Selected Ground-Water Information for the Columbia Plateau Regional Aquifer System, Washington and Oregon, 1982-85: Volume III. Ground-Water Quality Data

By Richard J. Wagner and R.C. Lane

A Contribution of the Regional
Aquifer-System Analysis Program

U.S. Geological Survey
Open-File Report 93-359

Tacoma, Washington
1994

U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

Gordon P. Eaton, Director

For additional information write to:

District Chief
U.S. Geological Survey
1201 Pacific Avenue - Suite 600
Tacoma, Washington 98402

Copies of this report may be purchased from:

U.S. Geological Survey
Earth Science Information Center
Box 25286, MS 517
Denver Federal Center
Denver, CO 80225

CONTENTS

FIGURES

TABLES

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
acre	4,047	square meter

Temperature in degrees Fahrenheit (°F) can be converted to degrees Celsius (°C) as follows:

$$°C = 5/9 (°F-32)$$

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Selected Ground-Water Information For The Columbia Plateau Regional Aquifer System, Washington and Oregon 1982—1985: Volume III. Ground-Water Quality Data

By Richard J. Wagner and R.C. Lane

ABSTRACT

This data report presents ground-water information collected and analyzed as part of the U.S. Geological Survey's Regional Aquifer-System Analysis Program study of the Columbia Plateau. The information was gathered from July 1982 through August 1985 in the part of the aquifer system located in central and eastern Washington and north-central and northeastern Oregon. The report consists of three volumes: volume I, geohydrology; volume II, ground-water levels; and volume III, ground-water quality. This volume, III, presents ground-water quality data gathered from about 570 wells during the study.

INTRODUCTION

This report presents ground-water information collected and analyzed from July 1982 through August 1985 in the Columbia Plateau regional aquifer system of central and eastern Washington and north-central and northeastern Oregon (fig. 1). It is intended as a data report only, and any interpretive material herein has been published previously. The information was collected by the U.S. Geological Survey as part of its Regional Aquifer- System Analysis (RASA) program, to aid in the effective management of the region's important ground-water resources by providing information about the geohydrology and geochemistry of the aquifer system (Vaccaro, 1986a). Interpretive reports produced during this study are listed in the section Selected References.

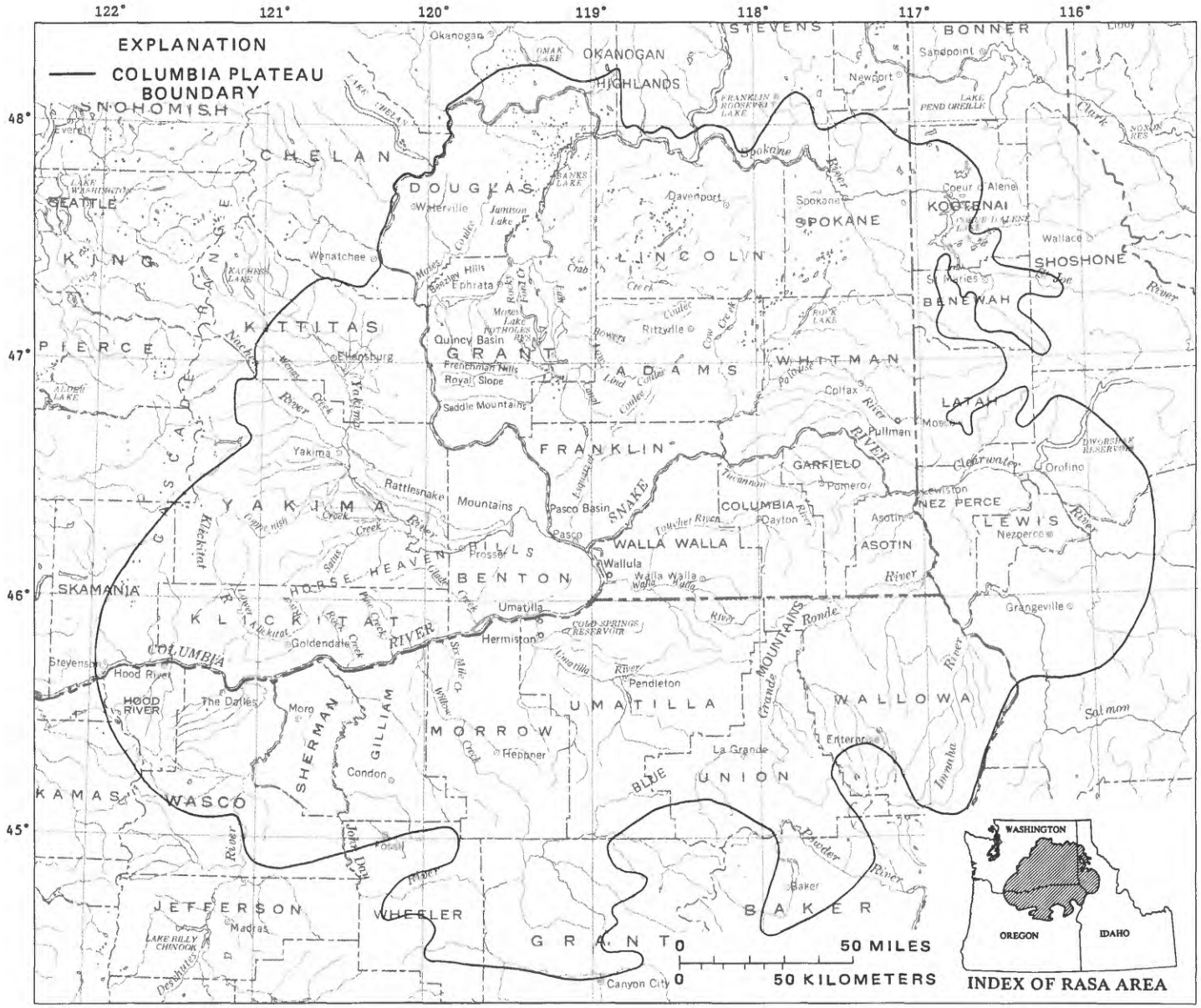
The report consists of three volumes: volume I, geohydrology; volume II, ground-water levels; and volume III, ground-water quality. This volume presents ground-water quality data collected from about 570 selected wells in the Columbia Plateau regional aquifer system area during the period July 1982 through August 1985. Water samples from the Hanford area in north-central Benton County were also analyzed for various radiochemical constituents. The radiochemical data from these and other well samples from the Hanford area are available in a report by Eddy and others (1983). The data in this volume are sorted by county, the counties are listed alphabetically, and wells within a county are listed in order of the local well numbers (township/range/section; see tables 1 and 2 at end of report). Many of the wells listed in the tables in this volume are also listed in volumes I and II. In particular, volume I gives the geohydrologic unit that contributes water to the wells presented in this report.

WELL-NUMBERING SYSTEM

Wells in Washington and Oregon are identified according to their location in the rectangular system used for the subdivision of public lands. The identification consists of the township number, north or south of the Willamette base line; the range number, east or west of the Willamette meridian; and the section number, numbered consecutively beginning with '1' in the northeast corner of the township-range, and progressing sinusoidally to '36' in the southeast corner as shown on figure 2.

In Washington, a section is further divided into sixteen 40-acre tracts called quarter-quarter sections. These 40-acre tracts are lettered consecutively (except for 'I' and 'O'), beginning with 'A' in the northeast corner of the section and progressing sinusoidally to 'R' in the southeast corner (fig. 2a). Within the 40-acre tract, each well is assigned a unique two-digit serial number.

In Oregon, a section is divided into sixty-four 10-acre tracts by first dividing the section into four 160-acre quarters, lettered consecutively 'a' through 'd', starting in the northeast corner and progressing counterclockwise. Each 160-acre quarter section is then divided into four 40-acre quarter-quarter sections, lettered 'a' through 'd' in the same manner as for the quarter sections. Each quarter-quarter section is then divided into four 10-acre tracts or quarter-quarter-quarter sections, which are also lettered 'a' through 'd' in the same manner used for the quarter and quarter-



Base from U.S. Geological Survey
State base maps, 1:500 000

Figure 1.--Location of study area.

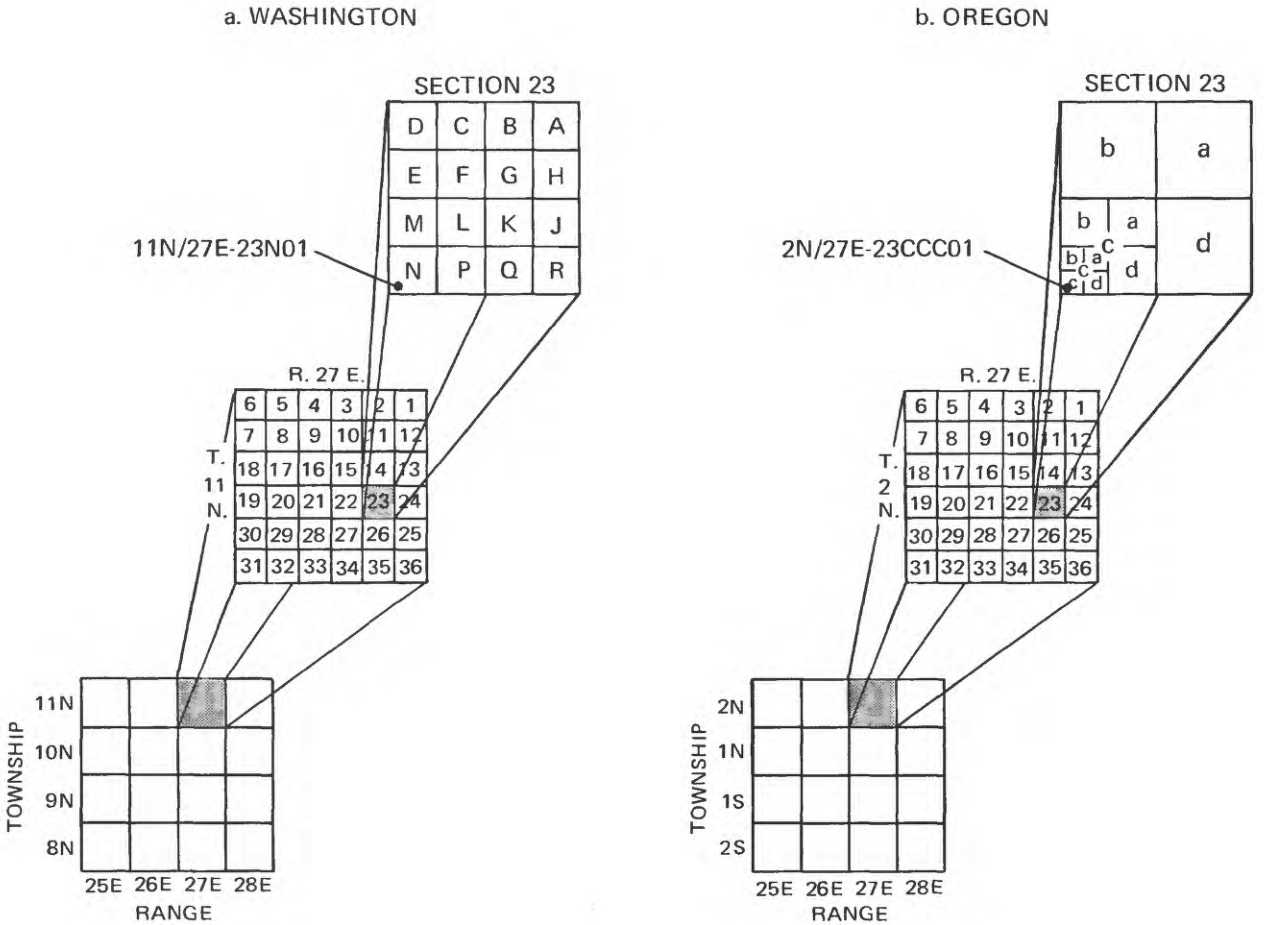


Figure 2.--Well-numbering system.

quarter sections. Where two or more wells are in the same 10-acre tract, a unique two-digit serial number is assigned to each well (fig. 2b).

For both States, the letter D and a one digit sequence number following the serial number indicate that a well has been deepened.

ACKNOWLEDGMENTS

The cooperation of the well owners, tenants, and well drillers who supplied information and allowed access to wells is gratefully acknowledged.

ORGANIZATION OF DATA TABLES

Table 1 lists all wells, by their local well number (see fig. 2), that have been sampled for analysis of the ground-water quality in the study area. The wells are also sorted by county. The depth of the well, the altitude of land surface, and the types of constituents analyzed are presented in table 1. The ground-water quality data are presented in tables 2, 3, and 4. Table 2 presents field data, and concentrations of major ions, nitrite plus nitrate, bacteria, boron, iron, magnesium, strontium, and lithium. Table 3 presents concentrations of trace elements. Table 4 presents concentrations of selected isotopes; these isotopes are the stable isotopes carbon-13, carbon-14, deuterium, and oxygen-18, and tritium.

