium, total	6-52-57	3.27	pCi/L
Uranium, total	6-53-47A	1.24	pCi/L
Uranium, total	6-53-55A	1.72	pCi/L
Uranium, total	6-54-34	1.13	pCi/L
Uranium, total	6-55-50A	.30	pCi/L
Uranium, total	6-55-50C	.84	pCi/L
Uranium, total	6-55-50D	1.85	pCi/L
Uranium, total	6-55-55	1.02	pCi/L
Uranium, total	6-55-57	3.37	pCi/L
Uranium, total	6-55-70	.95	pCi/L
Uranium, total	6-55-89	.96	pCi/L
Uranium, total	6-57-29A	1.65	pCi/L

Constituent	Well	Average	Units
Uranium, total	6-59-58	.75	pCi/L
Uranium, total	6-60-57	.28	pCi/L
Uranium, total	6-60-60	.64	pCi/L
Uranium, total	6-61-62	1.30	pCi/L
Uranium, total	6-61-66	1.50	pCi/L
Uranium, total	6-63-55	.94	pCi/L
Uranium, total	6-63-58	.95	pCi/L
Uranium, total	6-64-62	1.51	pCi/L
Uranium, total	6-65-50	1.91	pCi/L
Uranium, total	6-65-59A	.84	pCi/L
Uranium, total	6-65-72	1.82	pCi/L
Uranium, total	6-65-83	.56	pCi/L
Uranium, total	6-66-58	1.00	pCi/L
Uranium, total	6-66-64	1.33	pCi/L
Uranium, total	6-67-51	1.22	pCi/L

9413137.0351

APPENDIX B.3

Phase I Groundwater Sampling Request

9413137.0352

9413137.0353

Westinghouse
Hanford Company

P.O. Box 1970 Richland, WA 99352

November 5, 1991 9158297

Mr. M. A. Neely, Manager
Groundwater and Compliance Monitoring
Office of Hanford Environment
Pacific Northwest Laboratory
Post Office Box 999
Richland, Washington 99352

Dear Mr. Neely:

TASK 16 (CONTINGENCY) GROUNDWATER SAMPLING

References: Letter, K. R. Fecht, WHC, to M. A. Neely, PNL, "Revised Fiscal Year 1991 Sampling and Analysis Statement of Work," dated November 6, 1990.

This letter transmits a work order and sampling schedules for groundwater sampling and analysis activities in support of the 200 Aggregate Area Groundwater Sampling Project and the 200 West Area Carbon Tetrachloride Expedited Response Action Project. The support being requested is supplemental sampling of wells that have already been scheduled by other Hanford Site groundwater monitoring programs. The sampling procedures, quality assurance requirements and quality controls specified in Task 16 of the referenced statement of work will apply to these projects.

If you have any questions of a technical nature, you may call Mr. B. H. Ford (376-6465) regarding the 200 Aggregate Area Project or Ms. V. J. Rohay (376-5507) regarding the the 200 West Area Carbon Tetrachloride Project. Budget matters may be addressed to Ms. M. Marratt on 376-9116.

Very truly yours,

K. R. Fecht, Manager
Geosciences Group

dyl

Attachments 3

Hanford Operations and Engineering Contractor for the US Department of Energy

9413137.0355

ATTACHMENT 2

200 Aggregate Area Sampling Network and
Analytical Requirements

200 AGGREGATE AREA MANAGEMENT STUDY
SAMPLING NETWORK AND ANALYTICAL REQUIREMENTS
OCTOBER-DECEMBER, 1991

Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
Z PLANT AGGREGATE AREA																			
2-W6-2	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W7-6	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W15-7	*	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-W15-19	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-W15-24	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
U PLANT AGGREGATE AREA																			
2-W18-25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	X	X	X
2-W19-18	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W19-29	*	*	X	X	*	X	X	X	X	X	X	X	X	*	*	X	*	*	*
2-W19-31	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W22-40	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	*	*	*
S PLANT AGGREGATE AREA																			
2-W22-20	*	*	X	X	X	X	X	X	X	X	X	X	X	*	*	*	X	*	*
2-W22-21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2-W22-39	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W23-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W23-14	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W26-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X	X
2-W26-11	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	X	*
T PLANT AGGREGATE AREA																			
2-W10-16	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*

Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
2-W11-23	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-W14-2	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-W15-22	*	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
B PLANT AGGREGATE AREA																			
2-E26-9	X	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	*	X
2-E26-11	X	*	*	X	*	*	X	*	X	*	*	*	X	*	*	X	X	*	X
2-E32-5	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
2-E33-37	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	*	X	*	*
2-E34-8	*	*	*	X	*	*	X	*	X	*	*	*	X	*	*	*	X	*	*
PUREX AGGREGATE AREA																			
2-E24-19	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E25-33	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	
2-E25-37	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	X
2-E25-39	*	*	*	*	*	*	X	*	X	*	*	*	X	*	*	X	*	*	X
2-E25-41	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E27-14	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E27-15	X	*	*	X	*	*	*	*	*	*	*	*	X	*	*	*	*	*	*
2-E34-7	*	*	*	*	*	*	*	*	X	*	*	*	X	*	*	*	*	*	*
600 AREA																			
6-34-42	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X
6-35-70	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
6-37-82A	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
6-40-62	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	X

Well	VOAs	ICP	As	SVol	Anion	Colif	Cn	Pest	Hyd	Pb	Hg	Se	TDS	Gross Alpha	Gross Beta	Gamma Scan	Tc 99	Trit	U Chem
6-45-42	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	*	X
6-45-69A	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	*	*	X
6-48-71	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
6-54-48	X	X	X	X	*	X	X	X	X	X	X	X	X	*	*	X	X	*	X
6-55-50C	X	*	X	X	*	X	X	X	X	X	X	X	X	*	*	X	X	*	X

NOTE:

* - Indicates that this analysis has been requested by another Hanford Site groundwater monitoring program.

X - Indicates that this analysis is supplemental to other program requirements and is to be collected for the 200 Aggregate Area Project.

For information regarding this schedule, please contact B. H. Ford/376-6465.

9413137.0360

ATTACHMENT 3

200 West Area Carbon Tetrachloride Project
Sampling Network and Analytical Requirements

200 West Area Carbon Tetrachloride Project

Proj. Site	Well No.	Monthly Schedule											
		Jul 91	Aug	Sep	Oct	Nov	Dec	Jan 92	Feb	Mar	Apr	May	Jun
CCl4	2-W10-17[a]				V			(V)					
CCl4	2-W10-18[a]				V			(V)					
CCl4	2-W15-16				V								
CCl4	2-W15-22[a]				V			(V)					
CCl4	2-W15-6[b]				V,X								
CCl4	2-W15-8[c,d]			V,X									
CCl4	2-W18-17[d]			V									
CCl4	2-W18-2				V								
CCl4	2-W18-20[d]			V									
CCl4	2-W18-29[d]			V									
CCl4	2-W18-9[f]						V,X						
CCl4	2-W7-4[e]					V							
CCl4	2-W7-5[e]					V							
CCl4	6-38-70					V							
CCl4	6-39-79					V							
CCl4	6-43-88					V							
CCl4	6-49-79					V							

Notes for 200 West Area Carbon Tetrachloride Expedited Response Action

V = Sample for Volatile Organic Analysis
X = Analyze for tributyl phosphate, dibutyl phosphate, dibutyl butyl phosphonate, major anions and cations, plutonium-239, americium-241, conductivity, pH

[a] already scheduled for sampling through the RCRA program; add VOA sampling. If the October sampling has already occurred, add the VOA sampling to the January sampling event instead.
[b] A packer was set on a 2-in-dia riser pipe and placed 10 ft above the bottom of the perforated interval (170 ft below the water table). A Hydrostar pump is currently set below this packer for purging and sampling this bottom interval. The first sample should be taken from the bottom interval. The interval isolated by the packer should be pumped at 1 gal/min for 2 hr. At this rate, the calculated dead volume of the isolated interval is 15 gal with 25 gal in the 2-in-dia riser pipe above the packer. The packer should then be removed and the pump installed 5 ft below the water table by WHC. Another sample should then be collected.
[c] only has 4-5 ft of water in well, so use a 15 gal purge volume. Do not exceed 1 gal/min pumping rate. If already sampled in the second half of 1991 for the Operational program, additional sampling not required for this project.
[d] already scheduled for sampling through the Operational program; no change required
[e] already scheduled for VOA sampling through the RCRA program; no change required
[f] needs to have pump installed by WHC