METHODS OF ANALYSIS

The methods of water-quality analysis used by the U.S. Geological Survey to obtain the ground-water quality information listed in this volume are equivalent to or similar to those outlined by Fishman and Friedman (1989) or by other currently standard methods. Many of the terms used in the field of hydrology and water quality were defined by Hem (1985), Langbein and Iseri (1960), Lohman and others (1972), and the American Public Health Association and others (1989).

SELECTED REFERENCES

American Public Health Association and others, 1989, Standard methods for the examination of water and wastewater (17th ed.): New York, American Public Health Association, 875 p.

Bauer, H.H., and Vaccaro, J.J., 1990, Estimates of ground-water recharge to the Columbia Plateau regional aquifer system, Washington, Oregon, and Idaho, for predevelopment and current land-use conditions: U.S. Geological Survey Water-Resources Investigations Report 88-4108, 37 p.

Bauer, H.H., Vaccaro, J.J., and Lane, R.C., 1985, Maps showing ground-water levels in the Columbia River Basalt Group and overlying material, spring 1983, southeastern Washington: U.S. Geological Survey Water-Resources Investigations Report 84-4360, scale 1:500,000, 4 sheets.

Bauer, H.H., and Vaccaro, J.J., 1987, Documentation of a deep percolation model for estimating ground-water recharge: U.S. Geological Survey Open-File Report 86-536, 180 p.

Bortleson, G.C., and Cox, S.E., 1986, Occurrence of dissolved sodium in ground waters in basalts underlying the Columbia Plateau, Washington: U.S. Geological Survey Water-Resources Investigations Report 85-4005, 24 p.

Brown, Eugene, Skougstad, M.W., and Fishman, M.J., 1970, Methods for collection and analysis of water samples for dissolved minerals and gases: U.S. Geological Survey Techniques of Water Resources Investigations, Book 5, Ch. A1, 160 p.

Cline, D.R., and Knadle, M.E., 1990, Ground-water pumpage from the Columbia Plateau regional aquifer system, Washington, 1984: U.S. Geological Survey Water-Resources Investigations Report 87-4135, 32 p, 1 sheet.

Collins, C.A., 1987, Ground-water pumpage from the Columbia Plateau regional aquifer system, Oregon, 1984: U.S. Geological Survey Water-Resources Investigations Report 86-4211, 21 p.

Drost, B.W., and Whiteman, K.J., 1985, Surficial geology, structural features, and thickness of selected geohydrologic units in the Columbia Plateau, Washington: U.S. Geological Survey Water-Resources Investigations Report 84-4326, scale 1:500,000, 10 sheets.

Drost, B.W., Whiteman, K.J., and Gonthier, J.B., 1990, Geologic framework of the Columbia Plateau aquifer system, Washington, Oregon, and Idaho: U.S. Geological Survey Water-Resources Investigations Report 86-4238, scale 1:500,000, 10 sheets.

Eddy, P.A., Prater, L.S., and Regus, J.T., 1983, Ground-water surveillance at the Hanford site for CY 1982: Battelle Memorial Institute, Pacific Northwest Laboratory Publication PNL-4659, 39 p.

Fishman, M.J., and Friedman, L.C., 1989, Methods for determination of inorganic substances in water and fluvial sediments (3rd ed.): U.S. Geological Survey Techniques of Water-Resources Investigations, Book 5, Ch. A1, 545 p.

Gonthier, J.B., 1986, Geology, structure, and thickness of selected geohydrologic units in part of the Columbia Plateau, Oregon: U.S. Geological Survey Water-Resources Investigations Report 86-4001, scale 1:500,000, 6 sheets.

Hansen, A.J., 1993, Archiving of source code for the finite-difference flow model and the post-processors, and input and output files for the Columbia Plateau regional aquifer system, Washington, Oregon, and Idaho: U.S. Geological Survey Open-File Report 90-364, 9 p.

Hem, J.D., 1985, Study and interpretation of the chemical characteristics of natural water (3rd ed.): U.S. Geological Survey Water-Supply Paper 2254, 263 p.

Hearn, P.P., Steinkampf, W.C., Bortleson, G.C., and Drost, B.W., 1985, Geochemical controls on dissolved sodium in basalt aquifers of the Columbia Plateau, Washington: U.S. Geological Survey Water-Resources Investigations Report 84-4304, 38 p.

Lane, R.C., 1988a, Selected ground-water information for the Columbia Plateau regional aquifer system, Washington and Oregon, 1982-1985: Volume I. Geohydrology: U.S. Geological Survey Open-File Report 88-182, 236 p.

Lane, R.C., 1988b, Selected ground-water information for the Columbia Plateau regional aquifer system, Washington and Oregon, 1982-1985: Volume II. Water levels: U.S. Geological Survey Open-File Report 88-183, 136 p.

Lane, R.C., and Whiteman, K.J., 1989, Ground-water levels, spring 1985, and ground-water level changes, spring 1983 to spring 1985, in three basalt units underlying the Columbia Plateau, Washington and Oregon: U.S. Geological Survey Water-Resources Investigations Report 88-4018, scale 1:500,000, 4 sheets.

Langbein, W.B., and Iseri, K.T., 1960, General introduction and hydrologic definitions: U.S. Geological Survey Water-Supply Paper 1541-A, 29 p.

Lohman, S.W., and others, 1972, Definitions of selected ground-water terms--revisions and conceptual refinements: U.S. Geological Survey Water-Supply Paper 1988, 21 p.

Nelson, L.M., 1991, Surface-water resources for the Columbia Plateau, Washington, Oregon, and Idaho: U.S. Geological Survey Water-Resources Investigations Report 88-4105, scale 1:500,000, 4 sheets.

Steinkampf, W.C., 1989, Water-quality characteristics of the Columbia Plateau regional aquifer system in parts of Washington, Oregon, and Idaho: U.S. Geological Survey Water-Resources Investigations Report 87-4242, 37 p.

Steinkampf, W.C., Bortleson, G.C., and Packard, F.A., 1985, Controls on ground-water chemistry in the Horse Heaven Hills, south-central Washington: U.S. Geological Survey Water-Resources Investigations Report 85-4048, 26 p.

Vaccaro, J.J., 1986a, Plan of study for the regional aquifer-system analysis, Columbia Plateau, Washington, northern Oregon, and northwestern Idaho: U.S. Geological Water-Resources Investigations Report 85-4151, 25 p.

Vaccaro, J.J., 1986b, Columbia Plateau basalt regional aquifer-system study, *in* Sun, R.J., ed., Regional Aquifer-System Analysis Program of the U.S. Geological Survey, Summary of Projects, 1978-1984: U.S. Geological Survey Circular 1002, p.141-145.

Vaccaro, J.J., 1991, Sensitivity of ground-water recharge estimates to climate variability and change, Ellensburg basin, Columbia Plateau, Washington: U.S. Geological Survey Water-Resources Investigations Report 91-4001, 30 p.

Vaccaro, J.J., and Bauer, H.H., 1990, Archiving of deep percolation models, data files, and calculated recharge estimates for the Columbia Plateau regional aquifer system, Washington, Oregon, and Idaho: U.S. Geological Survey Open-File Report 88-186, 13 p.

Whiteman, K.J., 1986, Ground-water levels in three basalt geohydrologic units underlying the Columbia Plateau in Washington and Oregon, spring 1984: U.S. Geological Survey Water-Resources Investigations Report 86-4046, scale 1:500,000, 3 sheets.

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985*

[$NO_2 + NO_3$, nitrogen, nitrite plus nitrate, dissolved as N; bacteria, fecal coliform; Fe, iron; Mn, manganese; Sr, strontium; Li, lithium; --, no data]

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Adams County, Wash.			
15N/29E-04A02	1,210	1,050	X	--	X
15N/30E-12L01	1,380	1,240	X	--	--
15N/31E-05L01	1,330	1,260	X	--	--
15N/31E-08J01D1	1,210	1,275	X	--	--
15N/31E-08N01	1,030	1,220	X	--	--
15N/31E-16D01	1,410	1,260	X	--	--
15N/31E-31R01	304	1,120	X	--	--
15N/32E-07J01	1,900	1,300	X	--	--
15N/32E-08E01	1,980	1,309	X	--	--
15N/33E-02A01	830	1,500	X	--	--
15N/33E-02A01D1	1,200	1,500	X	--	--
15N/33E-15N02	480	1,420	X	--	--
15N/35E-02D01	342	1,710	X	--	--
15N/36E-28N01D1	380	1,012	X	--	--
15N/36E-33A02	510	1,030	X	--	--
16N/28E-04B01	179	1,020	X	--	--
16N/28E-05N01	290	1,000	X	--	--
16N/29E-34D01	1,040	1,080	X	--	--
16N/30E-26A02D1	1,060	1,370	X	--	--
16N/31E-14K01	1,340	1,410	X	--	X
16N/31E-33P01	540	1,300	X	--	X
16N/32E-11D01D1	1,410	1,480	X	--	--
16N/32E-14D01	1,310	1,378	X	--	--
16N/32E-18G01D2	1,540	1,580	X	--	--
16N/33E-17B02	600	1,660	X	--	X
16N/34E-13R02	400	1,700	X	--	--
16N/35E-31B01	620	1,575	X	--	--
16N/35E-32N01D1	1,100	1,583	X	--	--
16N/36E-06B02	560	1,690	X	--	--
16N/36E-11H01D1	200	1,560	X	--	X
16N/38E-04B01D1	300	1,640	X	--	--
17N/31E-03B01	1,360	1,420	X	--	--
17N/31E-07E01	126	1,260	X	--	X
17N/31E-11Q01	1,130	1,220	X	--	--
17N/31E-12D01	1,950	1,260	X	--	X

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Adams County, Wash.--Continued			
17N/33E-06D03	1,200	1,775	X	--	--
17N/33E-12F02	1,020	1,540	X	X	X
17N/34E-23F01	--	1,510	X	X	--
17N/35E-11H01D2	349	1,645	X	--	--
17N/37E-21G01	755	1,620	X	--	--
17N/38E-02K01	140	1,620	X	--	--
18N/31E-07E01D1	1,170	1,360	X	--	--
18N/31E-13E01	982	1,390	X	--	--
18N/31E-32R01	1,260	1,335	X	--	--
18N/31E-33D01	2,400	1,420	X	X	X
18N/32E-16C02	280	1,420	X	--	--
18N/33E-12C02	500	1,820	X	--	--
18N/35E-04B01	180	1,750	X	--	--
18N/35E-11K01	747	1,840	X	--	--
18N/35E-12Q01	256	1,789	X	--	--
18N/37E-09C02	294	1,760	X	--	--
18N/38E-28N02	155	1,685	X	--	--
18N/38E-29D01	--	1,645	X	--	--
19N/31E-14H02	630	1,425	X	--	--
19N/31E-24H01	1,060	1,480	X	--	X
19N/31E-27G01D1	1,410	1,480	X	--	--
19N/32E-04H02	710	1,620	X	--	--
19N/32E-24N01	2,240	1,700	X	--	--
19N/33E-07R01	1,720	1,790	X	--	--
19N/33E-08Q02	2,430	1,840	X	--	X
19N/34E-20B02	1,120	1,860	X	--	--
19N/36E-05B01	155	1,850	X	--	--
19N/36E-20H01D1	1,030	1,864	X	X	--
19N/36E-21C01D1	1,280	1,810	X	--	--
19N/38E-14K02	200	1,790	X	--	--
20N/31E-07H02	800	1,590	X	--	--
20N/31E-31A03	620	1,440	X	--	--
20N/32E-15D02	220	1,600	X	--	X
20N/32E-15L01D2	1,040	1,711	X	--	--
20N/33E-16E03	310	1,670	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Adams County, Wash.--Continued			
20N/33E-16E06	704	1,670	X	--	--
20N/34E-13R01	340	1,930	X	--	X
20N/35E-27A01	1,260	2,000	X	--	--
20N/35E-34M02	320	1,880	X	--	--
20N/37E-32D01	180	2,000	X	--	--
		Asotin County, Wash.			
08N/45E-29H01	180	1,620	X	--	--
08N/45E-35B01	164	3,620	X	--	--
10N/45E-02P01	205	1,520	X	--	--
10N/46E-20A02	225	800	X	X	--
10N/46E-21D01	539	800	X	--	--
11N/45E-20K01D1	190	759	X	--	--
11N/46E-32E01	1340	1,180	X	X	X
		Benton County, Wash.			
05N/24E-28G01	264	500	X	--	X
05N/24E-35R02	398	295	X	--	--
05N/25E-22M01	336	400	X	--	X
05N/26E-05N01D1	525	435	X	X	X
06N/24E-23N01	220	610	X	--	X
06N/26E-19K01	345	650	X	--	X
07N/24E-26B01	532	870	X	--	--
07N/25E-12R01	446	960	X	--	--
07N/25E-36N06	860	740	X	X	X
07N/26E-04E01	300	1,140	X	--	X
07N/26E-05B02D1	1,070	1,140	X	--	X
07N/27E-29Q01	325	1,150	X	--	X
08N/24E-01J01	1,260	735	X	--	--
08N/24E-15F01	410	1,200	X	--	--
08N/27E-01A01D1	155	670	X	--	--
08N/27E-01K01	510	770	X	--	--
08N/28E-07P01	435	720	X	--	--
08N/29E-17G01D1	430	760	X	--	--
08N/29E-17G02	245	760	X	X	--
08N/30E-07G04	66	380	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Benton County, Wash.--Continued			
08N/30E-17D02	62	400	X	--	--
08N/30E-19M01	330	570	X	--	--
08N/30E-22M02	30	360	X	--	--
09N/24E-04H01	320	1,200	X	--	--
09N/25E-33B01	715	660	X	--	--
09N/26E-12N01	130	590	X	--	--
09N/27E-07D01	360	600	X	X	--
09N/27E-21D01	825	720	X	--	--
09N/28E-04G01	314	370	X	--	--
09N/28E-06A02	90	460	X	--	--
09N/28E-17A01	1,100	560	X	X	--
09N/28E-27K01	525	620	X	--	--
09N/29E-33M01	292	510	X	--	--
10N/24E-31P01	359	1,100	X	--	--
10N/26E-28L02	925	1,280	X	--	--
10N/27E-29R02	330	570	X	--	--
10N/28E-14C02	80	400	X	X	X
12N/24E-30B01	1,280	1,100	X	--	--
13N/24E-27M04	970	1,160	X	--	--
		Chelan County, Wash.			
21N/21E-34A01	52	1,780	X	--	--
21N/22E-19K02	98	960	X	--	--
		Columbia County, Wash.			
10N/39E-20G01	50	1,680	X	--	--
10N/39E-31M01	460	1,920	X	--	--
10N/39E-32C01	484	1,660	X	--	--
10N/39E-32F01	1,440	1,660	X	X	X
12N/39E-10P01	395	1,040	X	--	--
13N/38E-27L02	399	607	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Douglas County, Wash.			
21N/22E-12G01D1	767	840	X	--	--
23N/24E-09E01	625	2,160	X	--	--
23N/26E-20D03	940	1,920	X	--	--
24N/21E-13A03	475	4,080	X	--	--
24N/25E-18E01	515	2,480	X	X	--
24N/26E-06H01	205	2,400	X	X	X
25N/22E-21H01D1	615	2,640	X	--	X
25N/25E-20Q01	640	2,260	X	--	--
26N/22E-25N01	325	2,850	X	--	--
26N/27E-17R01	80	2,200	X	--	--
		Franklin County, Wash.			
09N/29E-02G02	470	460	X	--	--
09N/30E-02R01	211	520	X	X	--
10N/28E-12F01	196	500	X	--	--
10N/29E-25G01	81	480	X	--	
10N/30E-03J01	230	630	X		X
10N/30E-35R01	127	520	X	--	--
10N/31E-09D01	310	540	X	--	--
10N/31E-32L02	350	540	X	--	--
10N/32E-03R01	540	860	X	--	--
10N/32E-23J01	300	560	X	--	--
11N/29E-03H01	552	915	X	--	
11N/29E-31N01	746	850	X	--	--
11N/30E-02R01	124	600	X	--	--
11N/30E-12D01	410	630	X	--	--
11N/30E-36M01	237	720	X	--	--
11N/31E-04P01	1,310	850	X	--	--
12N/28E-23H01D1	413	400	X	--	--
12N/29E-34B01D1	997	920	X	--	--
12N/30E-05B01	457	920	X	--	X
13N/28E-13N01	1,120	953	X		
13N/29E-08H01	453	1,000	X	X	X
13N/30E-31N01	235	900	X	--	--
13N/31E-01E01	1,320	860	X	X	X
13N/32E-03C01	300	790	X	--	X
13N/32E-07E02	652	1,070	X	X	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Franklin County, Wash.--Continued			
13N/33E-06M01D1	380	775	X	--	--
14N/29E-05A01	305	1,110	X	--	X
14N/29E-19Q01	420	1,090	X	--	--
14N/30E-10P01	433	1,016	X	--	--
14N/31E-19B01	320	1,115	X	--	--
14N/34E-25P01D1	220	1,000	X	--	--
14N/36E-19N01	940	1,360	X	--	--
		Garfield County, Wash.			
11N/41E-24E01	140	2,180	X	--	--
11N/42E-05C01	347	1,920	X	X	X
11N/43E-16H01	575	2,780	X	--	--
12N/42E-33Q01	130	1,980	X	--	--
12N/42E-34R01	57	2,060	X	--	--
13N/40E-14C01	250	660	X	--	X
14N/41E-34K01	105	1,380	X	--	X
14N/43E-32C01	220	656	X	--	--
14N/43E-33M01	340	749	X	--	--
		Gilliam County, Oreg.			
01N/21E-12CCD1	1,090	1,090	X	--	--
01N/22E-08ABD	590	690	X	--	--
03N/21E-28BBD	644	300	X	--	--
		Grant County, Wash.			
14N/23E-13D01	970	740	X	--	--
14N/23E-26A01D1	412	640	X	--	--
14N/23E-36L02	236	560	X	--	--
14N/25E-02C01	445	680	X	--	--
15N/23E-35J01	424	780	X	--	--
15N/23E-35P01	993	750	X	--	--
15N/25E-35H01	420	720	X	--	--
16N/23E-21J01	173	530	X	--	--
16N/24E-04H01	811	1,230	X	--	--
16N/25E-01Q01	907	1,040	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Grant County, Wash.--Continued			
16N/25E-04N01	70	1,180	X	X	--
16N/27E-10N01	250	960	X	--	--
17N/23E-02B01	364	1,500	X	--	X
17N/23E-23A01D1	905	1,260	X	--	X
17N/24E-22L01	280	1,230	X	--	--
17N/26E-18H01	310	1,187	X	--	--
17N/27E-31D01	810	1,170	X	--	--
17N/29E-24C01	210	1,270	X	--	--
17N/30E-33K01	1000	1,344	X	--	--
18N/23E-36H01	669	1,302	X		X
18N/24E-04D02	280	1,200	X	--	--
18N/25E-08C01	120	1,165	X	X	--
18N/26E-32C01	450	1,130	X	X	--
18N/26E-34K01	66	1,125	X	X	--
18N/28E-26F01	801	1,110	X	--	X
18N/29E-01A02	510	1,274	X	--	--
18N/29E-02A01	270	1,250	X	X	--
18N/30E-16R01	185	1,206	X	--	X
19N/23E-22M01	111	1,276	X	--	--
19N/25E-08A01	722	1,225	X	--	--
19N/26E-25D01	140	1,225	X	--	--
19N/26E-36E01	515	1,230	X	--	--
19N/27E-24H02	96	1,060	X	--	--
19N/27E-30N01	460	1,220	X	--	--
19N/29E-03B01	1,200	1,340	X	--	--
19N/29E-08L01	273	1,220	X	--	--
19N/30E-03E01	1,100	1,460	X	--	--
19N/30E-07L01	930	1,420	X	--	--
19N/30E-15L01	1,180	1,440	X	--	--
19N/30E-33B01	245	1,270	X	--	--
20N/23E-16D01	238	1,480	X	--	--
20N/25E-14K01	59	1,220	X	--	--
20N/25E-17Q01	158	1,190	X	--	--
20N/26E-26J01	527	1,260	X	--	--
20N/28E-11R01	110	1,250	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Grant County, Wash.--Continued			
20N/28E-32H01	712	1,187	X	--	--
20N/29E-01A01	1,360	1,460	X	--	X
20N/29E-33R01	112	1,280	X	--	--
21N/26E-15H01	1,850	1,330	X	X	X
21N/26E-28A01	65	1,240	X	X	--
21N/28E-19F02	115	1,155	X	--	X
21N/28E-36R01	138	1,280	X	--	--
21N/30E-03E02	1,340	1,670	X	X	--
21N/30E-23J01D1	1,330	1,680	X	--	X
22N/26E-04C02	105	2,240	X		
22N/26E-36B01	451	1,215	X	--	--
22N/27E-22H01	345	1,200	X	--	--
23N/27E-10B01	830	1,860	X	--	--
23N/29E-16E01	935	1,590	X	--	--
24N/28E-03B01	550	1,610	X	--	--
24N/29E-27P01	242	1,810	X	--	--
25N/30E-05L01	220	1,890	X	--	--
		Kittitas County, Wash.			
15N/19E-22R01	1,280	1,480	X	--	--
15N/20E-15R01	425	2,000	X	--	--
16N/20E-07Q01	543	2,100	X	--	--
16N/20E-32N01	580	2,040	X	--	--
17N/18E-04B01	150	1,580	X	--	--
17N/18E-11E01	750	1,490	X	--	--
17N/19E-05M01	69	1,590	X	X	--
17N/19E-11M01	145	1,590	X	--	--
17N/19E-32N01	715	1,900	X	--	--
17N/20E-05K01	450	1,960	X	--	X
17N/20E-16J01	127	1,900	X	--	--
17N/21E-21L01	631	2,500	X	--	--
17N/22E-23K01	310	1,080	X	--	--
17N/23E-30H01	200	640	X	--	--
18N/17E-26P01	340	1,960	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Kittitas County, Wash.--Continued			
18N/18E-26F01	132	1,660	X	--	--
18N/18E-28C01	57	1,570	X	--	--
18N/20E-06B01	380	2,500	X	--	--
18N/20E-27A01	465	2,280	X	--	--
19N/16E-23Q01D1	585	2,320	X	--	--
19N/16E-25B01	464	2,240	X	--	--
19N/16E-25C02	500	2,240	X	--	--
19N/17E-27N01	341	1,840	X	--	--
19N/18E-21A01	700	2,400	X	--	--
20N/13E-11C01	65	2,160	X	X	--
20N/14E-10A03	167	2,240	X	--	--
20N/14E-27J02	290	2,080	X	--	--
20N/15E-34N01	198	1,960	X		
		Klickitat County, Wash.			
02N/12E-03G01	340	100	X	--	--
02N/12E-03H01	175	120	X	--	--
02N/15E-18A01D1	300	560	X	--	--
03N/11E-05N03	420	1,640	X	--	--
03N/11E-30H01	423	120	X	--	--
03N/12E-16Q01	235	1,240	X	--	--
03N/13E-31L01	340	1,160	X	--	--
03N/15E-11N01	100	1,600	X	X	--
03N/15E-28P01	311	1,640	X	--	--
03N/16E-09C01	225	1,640	X	--	--
03N/17E-20H01	1,130	500	X	--	--
03N/21E-09N01D1	201	307	X	X	X
04N/11E-23P01	82	2,040	X	--	--
04N/12E-22P01	400	2,480	X	--	--
04N/13E-22Q01	143	480	X	--	--
04N/14E-01B01D2	700	1,640	X	--	--
04N/15E-05A02	280	1,720	X	--	--
04N/15E-15G01	295	1,640	X	--	--
04N/16E-11D03D1	1,080	1,920	X	--	--
04N/16E-17H03	305	1,680	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Klickitat County, Wash.--Continued			
04N/16E-32A01	102	1,720	X	--	--
04N/18E-17D01	352	1,840	X	--	--
05N/13E-01H01	297	1,200	X	--	--
05N/13E-26R01	103	2,280	X	--	--
05N/15E-15A01	362	2,320	X	--	--
05N/16E-27M02	380	2,200	X	--	--
05N/18E-29F01	530	2,320	X	--	--
05N/20E-28B01	330	2,500	X	--	--
05N/22E-27P02D1	812	1,120	X	--	--
05N/23E-13R02D1	1,450	580	X	--	X
05N/23E-30D01	843	900	X	X	X
06N/11E-31R01	223	1,640	X	--	--
06N/12E-35Q01	202	1,920	X	--	--
06N/20E-22G01	172	2,960	X	--	--
06N/20E-30P01	120	3,090	X	X	X
06N/23E-24B01	965	870	X	X	X
		Lincoln County, Wash.			
21N/32E-12H01D1	225	1,540	X	--	--
21N/32E-31C01	744	1,815	X	--	--
21N/33E-08K01	595	1,690	X	--	--
21N/33E-24B01	120	1,665	X	--	--
21N/34E-14M01	150	1,620	X	--	--
21N/34E-21K01	737	1,940	X	--	--
21N/34E-35A01	337	1,980	X	--	--
21N/36E-27P02	200	1,920	X	--	--
21N/38E-14E01	353	2,180	X	--	--
21N/38E-14J01	178	2,010	X	--	X
21N/38E-23L01	502	1,920	X	--	X
22N/31E-21F01	100	1,330	X	--	--
22N/32E-30D01	505	1,670	X	--	--
22N/33E-02K01	165	1,930	X	--	--
22N/33E-17N01	615	1,920	X	--	--
22N/34E-18M01	45	1,790	X	--	--
22N/35E-13H01	67	1,990	X	--	--
22N/35E-23E01D1	346	1,920	X	X	X