9413137.0363

APPENDIX B.4

National Environmental Protection Act Documentation

9413137.0364

9413137.0365

Westinghouse
Hanford Company

P.O. Box 1970 Richland, WA 99352

November 21, 1991 9158559

Ms. E. A. Bracken, Director
Environmental Restoration Division
U.S. Department of Energy
Field Office, Richland
Richland, Washington 99352

Dear Ms. Bracken:

AGGREGATE 200 AREA MANAGEMENT STUDY: GROUNDWATER SAMPLING AND WELL MAINTENANCE TASKS, HANFORD SITE, RICHLAND, WASHINGTON

Please find the Information Bulletin (IB) (enclosure 1) providing background information pertaining to the proposed actions by Westinghouse Hanford Company (WHC) to conduct a groundwater monitoring program in support of the Aggregate 200 Area Management Study, as identified in the Hanford Federal Facility Agreement and Consent Order.

The enclosed IB has been prepared with guidance from the U.S. Department of Energy, and the proposed activity appears to fit within one of the typical classes of action that require neither an Environmental Assessment nor an Environmental Impact Statement.

Enclosure 2 transmits the WHC approval signatures for preparation of this IB. Please review the enclosed IB and notify WHC in writing if an IB is the appropriate level of National Environmental Policy Act documentation for the proposed work.

If you require further information please contact Mr. K. R. Fecht on 376-0940, or Mr. R. H. Engelmann on 376-7485.

Very truly yours,

L. C. Brown, Manager
Environmental Engineering
& Geotechnology Function
Environmental Division

smc

Enclosures 2

RL - R. M. Carosino
P. F. Dunigan Jr.
J. K. Erickson
A. C. Harris
R. O. Puthoff (w/o enclosures)

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ENCLOSURE 1

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INFORMATION BULLETIN

PROPOSED ACTION: Aggregate 200 Area Management Study: Groundwater Sampling and Well Maintenance Tasks, Hanford Site, Richland, Washington

DESCRIPTION OF PROPOSED ACTION:

Recent revisions to the *Hanford Federal Facility Agreement and Consent Order* [Tri-Party Agreement (TPA)] require that an aggregate area approach to site cleanup be implemented in the 200 Areas, based on the Hanford Site Past Practice Investigation Strategy (HPPIS). The HPPIS was developed to streamline the existing site investigation and feasibility study processes under *Comprehensive Environmental Response, Compensation, and Liability Act* (CERCLA) and *Resource Conservation and Recovery Act* (RCRA). This strategy limits and focuses the Remedial Investigation/Feasibility Study process, maximizes the use of existing data, and conducts expedited and interim actions where appropriate. The ultimate goal is the successful cleanup or closure of contaminated areas at the earliest possible date, in the most effective manner.

The first step in the HPPIS is the initiation of Aggregate Area Management Studies (AAMS). As defined in the TPA, the AAMS program for the 200 Areas would consist of a series of ten AAMS; eight source and two groundwater aggregate areas are identified in the 200 East, West, and North Areas.

An integral task of the groundwater AAMS program is development of a hydrochemical baseline for the unconfined and uppermost confined aquifer systems. The objectives are to integrate several existing 200 Area groundwater monitoring networks, identify constituents of interest in relation to groundwater contamination in the 200 Area, and to delineate and refine contaminant plume geometries. To an extent, this effort would retain a dynamic characteristic. Information gathered prior to and during the course of this action would dictate the number and location of wells required for adequate characterization. It is expected that 80 to 160 wells would be included in this monitoring network. This groundwater monitoring effort would support a TPA Milestone (M-27-00) to be completed by September 1992: "The Aggregate Area Study for the 200 Area". Figure 1 highlights the general area of groundwater well locations.