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Lincoln County, Wash.--Continued			
22N/36E-18N02D1	212	2,040	X	--	--
22N/36E-20A01	400	2,180	X	--	--
22N/37E-12C02D1	510	2,190	X	--	--
22N/38E-02D01D1	300	2,260	X	--	--
22N/39E-36H01	154	2,040	X	--	--
23N/31E-33E01	685	1,720	X	X	X
23N/33E-10A01	146	2,080	X	--	--
23N/35E-03H01D1	445	2,320	X	--	--
23N/35E-30F01	240	2,110	X	--	--
23N/36E-13N01	247	2,300	X	--	--
23N/37E-29F01	213	2,180	X	--	--
23N/38E-12A01	100	2,340	X	--	--
23N/39E-04B01	300	2,400	X	--	--
24N/31E-14E01	250	2,000	X	--	X
24N/33E-06Q01	185	2,040	X	--	--
24N/33E-18H01	350	1,990	X	--	--
24N/34E-23L01	596	2,250	X	--	--
24N/36E-03D01	125	2,380	X	--	--
24N/36E-16A02	160	2,370	X	--	--
24N/36E-16A03	224	2,370	X	X	--
24N/36E-16A04	261	2,370	X	--	--
24N/36E-16A05	365	2,370	X	--	--
24N/36E-16A07	635	2,370	X	X	--
24N/36E-16A08	750	2,370	X		
24N/37E-06Q01	165	2,370	X	--	--
24N/38E-02D01	85	2,400	X	--	--
24N/39E-26K01	100	2,440	X	--	--
25N/32E-17K01	300	2,060	X	--	--
25N/32E-35P01	1140	2,140	X	--	X
25N/33E-01B01	60	2,280	X	--	--
25N/33E-27A01	850	2,320	X	--	X
25N/35E-03E01D1	200	2,350	X	--	X
25N/35E-20D01	410	2,250	X		
25N/36E-27Q01	324	2,368	X	--	--
25N/37E-21L04	975	2,420	X	--	X
25N/37E-27E01	100	2,420	X	--	X

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Lincoln County, Wash.--Continued			
25N/38E-15N01	121	2,480	X	--	--
26N/32E-26D01	166	2,060	X		X
26N/33E-07E01	154	2,160	X	--	--
26N/33E-19D01	233	2,180	X	--	--
28N/37E-29L01	189	1,297	X	--	--
		Morrow County, Oreg.			
01N/25E-10CDD	227	1,000	X	--	--
01N/26E-05BBA	1,500	1,110	X	--	--
01N/27E-05CCB	892	1,280	X	--	--
01S/24E-03CDB	675	1,100	X	--	--
03S/28E-07CAD	422	2,700	X	X	X
04N/24E-14DAC	--	310	X	X	--
04N/25E-10BDC	685	280	X	--	X
04N/25E-13ADA	555	380	X	--	--
		Sherman County, Oreg.			
01N/17E-04CAA	712	1,320	X	--	--
01S/17E-18ADD	605	1,790	X	--	
03N/17E-28DDB1	458	200	X	--	
04S/15E-11DCB1	711	2,310	X	--	--
		Spokane County, Wash.			
21N/40E-27R01	400	2,180	X	--	--
21N/41E-02Q01	450	2,280	X	--	--
21N/43E-07G01	225	2,540	X	--	--
22N/41E-18Q01D1	196	2,260	X	--	--
22N/43E-04F02	566	2,420	X	--	
23N/40E-32R01D1	160	2,300	X	--	--
23N/41E-04C01	100	2,390	X	--	--
23N/41E-24P02D1	300	2,300	X	--	--
23N/42E-22H01	52	2,340	X	--	--
23N/43E-06G01	125	2,410	X	--	--
23N/43E-30R03	360	2,400	X	--	--
24N/40E-05Q01	50	2,400	X	--	--
24N/41E-01J02	60	2,390	X	--	--
24N/41E-14D01	775	2,410	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Spokane County, Wash.--Continued			
24N/42E-02E02	100	2,320	X	--	--
24N/42E-09Q03	325	2,350	X	--	--
		Umatilla County, Oreg.			
01S/32E-09BBA	1500	1,560	X	X	X
02N/28E-01DBB	640	930	X	--	--
02N/28E-10ABD	908	930	X	--	--
02N/32E-10CCD	1,010	1,080	X	--	--
02N/33E-14DAC	800	1,470	X	--	--
03N/28E-06DCC	1,140	670	X	--	--
03N/28E-35BAA	1,250	770	X	--	--
03N/29E-20BBB	300	690	X	--	--
04N/28E-11BAB	1,040	445	X	--	X
04N/30E-28CBB	665	805	X	--	--
04N/35E-19CDA	1,280	1,720	X	--	--
05N/28E-16ADD	1,130	455	X	X	X
		Union County, Oreg.			
01S/38E-24DDC1	1,150	2,750	X	--	--
01S/39E-09CDC1	1,460	2,710	X	--	--
03S/38E-05CBA1	1,540	2,775	X	--	--
04S/40E-19BAA1	1,200	2,793	X	--	--
		Walla Walla County, Wash.			
06N/31E-04P01	96	350	X	--	--
06N/32E-01Q01D1	1,150	450	X	--	--
06N/33E-03R01	170	480	X	--	--
06N/33E-08P01	325	563	X	X	--
06N/34E-07R01	1,660	520	X	--	--
06N/36E-04A03	190	980	X	--	--
06N/36E-07E02	605	820	X	--	--
07N/31E-10R01	84	380	X	--	--
07N/32E-07D01	400	590	X	--	--
07N/33E-35G01	100	450	X	X	--
07N/34E-21M03	675	530	X	--	--
07N/34E-36B02	145	585	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Walla Walla County, Wash.--Continued			
07N/35E-31B01	1,100	650	X	--	--
07N/35E-32H02	170	650	X	--	--
07N/35E-33H03	802	690	X	--	--
07N/35E-35C01	210	770	X	X	--
07N/36E-10B01	930	1,140	X		
07N/36E-27N04	122	1,040	X	--	--
07N/36E-30R01	270	900	X	--	--
08N/30E-01N01	58	390	X	X	--
08N/30E-11A01	298	380	X	--	--
08N/31E-21R01	125	370	X	--	--
08N/36E-21N01	703	940	X	--	--
09N/30E-35R01	56	350	X	--	--
09N/31E-34P01	243	500	X	--	--
09N/32E-20F01	175	570	X	--	--
09N/37E-11P01	342	1,280	X	--	--
		Wallowa County, Oreg.			
01N/42E-11CAC1	208	2,900	X	--	--
02S/44E-03ACD1	942	3,720	X	--	--
03N/46E-14ADA1	100	3,760	X	--	--
05N/43E-03BBC1	110	1,620	X	--	--
		Wasco County, Oreg.			
01N/12E-28DCD1	1,000	972	X	--	--
01S/13E-34ABC1	560	1,380	X	--	--
02S/12E-15DAB1	728	1,940	X	--	--
		Whitman County, Wash.			
11N/45E-17E01	225	840	X	--	--
11N/46E-19D01	530	800	X	--	--
13N/37E-15A01	850	1,240	X	--	--
13N/38E-28K01	165	591	X	--	--
13N/39E-07E01	630	1,440	X	--	--
13N/40E-03E01	279	720	X	--	--
13N/43E-02M01	250	780	X	--	--
13N/45E-03P01	120	2,640	X	--	--
14N/39E-12G01	604	1,360	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Whitman County, Wash.--Continued			
14N/39E-14B01	92	1,280	X	--	--
14N/40E-22D02	610	1,680	X	--	--
14N/42E-04F01	60	1,760	X	--	--
14N/42E-13B01	90	660	X	--	--
14N/43E-24R01	162	2,320	X	--	--
14N/44E-14P02	432	2,580	X	X	--
14N/45E-04D01	702	2,536	X	--	--
14N/45E-05D03	167	2,342	X	X	--
14N/45E-08E01	712	2,442	X	--	--
14N/46E-05B01	338	2,520	X	--	--
14N/46E-19M01	80	2,481	X	--	--
15N/40E-19K01	250	1,560	X	--	--
15N/43E-09P01	207	1,935	X	--	--
15N/43E-13H01	112	2,400	X	--	--
15N/45E-07R03	242	2,550	X	--	--
15N/45E-29G03	400	2,480	X	--	--
15N/45E-32N02	954	2,356	X	--	--
16N/39E-22J01	400	1,500	X	--	--
16N/41E-16K01	90	1,780	X	--	--
16N/42E-28M01	185	1,740	X		
16N/42E-34L01	141	1,840	X	--	--
16N/43E-14N02	750	2,114	X	--	--
16N/43E-17A01	120	2,190	X	--	--
16N/44E-26J01	125	2,550	X	--	--
16N/45E-16F01	170	2,610	X	--	--
17N/40E-20K01	60	1,520	X	--	--
17N/41E-09E01	95	1,600	X	--	--
17N/41E-30R01	175	1,760	X	--	--
17N/42E-01F01	199	2,260	X	--	--
17N/43E-29N01	207	1,950	X	--	--
17N/44E-11L01	88	2,200	X	--	--
17N/45E-04C01	380	2,490	X	--	--
18N/41E-04E01	119	2,040	X	--	--
18N/42E-23B01	225	2,320	X	--	--
18N/43E-32B01	85	2,280	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Whitman County, Wash.--Continued			
18N/43E-35P03	425	2,320	X	--	--
19N/40E-02B01	421	2,070	X	--	--
19N/41E-36Q02D1	480	1,960	X	--	--
19N/42E-15B01	185	2,240	X	--	X
19N/42E-19H01	500	2,180	X	--	--
19N/44E-21M01	325	2,520	X	--	--
19N/44E-22F01	280	2,520	X	--	--
20N/39E-12N02	284	2,120	X	--	--
20N/39E-32A01D1	363	1,940	X	--	--
20N/42E-19J01	241	2,020	X	--	--
20N/43E-10R01	308	2,220	X	--	X
20N/44E-12M01	145	2,460	X	--	--
		Yakima County, Wash.			
07N/22E-09E01	297	1,985	X	X	X
07N/22E-36H01	304	1,725	X	--	--
07N/23E-36R01	805	940	X	--	--
08N/22E-01G03	1,000	720	X	--	--
08N/22E-03K01	189	768	X	--	--
08N/22E-12N01	500	780	X	X	--
08N/23E-11M01D1	120	700	X	--	--
09N/21E-17C01	83	763	X	--	--
09N/21E-25J03	312	710	X	--	--
09N/22E-10R01	95	695	X	--	--
09N/22E-12P01	310	690	X	--	--
09N/23E-25G01	118	820	X	--	--
09N/23E-31F01	398	700	X	--	--
10N/16E-20E01D1	425	1,480	X	--	--
10N/17E-04F01	103	940	X	--	--
10N/17E-07R01	65	1,030	X	--	--
10N/18E-31N01	1,040	1,140	X	--	--
10N/20E-04L01	1,020	760	X	--	--
10N/20E-19J01	60	745	X	--	--
10N/21E-03H01	775	920	X	--	--
10N/21E-07K01	61	725	X	--	--
10N/21E-34L01	44	690	X	X	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Yakima County, Wash.--Continued			
10N/22E-31F01	420	760	X	--	--
10N/22E-15C01	185	860	X	--	--
10N/22E-25F02	1,160	750	X	--	--
10N/22E-36E01	1,060	730	X	--	--
10N/23E-08H01	120	1,073	X	--	--
11N/16E-34K02	457	1,200	X	--	--
11N/17E-02P01	870	1,060	X	--	--
11N/17E-32L02	177	930	X	--	--
11N/19E-10Q01	765	860	X	--	--
11N/19E-27H01	35	820	X	--	--
11N/20E-02H01	675	1,280	X	X	--
11N/20E-22R01	528	840	X	--	--
11N/21E-07F01	1,620	1,200	X	--	--
11N/21E-20D01	544	1,100	X	--	--
11N/21E-22G02	1,810	1,280	X	--	--
11N/21E-26F01	955	1,200	X	--	--
11N/22E-19N01	843	1,260	X	--	
12N/14E-24L01	70	3,200	X	--	
12N/15E-13D01	480	2,400	X	--	--
12N/16E-15F01D1	806	1,900	X	--	--
12N/17E-12J03	625	1,280	X	--	--
12N/18E-06B02	70	1,260	X	X	--
12N/19E-01E01	130	1,040	X	X	--
12N/19E-10L01	212	1,040	X	--	--
12N/19E-16P01	500	1,160	X	--	--
12N/20E-31H01	1,160	1,140	X	--	--
12N/21E-17Q01	1,550	1,480	X	--	--
12N/22E-21N01	1,430	1,820	X	--	--
13N/16E-24H01	1,470	1,942	X	--	--
13N/17E-19E01	800	1,860	X	--	
13N/17E-27C01	186	1,520	X	--	--
13N/18E-18K01	1,050	1,680	X	--	--
13N/18E-28R01	32	1,120	X	--	--
13N/19E-22J01	131	1,140	X	--	--
13N/19E-26R01	76	1,100	X	--	--