The majority of these wells currently are used for quarterly or semiannual groundwater monitoring. When possible, sampling in support of the AAMS would be coordinated with existing sampling schedules to minimize duplication of sampling activities. The AAMS would utilize and integrate current sampling efforts at selected Pacific Northwest Laboratory wells, Westinghouse Hanford Company (WHC) RCRA and CERCLA wells, and WHC operational monitoring wells.

To achieve the groundwater AAMS objectives, it also would be necessary to collect samples from existing wells that are currently not included in groundwater monitoring programs. These wells, sometimes called non-network wells, were installed for use in various monitoring programs but are not

currently in use because of modifications to monitoring program objectives. The AAMS effort would include approximately 20 to 40 non-network wells in the monitoring program. There are approximately 380 non-network wells identified in the 200 Area Plateau that are available to support this effort.

Reconnaissance of the non-network wells would include maintenance actions to verify well construction characteristics, including an assessment of the condition of the casing and well screen/perforated interval, concrete pad, and well annular seal (that protects against surface water intrusion). If reconnaissance determines that well fitness for use is acceptable, and the well is in the correct location and would allow sampling of the desired hydrologic zone, then well scrubbing, sand plugging to reduce the monitored interval to 20 feet or less, redevelopment, and installation of a new sampling pump would follow.

Redevelopment would include purging the well until turbidity is reduced to acceptable levels. Until the groundwater is adequately characterized, all purgewater would be contained until final disposition. After chemical characterization, if the groundwater is uncontaminated, purgewater might be disposed to the surrounding area. If the purgewater is contaminated, the purgewater would be removed from the site and disposed of in accordance with appropriate and applicable procedures. Final disposal of waste following designation of the material would be in accordance with Section 10.3, Purge Water Management, in WHC-CM-7-7, *Environmental Investigations and Site Characterization Manual*. Groundwater monitoring would follow existing and appropriate regulations and guidelines. After completion of a sample analysis plan, samples would be collected, preserved, stored, and analyzed in accordance with *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, Environmental Protection Agency Publication SW-846.

This activity would occur in fiscal year 1992, as soon as the appropriate National Environmental Policy Act (NEPA) approvals are obtained. The AAMS schedule calls for quarterly sampling for one year; the results would be analyzed and evaluated to determine the extent of future activity. The first quarter sampling effort would be confined to those wells that are part of a current monitoring program and would essentially consist of expanding the laboratory analyses to include all of the analytes listed in Appendix IX, *Ground-Water Monitoring List*, 40 Code of Federal Regulations, Part 264. Non-network wells would be brought into the monitoring network to support the second quarterly sampling effort.

The estimated total cost of this action is $1.23 million, which includes $30,000 for well maintenance and $740,000 allocated for sample analysis. This estimate might change, as the reconnaissance of particular non-network wells progresses.

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IMPACT

Gaseous discharges would be limited to minor amounts of equipment exhaust emissions from vehicles and motors that would be used during these activities. Particulate or droplet releases to the atmosphere would be limited to some dust that might occur for short periods as a result of project activities (i.e., movement of personnel, vehicles, equipment).

Noise levels would be increased temporarily over short periods in the immediate vicinity as a result of project activities (e.g. purging wells, motors). Minor amounts of heat would be generated by vehicles used to gain access to the sites.

Work would be performed in compliance with As Low As Reasonably Achievable principles, applicable state and federal regulations, and the U.S. Department of Energy (DOE) orders and guidelines. The radiation received by workers during the performance of the action would be administratively controlled below DOE limits as defined in DOE Orders 5480.11 and 5484.1. Workers would wear personal protective equipment as required.

Some nonrenewable resources (i.e., petroleum products) would be consumed by these activities.

Transportation of waste would be in accordance with all applicable federal, state, and contractor regulations and guidelines, and would not impact the public, employees, and/or the environment.

Access roads to each well in the monitoring network are in place (including roads to the non-network wells), so disturbance to plant species would be minimal for activities such as site access, well redevelopment, and sample collection. Disturbances to animal populations would be short-term; no long-term disturbances are expected to result from the proposed scope of work. No long-term effects to any species are anticipated. The activities would not affect or be located on environmentally sensitive areas, such as critical habitats, floodplains, or wetlands. Each well is cased to prevent cross-contamination of the aquifer, vadose zone, or surface ecosystem.

As all wells are already in place and would require minimal disturbance of the surrounding site, essentially no impacts to archaeological, historical, or native American religious sites would occur during these activities.

This proposed action would help to identify and refine existing contaminant plume geometries, which would contribute to future remediation actions designed to reduce the hazard to human health and the environment posed by these contaminants.

NATIONAL ENVIRONMENTAL POLICY ACT REVIEW

The Westinghouse Hanford NEPA Documentation Group has reviewed this proposed action for the appropriate NEPA documentation and believes that this action might be covered under a Categorical Exclusion (CX) as defined in the revised Section D of the DOE NEPA guidelines, as published in the Federal

Register on Friday, September 7, 1990. This CX is included as follows for DOE review and determination.

> "Site characterization and environmental monitoring, including siting, construction, or operation of characterization and monitoring devices, under CERCLA or RCRA, if the activities would not introduce or cause the inadvertent or uncontrolled movement of hazardous substances as defined in section 101(14) of CERCLA, pollutants or contaminants as defined in section 101(33) of CERCLA, or non-native organisms, or would not adversely affect environmentally sensitive areas."

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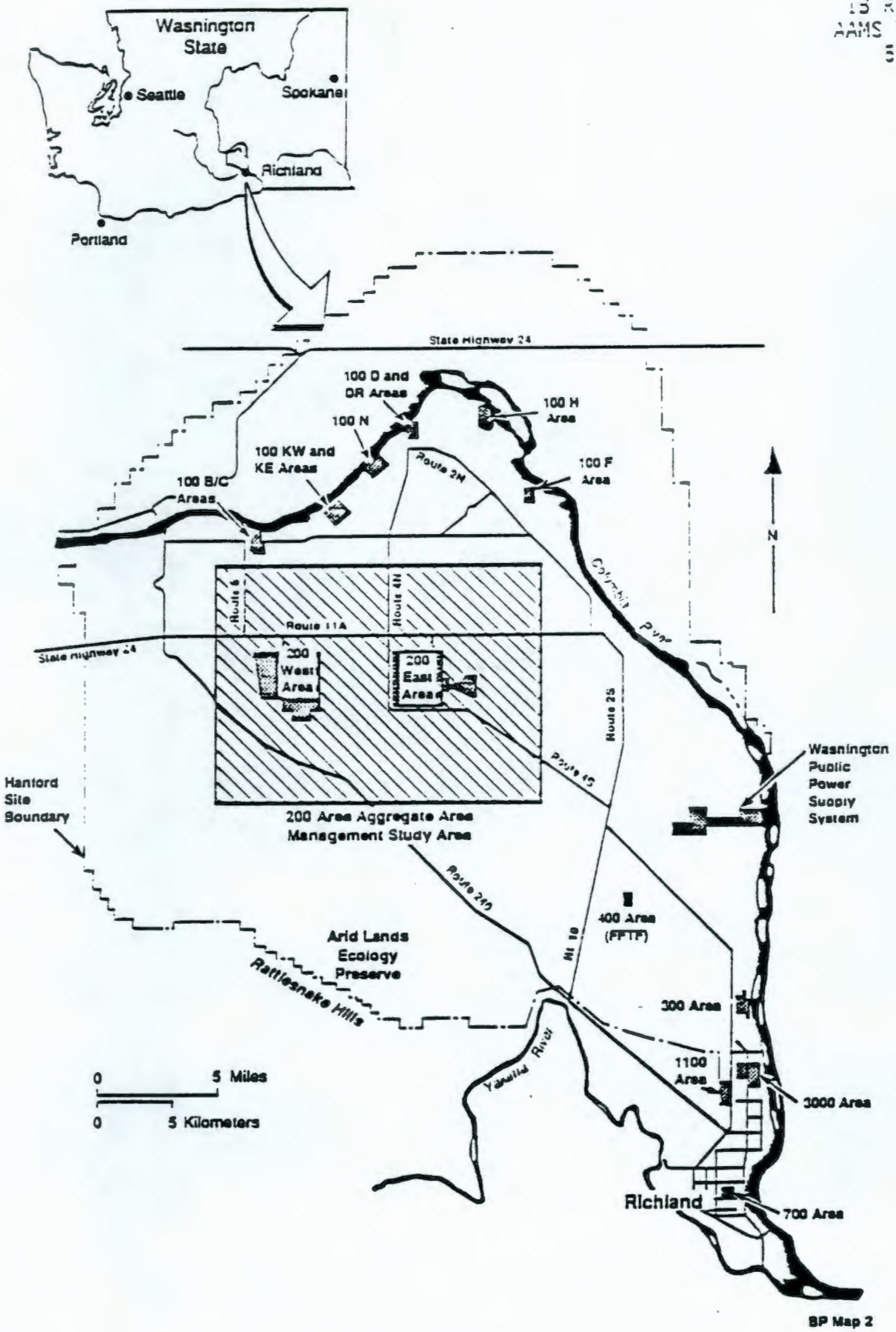