Table 1.--*Depth, altitude, and constituents determined in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Depth of well (feet below land surface)	Altitude of land surface (feet above sea level)	Constituents analyzed for: Field data, major ions, $NO_2 + NO_3$, bacteria, B, Fe, Mn, Sr, Li	Trace elements	Isotopes
		Yakima County, Wash.--Continued			
13N/19E-31B04	55	1,020	X	--	--
13N/20E-29E01	675	1,440	X	--	--
13N/21E-12D01	135	2,560	X	--	--
14N/16E-13B01	889	2,000	X	--	--
14N/17E-04H02	1,000	1,480	X	--	--
14N/17E-33Q01	335	1,730	X	--	--
14N/18E-12B08	122	1,300	X	--	--
14N/18E-12J02	290	1,260	X	--	--
14N/18E-15L01	770	1,560	X	--	--
14N/18E-25D01	110	1,200	X	--	--
14N/18E-32E01	80	1,270	X	--	--
14N/19E-11L01	623	2,000	X	--	X
14N/19E-15M01	380	1,520	X	--	X
14N/19E-32L01	56	1,160	X	--	--
14N/20E-20N02D1	600	2,020	X	--	X
15N/17E-12N01	550	1,720	X	--	--
16N/16E-24D01D1	818	2,288	X	--	
16N/17E-34J01D1	326	2,080	X	--	

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985*

[µS/cm, microsiemens per centimeter at 25°C; °C, degrees Celsius; mg/L, milligrams per liter; cols./100 mL, colonies per 100 milliliters; µg/L, micrograms per liter; <, less than; --, no data]

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform, fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.					
15N/29E-04A02	08-10-82	1500	440	9.3	26.5	0.8	--	21
	03-15-83	1355	432	9.3	26.0	1.4	<1	30
	07-27-83	0835	419	9.1	26.5	.9	--	19
15N/30E-12L01	05-19-83	1230	362	8.6	17.5	1.8	--	82
	07-29-83	1145	352	8.7	19.0	--	--	75
15N/31E-05L01	05-27-83	1650	397	8.0	19.0	1.9	--	99
	08-01-83	1230	392	8.0	19.5	--	--	90
15N/31E-08J01D1	05-26-83	1100	389	7.8	22.5	--	--	63
15N/31E-08N01	08-10-82	1045	390	8.8	23.0	3.3	--	45
	05-19-83	1330	400	8.8	23.0	.4	--	44
	07-29-83	1400	379	8.7	25.0	.7	--	33
15N/31E-16D01	05-26-83	1000	372	9.1	28.5	.5	--	14
15N/31E-31R01	08-10-82	0900	787	7.7	15.5	7.6	--	360
	03-14-83	1155	790	7.4	14.5	8.0	<1	360
	07-27-83	1230	788	7.7	15.5	7.8	--	360
15N/32E-07J01	05-20-83	1130	348	8.3	25.5	1.0	--	43
	08-02-83	0945	336	8.4	25.5	.8	--	43
15N/32E-08E01	08-09-82	1200	320	8.6	26.0	3.1	--	44
15N/33E-02A01	08-07-82	1400	318	8.4	17.0	4.3	--	130
15N/33E-02A01D1	03-16-83	1150	318	8.6	17.0	4.5	<1	110
	08-01-83	1545	336	8.5	19.0	.7	--	120
15N/33E-15N02	08-07-82	1600	565	8.1	17.0	7.3	--	260
	03-16-83	0915	527	7.7	16.0	9.8	<1	230
	08-01-83	1430	785	8.0	17.0	9.2	--	340

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
15N/29E-04A02	08-10-82	0	4.9	2.2	88	86	8	8.3
	03-15-83	0	6.7	3.3	89	83	7	8.3
	07-27-83	0	4.2	2.0	89	87	9	8.5
15N/30E-12L01	05-19-83	0	13	12	42	50	2	6.4
	07-29-83	0	12	11	46	54	2	7.0
15N/31E-05L01	05-27-83	0	20	12	41	44	2	9.7
	08-01-83	0	18	11	45	49	2	10
15N/31E-08J01D1	05-26-83	0	14	6.9	54	59	3	13
15N/31E-08N01	08-10-82	0	9.5	5.2	65	71	4	10
	05-19-83	0	9.6	4.9	69	72	5	11
	07-29-83	0	7.0	3.7	68	76	5	10
15N/31E-16D01	05-26-83	0	3.7	1.1	78	87	9	8.6
15N/31E-31R01	08-10-82	190	74	43	18	10	.4	4.4
	03-14-83	190	73	43	18	10	.4	4.1
	07-27-83	180	74	43	18	10	.4	4.0
15N/32E-07J01	05-20-83	0	9.3	4.9	57	70	4	7.0
	08-02-83	0	9.5	4.8	57	70	4	7.1
15N/32E-08E01	08-09-82	0	10	4.6	50	66	3	8.6
15N/33E-02A01	08-07-82	0	31	12	16	21	.6	3.7
15N/33E-02A01D1	03-16-83	0	27	9.6	27	34	1	4.8
	08-01-83	0	30	12	20	25	.8	4.2
15N/33E-15N02	08-07-82	140	68	23	15	11	.4	3.9
	03-16-83	98	58	20	14	12	.4	3.6
	08-01-83	210	90	28	16	9	.4	4.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Adams County, Wash.--Continued				
15N/29E-04A02	08-10-82	156	111	39	31	14	4.3	84
	03-15-83	162	112	42	34	16	4.8	87
	07-27-83	176	143	35	31	18	4.4	83
15N/30E-12L01	05-19-83	119	129	8	32	15	1.0	53
	07-29-83	125	124	14	26	17	1.3	57
15N/31E-05L01	05-27-83	136	166	0	31	19	.7	48
	08-01-83	135	165	0	32	19	.6	48
15N/31E-08J01D1	05-26-83	138	168	0	42	11	1.7	60
15N/31E-08N01	08-10-82	150	151	16	28	10	2.3	63
	05-19-83	153	156	15	29	11	2.3	65
	07-29-83	146	131	23	24	13	3.0	67
15N/31E-16D01	05-26-83	146	148	15	21	11	2.8	83
15N/31E-31R01	08-10-82	176	214	0	120	48	.4	45
	03-14-83	169	206	0	130	48	.4	45
	07-27-83	181	221	0	130	49	.4	44
15N/32E-07J01	05-20-83	149	172	0	18	9.8	1.8	66
	08-02-83	144	159	8	13	9.1	1.8	65
15N/32E-08E01	08-09-82	134	164	0	17	8.8	1.7	66
15N/33E-02A01	08-07-82	129	156	0	14	11	.3	44
15N/33E-02A01D1	03-16-83	127	139	8	16	15	.9	56
	08-01-83	129	145	6	18	16	.5	48
15N/33E-15N02	08-07-82	125	153	0	26	46	.2	41
	03-16-83	129	157	0	22	36	.3	43
	08-01-83	132	161	0	33	58	.2	40

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
15N/29E-04A02	08-10-82	332	0.36	--	35	13	2	31
	03-15-83	349	.58	90	36	--	2	--
	07-27-83	347	.34	90	40	--	<1	--
15N/30E-12L01	05-19-83	252	1.3	20	20	--	<10	--
	07-29-83	257	1.1	30	4	--	<1	--
15N/31E-05L01	05-27-83	265	.34	20	<3	--	3	--
	08-01-83	266	.29	20	<3	--	<1	--
15N/31E-08J01D1	05-26-83	286	<.10	40	480	--	55	--
15N/31E-08N01	08-10-82	283	<.10	--	<3	14	<1	58
	05-19-83	294	<.10	50	20	--	<10	--
	07-29-83	283	<.10	60	11	--	1	--
15N/31E-16D01	05-26-83	297	<.10	50	26	--	2	--
15N/31E-31R01	08-10-82	512	12	--	3	9	2	590
	03-14-83	504	9.2	20	7	--	7	--
	07-27-83	524	12	20	4	--	<1	--
15N/32E-07J01	05-20-83	259	.18	50	12	--	<1	--
	08-02-83	254	<.10	50	3	--	1	--
15N/32E-08E01	08-09-82	249	.26	--	<3	10	2	52
15N/33E-02A01	08-07-82	215	1.5	--	<3	4	<1	150
15N/33E-02A01D1	03-16-83	240	1.6	20	<3	--	3	--
	08-01-83	235	2.1	20	<3	--	<1	--
15N/33E-15N02	08-07-82	409	25	--	<3	7	14	330
	03-16-83	327	12	20	7	--	1	--
	08-01-83	504	35	10	6	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
15N/35E-02D01	08-07-82	1030	301	8.1	15.0	3.8	--	96
	05-24-83	1015	291	8.2	14.5	5.1	<1	92
	08-03-83	1045	293	8.1	15.0	5.1	--	92
15N/36E-28N01D1	08-06-82	1745	520	8.0	16.5	--	--	190
	05-24-83	1320	520	7.9	17.0	--	--	160
	08-22-83	1530	602	8.0	16.0	--	--	230
15N/36E-33A02	09-08-82	1015	410	7.7	20.0	.1	--	150
	05-24-83	1200	435	7.4	20.0	--	--	150
	08-26-83	1430	445	7.7	20.0	--	--	150
16N/28E-04B01	08-12-82	0730	710	7.7	15.0	7.8	--	320
	03-15-83	1715	860	7.4	15.0	8.0	<1	320
	07-28-83	0900	750	7.7	16.0	7.8	--	310
16N/28E-05N01	03-15-83	1705	695	7.8	15.0	8.0	<1	280
	07-28-83	1030	668	7.9	17.0	7.1	--	230
16N/29E-34D01	05-27-83	1500	385	8.3	24.5	.3	--	7
	08-22-83	1300	368	8.5	25.0	--	--	6
16N/30E-26A02D1	08-10-82	1200	350	9.0	29.5	.1	--	5
	05-19-83	1000	371	9.0	21.5	5.3	--	28
	08-30-83	1200	342	9.0	30.0	1.2	--	6
16N/31E-14K01	09-09-82	1345	320	8.6	25.5	.3	--	24
	05-24-83	0910	317	8.5	26.0	.2	--	26
16N/31E-33P01	09-08-82	1555	370	7.9	20.0	4.4	--	100
	03-15-83	1115	341	7.7	14.5	4.4	<1	110
	07-28-83	0915	353	7.9	20.0	5.1	--	100
16N/32E-11D01D1	08-09-82	0930	313	8.1	23.5	.2	--	43
	05-19-83	1530	300	8.2	23.0	.9	--	51
	08-02-83	1625	300	8.3	23.0	.7	--	47
16N/32E-14D01	05-27-83	1200	392	8.3	24.5	.3	--	62

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
15N/35E-02D01	08-07-82	0	17	13	25	34	1	7.1
	05-24-83	0	17	12	26	36	1	7.1
	08-03-83	0	17	12	27	37	1	7.2
15N/36E-28N01D1	08-06-82	0	44	20	47	33	1	8.5
	05-24-83	0	35	17	53	41	2	9.2
	08-22-83	0	53	24	42	27	1	8.7
15N/36E-33A02	09-08-82	0	29	19	40	35	1	7.1
	05-24-83	0	28	19	39	35	1	7.7
	08-26-83	0	28	19	39	35	1	7.7
16N/28E-04B01	08-12-82	41	62	39	29	16	.7	8.4
	03-15-83	42	64	39	33	18	.8	13
	07-28-83	31	63	38	33	18	.8	13
16N/28E-05N01	03-15-83	64	52	37	44	25	1	9.2
	07-28-83	32	44	29	50	31	1	11
16N/29E-34D01	05-27-83	0	1.8	.5	81	89	14	12
	08-22-83	0	1.6	.3	77	89	14	12
16N/30E-26A02D1	08-10-82	0	2.0	.1	75	91	14	8.5
	05-19-83	0	6.8	2.6	68	78	6	11
	08-30-83	0	1.9	.2	75	91	14	8.1
16N/31E-14K01	09-09-82	0	6.7	1.7	62	79	6	9.2
	05-24-83	0	7.1	1.9	60	78	5	9.5
16N/31E-33P01	09-08-82	0	22	12	31	37	1	9.0
	03-15-83	0	23	12	32	37	1	9.1
	07-28-83	0	22	12	32	37	1	9.2
16N/32E-11D01D1	08-09-82	0	12	3.1	47	66	3	8.7
	05-19-83	0	14	3.9	50	64	3	7.8
	08-02-83	0	13	3.5	46	64	3	8.3
16N/32E-14D01	05-27-83	0	17	4.8	57	62	3	11

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Adams County, Wash.--Continued					
15N/35E-02D01	08-07-82	146	177	0	7	4.2	0.4	44
	05-24-83	144	176	0	7.7	4.1	.4	44
	08-03-83	145	177	0	8	4.1	.4	42
15N/36E-28N01D1	08-06-82	249	304	0	23	16	.5	52
	05-24-83	240	293	0	19	12	.6	53
	08-22-83	271	331	0	25	19	.5	50
15N/36E-33A02	09-08-82	230	281	0	11	6.1	.8	76
	05-24-83	226	275	0	10	6.3	.9	76
	08-26-83	229	279	0	11	6.2	.9	73
16N/28E-04B01	08-12-82	276	336	0	60	12	.4	54
	03-15-83	278	339	0	83	18	.3	53
	07-28-83	283	345	0	80	20	.3	52
16N/28E-05N01	03-15-83	218	266	0	110	21	.7	56
	07-28-83	198	241	0	100	23	.6	53
16N/29E-34D01	05-27-83	170	207	0	26	14	2.6	64
	08-22-83	148	168	6	26	12	2.6	62
16N/30E-26A02D1	08-10-82	114	127	26	15	9.9	2.4	93
	05-19-83	151	160	12	22	11	1.8	79
	08-30-83	145	142	17	14	11	2.5	91
16N/31E-14K01	09-09-82	134	155	8	15	7.6	1.6	72
	05-24-83	144	168	4	13	6.8	1.7	72
16N/31E-33P01	09-08-82	143	174	0	26	12	.5	57
	03-15-83	143	174	0	24	10	.6	59
	07-28-83	148	180	0	25	12	.5	61
16N/32E-11D01D1	08-09-82	130	159	0	13	8.8	1.5	69
	05-19-83	128	156	0	16	10	1.5	68
	08-02-83	132	161	0	12	9.7	1.5	64
16N/32E-14D01	05-27-83	146	178	0	31	18	1.5	66