Figure 1. General Location of Aggregrate 200 Area Management Study

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ENCLOSURE 2

Westinghouse
Hanford Company

Internal
Memo

From: NEPA Documentation Group 81180-91-223
Phone: 376-7485 H4-57
Date: November 15, 1991
Subject: INFORMATION BULLETIN: AGGREGATE 200 AREA MANAGEMENT STUDY: GROUNDWATER SAMPLING AND WELL MAINTENANCE TASKS, HANFORD SITE, RICHLAND, WASHINGTON

To: S. J. Trent H4-56

cc: R. S. Weeks H4-57
EDMC H4-22
RSW:RHE/File/LB H4-57

An Information Bulletin (IB) for a groundwater sampling and well maintenance in support of the aggregate 200 Area management study has been prepared by the National Environmental Policy Act Documentation Group and is enclosed.

Please send the signature list and IB, under cover of a transmittal letter from the appropriate WHC Level III Manager to the responsible RL Program Office Manager for review. A draft transmittal letter and distribution sheet are enclosed for your use.

If you have any questions please contact me on 376-7485 or Ms. R. S. Weeks of my staff on 376-4482.

R. H. Engelmann
Manager

lmd

Enclosures 2

SIGNATURE LIST
INFORMATION BULLETIN

SUBJECT: AGGREGATE 200 AREA MANAGEMENT STUDY: GROUNDWATER SAMPLING AND WELL MAINTENANCE TASKS, HANFORD SITE, RICHLAND, WASHINGTON

ENVIRONMENTAL DIVISION

Prepared by: _____ R. S. Weeks — 11/5/91 Date

Reviewed by: _____ S. E. Knaus — 11/5/91 Date

I have reviewed the enclosed document and state to the best of my knowledge, that it was prepared in accordance with the U.S. Department of Energy (DOE) regulations, orders, and guidance governing the National Environmental Policy Act (NEPA) documentation. I understand that this document will be used by DOE as a basis for making a NEPA determination regarding the proposed action.

_____ R. H. Engelmann — 11-5-91 Date
Manager, NEPA Documentation

PROJECT/PROGRAM

I have reviewed the enclosed document and state to the best of my knowledge, that the material is true and accurately represented. I understand that this document will be used by DOE as a basis for making a NEPA determination regarding the proposed project.

_____ S. J. Trent — 11/5/91 Date

RL F 1325.6(EF) DEF012

United States Government | Department of Energy

Memorandum

Richland Operations Office

DATE: MAY 17 1992

REPLY TO ATTN OF: ERD:PMP\92-ERB-071

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) CATEGORICAL EXCLUSION (CX) DETERMINATION: AGGREGATE 200 AREA MANAGEMENT STUDY GROUNDWATER SAMPLING AND WELL MAINTENANCE TASK, HANFORD SITE, RICHLAND, WASHINGTON

TO: Carol M. Borgstrom, Director
Office of NEPA Oversight, EH-25, HQ

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Using authority delegated to me by the Assistant Secretary for Environmental Restoration and Waste Management (EM-1), I have determined that the subject proposed action fits within a typical Class of Action currently available for CX in Section D of the U.S. Department of Energy NEPA guidelines.

The attached CX and its supporting information bulletin are provided for your review as required by DOE Order 5440.ID. Any questions you have may be directed to me on FTS (509) 376-7395, or your staff may contact P. M. Pak on FTS (509) 376-4798, or the Richland Field Office NEPA Compliance Officer, P. F. X. Dunigan on FTS (509) 376-6667.

for John D. Wagoner
Manager

Attachment

cc w/att:
L. P. Duffy, EM-1
L. Lawson, EM-431 (2 copies)
R. S. Scott, EM-20
J. C. Tseng, EM-36

cc w/o att:
M. K. Harmon, EM-442
S. A. Mann, EM-44
J. L. Monhart, EM-442
R. P. Whitfield, EM-40

CATEGORICAL EXCLUSION FOR AGGREGATE 200 AREA MANAGEMENT STUDY (AAMS): GROUNDWATER SAMPLING AND WELL MAINTENANCE TASKS, HANFORD SITE

Proposed Action

The U.S. Department of Energy, Richland Field Office (RL) proposes to conduct environmental characterization and monitoring activities in the Aggregate Area Management Study of 200 East, West, and North Areas, as required by the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement).

Location of Action

200 Area, Hanford Site, Richland, Washington

Description of Proposed Action

The proposed action would, as defined in the Tri-Party Agreement, facilitate site characterization in ten AAMSs. The proposed action would integrate and upgrade at least 80 existing wells from the groundwater network program in the 200 Area. The AAMS schedule requires quarterly sampling for one year and the results would be analyzed to determine the number and location required for adequate characterization and help to delineate existing contaminated plume geometries. Transportation and handling of any waste would be performed in accordance with As Low As Reasonably Achievable principles, applicable Federal and State regulations and DOE Orders and guidelines. Access roads to each well in the monitoring network area are in place and disturbance to both plant and animal species would be minimal for activities such as site access, well development, and sampling collection. Workers would wear personal protective equipment as needed. The proposed activities would not affect, nor be located on environmentally sensitive areas, such as critical habitats, floodplains, or wetlands. The estimated cost of this work is $1.23 million.

CX to be Applied

The following CX was published in the Tuesday, September 7, 1990, Amendments to the U.S. Department of Energy, National Environmental Policy Act (NEPA) Guidelines, published in the *Federal Register* (55 FR 37174):

> "Site characterization and environmental monitoring, including siting, construction, or operation of characterization and monitoring devices, under CERCLA and RCRA, if the activities would not introduce or cause the inadvertent or uncontrolled movement of hazardous substances as defined in section 101(14) of CERCLA, pollutants or contaminants as defined in section 101(33) of CERCLA, or non-native organisms, and would not adversely affect environmentally sensitive areas...."

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This Cx is appropriate because the action would have minimal environmental impact, would not threaten violation of any requirements or regulations, would be located in a previously disturbed area, would not require construction or expansion of waste disposal sites, and would not adversely affect environmentally sensitive areas such as archeological sites, critical habitats, floodplains, and wetlands. In addition the action is not part of a proposed action that is or may be the subject of an Environmental Assessment or Environmental Impact Statement. Documentation for the project indicating satisfaction of the conditions of this CX will be maintained by RL.

I have reviewed the documentation and do not object to the use of this CX.

Signature: Paul F. X. Dunigan, Jr.
Paul F. X. Dunigan, Jr.
RL NEPA Compliance Officer

Date: May 12, 1992

Compliance Action

I have determined that the proposed action meets the requirements for the CX referenced above. Therefore, I have determined that the proposed action may be categorically excluded from further NEPA review and documentation.

Signature: _____
for John D. Wagoner, Manager
Richland Field Office

Date: _____

EH-25 has reviewed this determination* and has no objection.

Signature: _____
Carol M. Borgstrom, Director
Office of NEPA Oversight, EH-25

Date: _____

* Aggregate 200 Area Management Study: Groundwater Sampling and Well Maintenance Tasks, 200 Area, the Hanford Site, Richland, Washington

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APPENDIX B.5

Phase II Well List

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Table B.1-3. First Quarter, Phase II well network with annotation of wells requiring remediation.