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
15N/35E-02D01	08-07-82	207	0.48	--	<3	7	14	330
	05-24-83	210	1.2	30	17	--	9	--
	08-03-83	207	.49	30	6	--	9	--
15N/36E-28N01D1	08-06-82	375	3.2	--	<3	33	2	180
	05-24-83	350	1.6	20	9	--	4	--
	08-22-83	404	4.2	20	21	--	5	--
15N/36E-33A02	09-08-82	327	<.10	--	8	26	80	75
	05-24-83	323	.14	20	21	--	74	--
	08-26-83	322	<.10	20	10	--	80	--
16N/28E-04B01	08-12-82	472	9.3	--	<3	10	4	590
	03-15-83	495	5.7	20	12	--	1	--
	07-28-83	504	8.0	10	<3	--	<1	--
16N/28E-05N01	03-15-83	487	5.9	30	16	--	2	--
	07-28-83	460	6.9	20	26	--	1	--
16N/29E-34D01	05-27-83	305	.17	50	23	--	14	--
	08-22-83	282	<.10	50	18	--	4	--
16N/30E-26A02D1	08-10-82	294	<.10	--	13	19	5	7
	05-19-83	294	.25	50	56	--	2	--
	08-30-83	291	<.10	60	16	--	<1	--
16N/31E-14K01	09-09-82	263	.74	--	16	16	3	25
	05-24-83	260	.26	40	11	--	5	--
16N/31E-3301	09-08-82	257	.35	--	24	12	3	120
	03-15-83	257	.32	30	34	--	4	--
	07-28-83	265	.68	20	6	--	<1	--
16N/32E-11D01D1	08-09-82	243	.35	--	<3	15	<1	46
	05-19-83	250	.57	40	30	--	<10	--
	08-02-83	241	.77	40	4	--	<1	--
16N/32E-14D01	05-27-83	295	.24	40	<3	--	2	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
16N/32E-18G01D2	05-26-83	1530	375	9.4	26.0	0.5	--	12
	08-03-83	1030	355	9.2	26.0	.7	--	12
16N/33E-17B02	08-09-82	1700	287	8.0	19.5	6.9	--	110
	03-17-83	1250	277	7.9	12.5	7.4	<1	110
	08-02-83	1115	279	7.8	20.0	--	--	110
16N/34E-13R02	08-09-82	0940	240	7.8	17.5	--	--	100
	05-24-83	1510	231	8.3	16.0	--	<1	100
	08-02-83	1245	231	8.0	17.5	--	--	100
16N/35E-31B01	08-07-82	0815	266	7.9	16.0	8.8	--	110
	05-24-83	0900	261	7.4	16.0	8.2	--	110
	08-30-83	1400	255	7.9	16.0	8.4	--	110
16N/35E-32N01D1	05-27-83	0945	262	7.6	16.5	7.9	--	120
	09-06-83	1630	260	7.9	16.5	8.1	--	120
16N/36E-06B02	08-05-82	1300	381	7.8	17.0	8.3	--	160
	05-25-83	1100	389	8.0	15.0	--	<1	160
	08-02-83	1430	372	7.6	17.5	8.8	--	160
16N/36E-11H01D1	08-05-82	1155	340	7.8	14.0	7.3	--	160
	05-25-83	1245	348	8.2	14.5	8.9	--	160
	08-02-83	1600	337	7.6	14.0	9.3	--	160
16N/38E-04B01D1	08-06-82	0915	790	7.6	15.0	7.6	--	340
	08-30-83	1115	740	7.9	16.0	1.4	--	270
17N/31E-03B01	05-24-83	1310	301	8.3	23.5	8.3	--	35
17N/31E-07E01	08-11-82	1600	976	7.6	15.0	6.2	--	390
	03-17-83	0855	625	7.7	14.5	7.7	<1	240
	08-01-83	1500	710	7.9	15.0	6.9	--	270
17N/31E-11Q01	05-20-83	1105	372	8.1	18.5	4.5	--	87
	08-02-83	1430	370	8.1	18.0	5.2	--	90

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
16N/32E-18G01D2	05-26-83	0	2.9	1.1	78	89	10	7.2
	08-03-83	0	2.9	1.1	77	89	10	7.4
16N/33E-17B02	08-09-82	0	23	13	20	27	.8	3.5
	03-17-83	0	23	13	20	27	.8	3.4
	08-02-83	0	22	13	20	28	.8	3.5
16N/34E-13R02	08-09-82	0	25	9.1	9.6	17	.4	3.6
	05-24-83	0	25	9.3	9.1	16	.4	3.4
	08-02-83	0	25	9.4	9.6	17	.4	3.5
16N/35E-31B01	08-07-82	0	26	10	12	19	.5	2.9
	05-24-83	0	26	11	12	19	.5	2.9
	08-30-83	0	27	11	12	18	.5	2.7
16N/35E-32N01D1	05-27-83	0	28	11	13	19	.5	3.1
	09-06-83	0	28	11	12	18	.5	3.3
16N/36E-06B02	08-05-82	45	39	15	14	16	.5	3.2
	05-25-83	49	39	16	12	14	.4	3.1
	08-02-83	49	40	15	13	15	.4	3.3
16N/36E-11H01D1	08-05-82	23	43	12	8.2	10	.3	2.5
	05-25-83	18	43	13	8.5	10	.3	2.6
	08-02-83	26	44	13	8.3	10	.3	2.7
16N/38E-04B01D1	08-06-82	100	75	38	34	18	.8	3.6
	08-30-83	43	58	30	47	27	1	6.2
17N/31E-03B01	05-24-83	0	9.2	3.0	52	72	4	7.4
17N/31E-07E01	08-11-82	130	76	48	48	21	1	3.4
	03-17-83	5	47	30	43	27	1	5.3
	08-01-83	32	51	34	45	26	1	4.8
17N/31E-11Q01	05-20-83	0	22	7.7	43	49	2	8.8
	08-02-83	0	23	7.9	42	47	2	8.9

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Adams County, Wash.--Continued				
16N/32E-18G01D2	05-26-83	155	115	42	14	11	3.7	93
	08-03-83	149	133	33	12	12	2.8	89
16N/33E-17B02	08-09-82	139	169	0	10	2.8	.4	48
	03-17-83	141	172	0	8.3	2.8	.5	48
	08-02-83	139	169	0	9.0	3.0	.4	46
16N/34E-13R02	08-09-82	116	142	0	<5.0	2.2	.2	49
	05-24-83	119	145	0	3.6	2.1	.2	49
	08-02-83	120	147	0	<5.0	2.2	.2	49
16N/35E-31B01	08-07-82	126	148	0	6.0	4.7	.3	47
	05-24-83	123	150	0	6.2	4.8	.3	47
	08-30-83	127	155	0	6.3	4.9	.3	47
16N/35E-32N01D1	05-27-83	125	152	0	7.5	6.3	.3	49
	09-06-83	123	150	0	7.6	6.1	.3	49
16N/36E-06B02	08-05-82	114	139	0	19	23	.3	45
	05-25-83	114	139	0	19	26	.3	45
	08-02-83	112	137	0	17	27	.3	44
16N/36E-11H01D1	08-05-82	134	163	0	13	13	.2	36
	05-25-83	143	174	0	14	11	.2	36
	08-02-83	137	167	0	12	13	.2	35
16N/38E-04B01D1	08-06-82	241	294	0	80	55	.3	44
	08-30-83	226	275	0	80	54	.4	38
17N/31E-03B01	05-24-83	148	180	0	12	6.8	1.6	63
17N/31E-07E01	08-11-82	261	318	0	50	61	.4	43
	03-17-83	236	288	0	53	12	.4	47
	08-01-83	235	287	0	53	31	.4	44
17N/31E-11Q01	05-20-83	144	176	0	30	11	1.1	59
	08-02-83	134	163	0	27	13	1.1	57

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
16N/32E-18G01D2	05-26-83	310	<0.10	70	34	--	<1	--
	08-03-83	303	.10	70	28	--	<1	--
16N/33E-17B02	08-09-82	206	.50	--	<3	5	<1	130
	03-17-83	205	.37	20	5	--	1	--
	08-02-83	202	.51	20	3	--	<1	--
16N/34E-13R02	08-09-82	--	.27	--	<3	10	1	140
	05-24-83	174	.33	20	7	--	<1	--
	08-02-83	--	.34	20	5	--	2	--
16N/35E-31B01	08-07-82	184	.56	--	<3	<4	<1	130
	05-24-83	192	1.8	20	9	--	<1	--
	08-30-83	190	.54	20	4	--	<1	--
16N/35E-32N01D1	05-27-83	196	.76	20	13	--	<1	--
	09-06-83	194	.70	20	5	--	5	--
16N/36E-06B02	08-05-82	255	6.4	--	<3	9	3	170
	05-25-83	258	6.6	10	12	--	<1	--
	08-02-83	254	6.1	10	4	--	<1	--
16N/36E-11H01D1	08-05-82	224	3.6	--	<3	<4	6	170
	05-25-83	232	4.0	10	13	--	<1	--
	08-02-83	226	3.5	10	3	--	<1	--
16N/38E-04B01D1	08-06-82	502	6.1	--	4	16	2	460
	08-30-83	465	3.7	20	7	--	3	--
17N/31E-03B01	05-24-83	244	<.10	40	11	--	<1	--
17N/31E-07E01	08-11-82	584	22	--	<3	18	<1	520
	03-17-83	418	8.8	30	<3	--	2	--
	08-01-83	457	12	30	<3	--	<1	--
17N/31E-11Q01	05-20-83	280	2.4	30	<3	--	2	--
	08-02-83	272	2.6	30	4	--	1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
17N/31E-12D01	08-10-82	1300	295	8.2	27.5	0.1	--	39
	05-24-83	1125	293	8.3	28.0	.1	--	39
	07-29-83	1245	290	8.0	27.5	.3	--	47
17N/33E-06D03	05-25-83	1020	273	8.0	26.5	1.3	--	44
	08-02-83	1155	283	8.2	26.5	1.5	--	46
17N/33E-12F02	08-10-82	1050	300	7.8	19.0	.6	--	32
	03-17-83	1445	295	8.2	19.0	1.0	<1	34
	08-02-83	0940	300	8.3	19.0	1.0	--	31
17N/34E-23F01	08-10-82	0845	780	7.7	14.5	5.7	--	320
	05-24-83	1630	1,020	7.8	14.0	8.1	<1	420
17N/34E-23F01	08-03-83	1730	1,170	7.6	14.0	6.5	--	460
17N/35E-11H01D2	08-06-82	1230	350	7.7	15.5	7.8	--	140
	05-25-83	1430	243	7.7	14.5	--	--	100
	08-30-83	1630	262	7.7	14.5	8.0	--	100
17N/37E-21G01	08-05-82	1600	257	8.6	19.5	--	--	37
	08-04-83	1645	266	8.4	18.5	2.7	--	52
17N/38E-02K01	08-04-82	1750	418	7.3	12.0	4.1	--	180
	05-24-83	1630	565	7.3	12.0	4.8	<1	230
	08-03-83	1515	395	7.1	12.5	5.0	--	160
18N/31E-07E01D1	08-12-82	1030	372	8.3	21.5	.2	--	21
	05-19-83	1455	348	8.4	20.5	.1	--	23
	08-03-83	1410	380	8.5	21.5	.3	--	21
18N/31E-13E01	05-24-83	1450	362	8.2	19.5	.3	--	56
	08-31-83	1005	365	8.1	19.5	2.4	--	59
18N/31E-32R01	08-11-82	0930	330	7.9	21.0	.4	--	68
	05-19-83	1755	360	8.0	19.5	.2	--	79
	07-29-83	1120	323	8.1	21.0	.5	--	72