#	WELL	PLUME LOCATION	REMEDIATION REQUIRED	#	WELL	PLUME LOCATION	REMEDIATION REQUIRED
1	2-E16-1	200 EAST	YES	22	2-E33-27	200 EAST	YES
2	2-E17-12	200 EAST	NO	23	6-36-46R	200 EAST	YES
3	2-E23-1	200 EAST	NO	24	6-37-43	200 EAST	NO
4	2-E23-2	200 EAST	NO	25	6-42-42A	200 EAST	YES
5	2-E24-3	200 EAST	NO	26	6-52-46A	200 EAST	NO
6	2-E24-4	200 EAST	NO	27	6-53-48A	200 EAST	NO
7	2-E24-5	200 EAST	YES	28	6-53-50	200 EAST	NO
8	2-E24-7	200 EAST	NO	29	6-54-45B	200 EAST	YES
9	2-E25-17	200 EAST	NO	30	6-54-48	200 EAST	NO
10	2-E26-2	200 EAST	NO	31	6-54-49	200 EAST	NO
11	2-E26-6	200 EAST	NO	32	6-55-60A	200 EAST	YES
12	2-E26-7	200 EAST	YES	33	6-56-43	200 EAST	NO
13	2-E26-8	200 EAST	NO	34	6-56-53	200 EAST	NO
14	2-E28-1	200 EAST	NO	35	6-59-55	200 EAST	YES
15	2-E28-2	200 EAST	YES	36	6-59-58	200 EAST	NO
16	2-E28-5	200 EAST	NO	1	2-W10-1	200 WEST	NO
17	2-E28-6	200 EAST	YES	2	2-W10-4	200 WEST	NO
18	2-E28-9	200 EAST	NO	3	2-W10-5	200 WEST	NO
19	2-E28-12	200 EAST	NO	4	2-W11-3	200 WEST	NO
20	2-E29-1	200 EAST	YES	5	2-W11-6	200 WEST	YES
21	2-E33-10	200 EAST	NO	6	2-W11-7	200 WEST	NO

#	WELL	PLUME LOCATION	REMEDIATION REQUIRED	#	WELL	PLUME LOCATION	REMEDIATION REQUIRED
7	2-W11-10	200 WEST	YES	28	2-W19-22	200 WEST	YES
8	2-W11-14	200 WEST	NO	29	2-W22-9	200 WEST	NO
9	2-W11-18	200 WEST	NO	30	2-W22-12	200 WEST	NO
10	2-W12-1	200 WEST	NO	31	2-W23-9	200 WEST	NO
11	2-W14-6	200 WEST	NO	32	2-W6-1	200 WEST	NO
12	2-W14-7	200 WEST	YES	33	6-31-65	200 WEST	YES
13	2-W14-8	200 WEST	YES	34	6-32-62	200 WEST	NO
14	2-W14-10	200 WEST	NO	35	6-35-66	200 WEST	NO
15	2-W15-2	200 WEST	NO	36	6-35-70	200 WEST	NO
16	2-W15-4	200 WEST	NO	37	6-36-61A	200 WEST	NO
17	2-W15-7	200 WEST	NO	38	6-38-65	200 WEST	NO
18	2-W18-3	200 WEST	NO	39	6-39-79	200 WEST	NO
19	2-W18-7	200 WEST	NO	40	6-40-62	200 WEST	NO
20	2-W18-15	200 WEST	NO	41	6-40-80	200 WEST	YES
21	2-W18-22	200 WEST	NO	42	6-44-64	200 WEST	NO
22	2-W19-2	200 WEST	NO	43	6-45-78	200 WEST	YES
23	2-W19-3	200 WEST	NO	44	6-46-79	200 WEST	YES
24	2-W19-4	200 WEST	YES				
25	2-W19-5	200 WEST	NO				
26	2-W19-8	200 WEST	YES				
27	2-W19-12	200 WEST	NO				

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;. D. Spice	H6-06
.. C. Swanson	H6-06
K. M. Thompson	A5-15
P. D. Thorne	K6-96
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