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
17N/31E-12D01	08-10-82	0	11	2.9	45	67	3	7.5
	05-24-83	0	11	2.9	50	69	3	7.8
	07-29-83	0	13	3.5	45	63	3	7.5
17N/33E-06D03	05-25-83	0	12	3.3	41	63	3	7.4
	08-02-83	0	13	3.4	42	62	3	7.4
17N/33E-12F02	08-10-82	0	9.0	2.2	52	73	4	7.5
	03-17-83	0	9.5	2.4	55	73	4	7.5
	08-02-83	0	8.8	2.3	52	73	4	7.7
17N/34E-23F01	08-10-82	170	74	32	32	18	.8	6.9
	05-24-83	220	95	45	62	24	1	7.3
17N/34E-23F01	08-03-83	270	110	46	62	22	1	7.2
17N/35E-11H01D2	08-06-82	0	31	16	15	18	.5	3.4
	05-25-83	0	22	11	13	21	.6	3.2
	08-30-83	0	22	11	13	21	.6	3.1
17N/37E-21G01	08-05-82	0	9.5	3.3	42	66	3	7.0
	08-04-83	--	12	5.4	36	56	2	6.8
17N/38E-02K01	08-04-82	50	42	17	16	16	.5	2.2
	05-24-83	80	54	23	21	16	.6	2.4
	08-03-83	39	38	17	17	18	.6	2.0
18N/31E-07E01D1	08-12-82	0	5.8	1.6	69	82	7	8.7
	05-19-83	0	6.1	1.8	67	81	6	8.2
	08-03-83	0	5.8	1.7	70	83	7	8.3
18N/31E-13E01	05-24-83	0	12	6.4	55	64	3	8.4
	08-31-83	0	13	6.5	58	65	3	8.0
18N/31E-32R01	08-11-82	0	16	6.9	43	54	2	9.1
	05-19-83	0	18	8.3	43	50	2	9.9
	07-29-83	0	17	7.2	43	53	2	8.7

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Adams County, Wash.--Continued					
17N/31E-12D01	08-10-82	127	155	0	9.0	12	1.5	67
	05-24-83	143	174	0	9.2	6.5	1.5	70
	07-29-83	134	163	0	9.0	6.3	1.4	67
17N/33E-06D03	05-25-83	133	162	0	5.9	5.6	1.7	65
	08-02-83	132	161	0	6.0	5.6	1.6	63
17N/33E-12F02	08-10-82	131	160	0	7.0	10	1.9	66
	03-17-83	134	163	0	7.7	10	.5	68
	08-02-83	137	167	0	7.0	10	2.1	63
17N/34E-23F01	08-10-82	144	176	0	110	79	.3	46
	05-24-83	207	252	0	180	110	.3	45
17N/34E-23F01	08-03-83	192	234	0	200	13	.3	45
17N/35E-11H01D2	08-06-82	156	190	0	11	7.0	.3	46
	05-25-83	123	150	0	5.3	3.4	.4	47
	08-30-83	123	150	0	5.5	3.7	.4	46
17N/37E-21G01	08-05-82	118	--	--	10	3.5	.8	60
	08-04-83	--	--	--	9.0	4.1	.9	55
17N/38E-02K01	08-04-82	125	152	0	20	17	.2	40
	05-24-83	149	182	0	28	32	.2	39
	08-03-83	125	153	0	22	14	.2	39
18N/31E-07E01D1	08-12-82	169	206	0	29	10	1.5	65
	05-19-83	141	168	2	32	8.7	1.5	64
	08-03-83	139	170	0	31	11	1.4	64
18N/31E-13E01	05-24-83	144	176	0	21	12	1.6	57
	08-31-83	144	176	0	19	13	1.5	60
18N/31E-32R01	08-11-82	140	171	0	19	9.1	1.3	62
	05-19-83	146	178	0	28	12	1.0	55
	07-29-83	140	171	0	20	9.6	1.2	60

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
17N/31E-12D01	08-10-82	233	0.18	--	<3	23	<1	44
	05-24-83	245	<.10	40	5	--	<1	--
	07-29-83	233	.10	30	6	--	<1	--
17N/33E-06D03	05-25-83	222	.15	40	19	--	4	--
	08-02-83	222	.15	40	3	--	<1	--
17N/33E-12F02	08-10-82	235	.22	--	<3	30	2	29
	03-17-83	242	.35	50	<3	--	<1	--
	08-02-83	236	.24	50	3	--	<1	--
17N/34E-23F01	08-10-82	503	8.1	--	<3	20	<1	340
	05-24-83	731	14	30	8	--	<1	--
17N/34E-23F01	08-03-83	769	12	20	4	--	<1	--
17N/35E-11H01D2	08-06-82	230	1.6	--	<3	5	<1	15
	05-25-83	184	1.1	10	7	--	1	--
	08-30-83	183	1.1	10	4	--	4	--
17N/37E-21G01	08-05-82	210	.30	--	<3	27	1	47
	08-04-83	207	.58	20	4	--	1	--
17N/38E-02K01	08-04-82	274	10	--	5	13	4	220
	05-24-83	351	14	10	16	--	<1	--
	08-03-83	264	9	10	8	--	6	--
18N/31E-07E01D1	08-12-82	292	<.10	--	<3	38	4	19
	05-19-83	274	<.10	30	<3	--	3	--
	08-03-83	277	<.10	30	4	--	2	--
18N/31E-13E01	05-24-83	260	.11	30	<3	--	6	--
	08-31-83	266	<.10	30	12	--	7	--
18N/31E-32R01	08-11-82	251	<.10	--	7	14	5	69
	05-19-83	264	.19	30	3	--	4	--
	07-29-83	251	.13	30	5	--	4	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
18N/31E-33D01	05-19-83	1905	400	9.3	36.5	0.0	--	5
	08-01-83	1615	385	9.2	36.5	.2	--	6
18N/32E-16C02	08-10-82	1705	303	8.3	18.5	.1	--	26
	03-17-83	1045	341	8.3	17.5	.4	<1	52
	08-01-83	1315	340	8.4	18.0	.7	--	35
18N/33E-12C02	08-11-82	0825	325	8.0	17.5	5.7	--	94
	03-17-83	1630	321	8.0	17.5	4.1	<1	110
	08-04-83	1230	358	8.2	18.0	5.5	--	120
18N/35E-04B01	08-09-82	1700	231	8.0	14.0	6.8	--	87
	05-19-83	1630	271	7.9	13.0	--	<1	110
	08-03-83	1300	247	8.2	14.5	6.0	--	89
18N/35E-11K01	08-09-82	1800	320	8.2	18.5	2.5	--	81
	05-20-83	1330	305	8.2	18.5	2.6	<1	70
	08-03-83	1130	318	8.3	15.5	5.5	--	110
18N/35E-12Q01	05-25-83	1730	790	7.8	14.0	2.4	--	350
	09-06-83	1515	755	7.9	15.0	6.0	--	320
18N/37E-09C02	09-09-82	1630	335	7.9	15.0	8.4	--	150
18N/38E-28N02	08-30-83	1345	212	7.3	13.5	8.3	--	85
18N/38E-29D01	08-10-82	1300	213	7.7	13.5	7.4	--	97
	08-04-83	1130	216	8.0	13.0	7.2	--	94
19N/31E-14H02	08-14-82	1245	750	7.9	18.0	6.3	--	240
19N/31E-24H01	05-19-83	1130	470	8.9	19.5	.4	--	42
	07-30-83	1615	455	8.6	19.0	.3	--	38
19N/31E-27G01D1	05-23-83	1730	361	8.6	26.0	.1	--	12
19N/32E-04H02	05-24-83	1715	360	8.1	17.0	4.4	--	110
	08-30-83	1425	382	7.6	17.0	2.3	--	110

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
18N/31E-33D01	05-19-83	0	1.8	0.13	89	93	17	7.1
	08-01-83	0	1.9	.33	87	93	15	6.8
18N/32E-16C02	08-10-82	0	6.9	2.1	53	75	5	9.5
	03-17-83	0	13	4.8	48	60	3	14
	08-01-83	0	9.0	3.0	54	71	4	10
18N/33E-12C02	08-11-82	0	21	10	27	36	1	9.1
	03-17-83	0	24	11	25	32	1	7.8
	08-04-83	0	26	13	22	27	.9	7.4
18N/35E-04B01	08-09-82	5	24	6.6	12	22	.6	2.5
	05-19-83	20	31	7.4	9.1	15	.4	2.0
	08-03-83	2	24	7.1	12	22	.6	2.6
18N/35E-11K01	08-09-82	0	17	9.3	36	47	2	5.7
	05-20-83	0	14	8.4	38	52	2	5.6
	08-03-83	0	21	13	26	33	1	5.1
18N/35E-12Q01	05-25-83	130	85	33	25	13	.6	4.3
	09-06-83	110	76	32	27	15	.7	4.6
18N/37E-09C02	09-09-82	0	34	15	15	18	.5	2.1
18N/38E-28N02	08-30-83	0	20	8.4	9.2	19	.4	2.1
18N/38E-29D01	08-10-82	2	24	8.9	8.9	16	.4	2.4
	08-04-83	0	23	8.8	8.8	17	.4	2.5
19N/31E-14H02	08-14-82	120	58	24	50	30	1	9.1
19N/31E-24H01	05-19-83	0	10	4.1	84	78	6	7.5
	07-30-83	0	9.4	3.5	83	79	6	8.3
19N/31E-27G01D1	05-23-83	0	3.9	.49	76	88	10	8.0
19N/32E-04H02	05-24-83	0	26	10	32	38	1	6.5
	08-30-83	0	26	11	34	38	1	6.4

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Adams County, Wash.--Continued					
18N/31E-33D01	05-19-83	177	127	44	12	13	4.1	110
	08-01-83	173	114	48	11	13	3.0	100
18N/32E-16C02	08-10-82	134	164	0	13	6.9	1.3	62
	03-17-83	136	166	0	25	10	.6	49
	08-01-83	139	165	2	15	8.2	1.1	58
18N/33E-12C02	08-11-82	121	148	0	22	6.1	.5	47
	03-17-83	119	145	0	25	7.6	.5	46
	08-04-83	127	155	0	25	8.1	.4	47
18N/35E-04B01	08-09-82	82	100	0	12	9.4	.3	33
	05-19-83	88	107	0	16	12	.1	30
	08-03-83	87	106	0	11	9.6	.3	32
18N/35E-11K01	08-09-82	134	164	0	12	8.5	1.2	55
	05-20-83	134	164	0	9.2	7.3	1.4	55
	08-03-83	135	165	0	13	10	.7	48
18N/35E-12Q01	05-25-83	220	268	0	40	30	.5	37
	09-06-83	213	260	0	39	29	.4	36
18N/37E-09C02	09-09-82	147	179	0	10	7.8	.2	46
18N/38E-28N02	08-30-83	91	111	0	7.3	3.7	.2	41
18N/38E-29D01	08-10-82	95	116	0	8.0	3.5	.2	45
	08-04-83	94	115	0	8.0	3.5	.2	43
19N/31E-14H02	08-14-82	121	148	0	110	79	.5	47
19N/31E-24H01	05-19-83	148	154	13	45	25	2.1	63
	07-30-83	157	--	--	45	30	2.2	60
19N/31E-27G01D1	05-23-83	149	166	8	21	13	1.9	73
19N/32E-04H02	05-24-83	130	159	0	31	14	.6	46
	08-30-83	130	159	0	33	15	.5	47

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
18N/31E-33D01	05-19-83	344	<0.10	70	62	--	<1	--
	08-01-83	327	<.10	70	70	--	2	--
18N/32E-16C02	08-10-82	235	<.10	--	<3	28	<1	24
	03-17-83	246	<.10	20	5	--	1	--
	08-01-83	241	<.10	30	4	--	1	--
18N/33E-12C02	08-11-82	230	3.2	--	<3	21	2	110
	03-17-83	235	3.9	20	5	--	3	--
	08-04-83	248	5.1	10	5	--	<1	--
18N/35E-04B01	08-09-82	159	2.2	--	<3	9	<1	91
	05-19-83	182	4.9	20	<3	--	1	--
	08-03-83	160	2.2	10	4	--	<1	--
18N/35E-11K01	08-09-82	242	3.7	--	<3	13	<1	79
	05-20-83	228	2.0	60	<3	--	1	--
	08-03-83	233	3.4	40	7	--	1	--
18N/35E-12Q01	05-25-83	519	30	10	15	--	2	--
	09-06-83	500	29	10	7	--	19	--
18N/37E-09C02	09-09-82	230	2.6	--	3	<4	2	170
18N/38E-28N02	08-30-83	156	2.2	<10	11	--	4	--
18N/38E-29D01	08-10-82	171	2.9	--	<3	<4	<1	96
	08-04-83	167	2.8	<10	7	--	3	--
19N/31E-14H02	08-14-82	464	3.1	--	20	16	5	290
19N/31E-24H01	05-19-83	331	.28	30	25	--	4	--
	07-30-83	330	.27	30	19	--	5	--
19N/31E-27G01D1	05-23-83	287	<.10	30	5	--	2	--
19N/32E-04H02	05-24-83	246	.41	10	31	--	9	--
	08-30-83	253	.47	20	6	--	1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
19N/32E-24N01	05-26-83	1000	398	9.3	30.0	0.1	--	3
	07-30-83	1140	405	9.4	32.5	.3	--	2
19N/33E-07R01	05-25-83	1245	310	8.8	24.5	.2	--	18
	08-03-83	1600	322	8.8	23.5	.4	--	26
19N/33E-08Q02	08-13-82	0845	320	8.9	31.5	.2	--	4
	05-25-83	1430	312	9.0	31.5	.1	--	7
	08-30-83	1005	299	8.9	31.5	.1	--	7
19N/34E-20B02	08-11-82	1130	295	8.9	22.0	.2	--	15
	05-19-83	1445	295	9.0	21.0	.3	--	18
	08-04-83	1030	295	8.9	22.5	.3	--	12
19N/36E-05B01	08-09-82	1500	804	7.4	12.5	6.9	--	260
	05-20-83	1000	795	7.3	11.5	7.1	<1	270
	08-02-83	1430	785	7.5	12.0	9.5	--	250
19N/36E-20H01D1	08-09-82	0830	273	8.4	26.5	.1	--	29
	05-20-83	1130	271	8.3	20.5	.1	--	29
	08-03-83	1000	271	8.2	20.5	.1	--	29
19N/36E-21C01D1	05-26-83	0830	291	8.3	22.5	.3	--	35
19N/38E-14K02	08-09-82	1045	440	7.6	12.5	--	--	170
20N/31E-07H02	05-19-83	1300	488	8.0	19.0	2.5	--	130
20N/31E-31A03	08-11-82	1525	347	8.3	18.5	4.3	--	79
	03-18-83	1140	326	8.1	16.0	7.8	<1	100
	08-05-83	1145	335	8.2	18.5	4.5	--	80
20N/32E-15D02	08-13-82	1300	353	8.2	14.5	6.6	--	140
	03-18-83	0930	368	8.0	12.0	1.9	<1	150
	07-30-83	1420	440	8.1	14.0	7.3	--	170
20N/32E-15L01D2	05-26-83	1230	320	8.4	20.5	.8	--	39
	08-30-83	1530	332	--	21.0	.8	--	37

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
19N/32E-24N01	05-26-83	0	1.0	0.05	89	95	24	6.6
	07-30-83	0	.95	.03	90	95	25	6.6
19N/33E-07R01	05-25-83	0	4.4	1.7	62	83	6	8.0
	08-03-83	0	6.4	2.5	57	77	5	9.0
19N/33E-08Q02	08-13-82	0	1.7	.02	69	92	14	7.2
	05-25-83	0	2.1	.53	67	90	11	6.9
	08-30-83	0	2.1	.41	69	91	11	6.6
19N/34E-20B02	08-11-82	0	4.0	1.1	60	84	7	7.6
	05-19-83	0	4.6	1.5	58	82	6	7.2
	08-04-83	0	3.4	.82	62	86	8	7.6
19N/36E-05B01	08-09-82	27	63	25	69	36	2	3.5
	05-20-83	24	61	28	64	34	2	4.0
	08-02-83	7	57	26	67	36	2	3.7
19N/36E-20H01D1	08-09-82	0	7.3	2.6	50	74	4	6.7
	05-20-83	0	7.3	2.7	50	74	4	6.5
	08-03-83	0	7.1	2.7	49	74	4	6.8
19N/36E-21C01D1	05-26-83	0	8.1	3.6	51	72	4	6.2
19N/38E-14K02	08-09-82	0	42	16	27	25	.9	3.8
20N/31E-07H02	05-19-83	0	29	15	44	40	2	8.6
20N/31E-31A03	08-11-82	0	20	7.1	38	48	2	9.3
	03-18-83	0	25	10	27	34	1	8.5
	08-05-83	0	20	7.4	38	47	2	9.0
20N/32E-15D02	08-13-82	16	37	12	19	22	.7	3.8
	03-18-83	31	40	13	19	21	.7	3.7
	07-30-83	39	44	14	20	20	.7	4.3
20N/32E-15L01D2	05-26-83	0	9.6	3.6	54	71	4	7.0
	08-30-83	--	9.3	3.4	56	73	4	6.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Adams County, Wash.--Continued					
19N/32E-24N01	05-26-83	181	107	56	5.1	11	4.6	110
	07-30-83	185	112	56	5.0	12	4.9	100
19N/33E-07R01	05-25-83	149	162	10	7.8	6.8	2.6	66
	08-03-83	148	168	6	9.0	7.2	2.4	64
19N/33E-08Q02	08-13-82	150	130	26	<5.0	6.1	3.1	82
	05-25-83	150	152	15	2.2	6.1	3.2	80
	08-30-83	146	140	19	<0.2	6.6	2.9	83
19N/34E-20B02	08-11-82	141	140	16	<5.0	5.2	2.4	73
	05-19-83	151	133	25	5.5	5.0	2.0	67
	08-04-83	144	145	15	<5.0	5.5	2.6	74
19N/36E-05B01	08-09-82	234	285	0	70	49	.3	39
	05-20-83	244	297	0	74	52	.3	39
	08-02-83	243	296	0	67	49	.3	39
19N/36E-20H01D1	08-09-82	128	--	--	10	3.6	1.2	59
	05-20-83	131	160	0	12	3.4	1.2	58
	08-03-83	127	155	0	10	3.6	1.1	56
19N/36E-21C01D1	05-26-83	141	172	0	11	4.7	1.2	59
19N/38E-14K02	08-09-82	193	235	0	25	8.3	.3	44
20N/31E-07H02	05-19-83	144	176	0	49	33	.6	54
20N/31E-31A03	08-11-82	119	145	0	35	13	.6	46
	03-18-83	124	151	0	31	11	.5	43
	08-05-83	123	150	0	34	16	.6	44
20N/32E-15D02	08-13-82	125	153	0	31	17	.4	45
	03-18-83	122	149	0	35	22	.4	45
	07-30-83	129	157	0	42	32	.4	42
20N/32E-15L01D2	05-26-83	131	160	0	18	12	2.3	55
	08-30-83	--	--	--	16	11	2.3	56

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
19N/32E-24N01	05-26-83	336	<0.10	90	65	--	1	--
	07-30-83	331	<.10	90	100	--	1	--
19N/33E-07R01	05-25-83	249	<.10	40	17	--	1	--
	08-03-83	246	<.10	40	6	--	4	--
19N/33E-08Q02	08-13-82	--	<.10	--	11	24	8	3
	05-25-83	258	<.10	50	17	--	1	--
	08-30-83	--	<.10	60	15	--	3	--
19N/34E-20B02	08-11-82	--	<.10	--	11	27	3	15
	05-19-83	241	<.10	40	12	--	<1	--
	08-04-83	--	<.10	50	8	--	<1	--
19N/36E-05B01	08-09-82	503	10	--	<3	11	<1	270
	05-20-83	501	7.4	30	17	--	1	--
	08-02-83	494	9.0	20	5	--	<1	--
19N/36E-20H01D1	08-09-82	218	<.10	--	<3	26	5	22
	05-20-83	220	<.10	20	6	--	1	--
	08-03-83	214	.22	20	5	--	<1	--
19N/36E-21C01D1	05-26-83	229	<.10	20	17	--	3	--
19N/38E-14K02	08-09-82	285	.72	--	<3	7	2	180
20N/31E-07H02	05-19-83	330	2.4	20	<3	--	<1	--
20N/31E-31A03	08-11-82	241	.17	--	3	19	1	58
	03-18-83	232	.34	10	6	--	<1	--
	08-05-83	244	.32	10	5	--	<1	--
20N/32E-15D02	08-13-82	243	.46	--	<3	14	4	150
	03-18-83	254	.52	20	22	--	8	--
	07-30-83	284	1.9	20	9	--	2	--
20N/32E-15L01D2	05-26-83	241	.20	20	<3	--	1	--
	08-30-83	239	.19	30	5	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Adams County, Wash.--Continued					
20N/33E-16E03	07-19-83	2030	352	8.0	14.5	--	--	78
20N/33E-16E06	07-19-83	2100	320	8.1	15.5	--	--	28
20N/34E-13R01	08-10-82	0925	598	8.0	15.5	3.6	--	180
	05-24-83	1030	612	8.0	14.0	3.5	<1	180
	08-04-83	0900	598	8.1	15.0	4.7	--	180
20N/35E-27A01	09-09-82	0910	285	8.4	21.0	2.4	--	48
	05-24-83	0800	291	8.2	21.5	1.6	--	45
	08-31-83	1100	284	8.1	22.0	1.4	--	41
20N/35E-34M02	05-25-83	1200	421	7.6	12.5	9.0	--	180
	08-03-83	1500	425	7.8	15.0	8.7	--	180
20N/37E-32D01	08-09-82	1255	308	7.9	14.0	9.2	--	150
	05-24-83	1330	512	7.8	13.0	8.9	<1	220
	08-02-83	1300	370	8.0	13.5	10.6	--	160
			Asotin County, Wash.					
08N/45E-29H01	08-10-83	1345	292	8.4	16.5	4.6	--	110
08N/45E-35B01	06-21-82	0830	258	7.7	19.5	--	<1	110
10N/45E-02P01	08-11-83	0845	560	7.7	15.0	.1	--	180
10N/46E-20A02	06-21-82	1230	335	7.5	18.5	--	<1	130
10N/46E-21D01	06-21-82	1115	200	7.7	22.0	--	<1	61
11N/45E-20K01D1	08-12-83	1530	625	7.5	15.5	6.6	--	260
11N/46E-32E01	06-21-82	1400	238	7.7	25.5	--	<1	56
	08-10-83	1000	253	7.9	26.0	.5	--	44

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Adams County, Wash.--Continued					
20N/33E-16E03	07-19-83	0	21	6.1	43	52	2	6.5
20N/33E-16E06	07-19-83	0	9.2	1.1	62	78	5	7.4
20N/34E-13R01	08-10-82	8	34	23	51	37	2	8.2
	05-24-83	0	34	24	51	36	2	8.7
	08-04-83	1	34	23	52	37	2	8.8
20N/35E-27A01	09-09-82	0	11	5.0	45	64	3	5.2
	05-24-83	0	10	4.8	46	66	3	5.6
	08-31-83	0	9.7	4.1	48	68	3	5.6
20N/35E-34M02	05-25-83	62	42	18	12	13	.4	1.9
	08-03-83	65	42	18	11	12	.4	1.8
20N/37E-32D01	08-09-82	0	35	14	10	13	.4	1.6
	05-24-83	42	54	21	19	16	.6	1.9
	08-02-83	7	39	15	13	15	.4	1.6
			Asotin County, Wash.					
08N/45E-29H01	08-10-83	0	21	13	13	21	.5	2.7
08N/45E-35B01	06-21-82	0	23	13	12	19	.5	3.1
10N/45E-02P01	08-11-83	3	32	24	44	34	1	5.7
10N/46E-20A02	06-21-82	0	33	11	20	24	.8	7.6
10N/46E-21D01	06-21-82	0	18	3.9	15	30	.8	11
11N/45E-20K01D1	08-12-83	41	71	21	22	15	.6	7.7
11N/46E-32E01	06-21-82	0	19	2.1	32	50	2	10
	08-10-83	0	14	2.3	35	57	2	10

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Adams County, Wash.--Continued					
20N/33E-16E03	07-19-83	139	169	0	29	14	0.3	33
20N/33E-16E06	07-19-83	146	178	0	19	11	1.5	35
20N/34E-13R01	08-10-82	171	209	0	34	49	.5	41
	05-24-83	192	234	0	24	53	.6	40
	08-04-83	179	218	0	37	53	.5	39
20N/35E-27A01	09-09-82	131	149	5	8.0	7.1	1.6	55
	05-24-83	151	184	0	8.9	7.0	1.9	56
	08-31-83	132	161	0	9.0	7.2	1.9	57
20N/35E-34M02	05-25-83	117	143	0	28	26	.3	39
	08-03-83	114	139	0	29	29	.3	36
20N/37E-32D01	08-09-82	149	182	0	6.0	5.9	.4	47
	05-24-83	180	219	0	13	27	.4	45
	08-02-83	152	186	0	9.0	13	.4	45
			Asotin County, Wash					
08N/45E-29H01	08-10-83	129	149	4	7.9	1.6	.4	36
08N/45E-35B01	06-21-82	145	177	0	7.0	2.1	.3	28
10N/45E-02P01	08-11-83	176	214	0	63	30	.5	56
10N/46E-20A02	06-21-82	142	173	0	25	16	.2	58
10N/46E-21D01	06-21-82	94	115	0	7.0	6.4	.3	66
11N/45E-20K01D1	08-12-83	222	271	0	53	18	.3	53
11N/46E-32E01	06-21-82	106	129	0	13	12	.7	68
	08-10-83	108	132	0	19	12	.7	66

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Adams County, Wash.--Continued					
20N/33E-16E03	07-19-83	237	0.33	--	12	--	<1	--
20N/33E-16E06	07-19-83	234	<.10	--	220	--	12	--
20N/34E-13R01	08-10-82	370	6.0	--	<3	17	11	190
	05-24-83	377	5.9	20	4	--	13	--
	08-04-83	378	5.3	20	6	--	7	--
20N/35E-27A01	09-09-82	218	.30	--	29	22	2	51
	05-24-83	232	.26	30	17	--	1	--
	08-31-83	222	.17	30	11	--	<1	--
20N/35E-34M02	05-25-83	269	7.2	10	15	--	<1	--
	08-03-83	268	7.4	10	5	--	1	--
20N/37E-32D01	08-09-82	218	1.9	--	<3	<4	2	170
	05-24-83	338	11	10	29	--	<1	--
	08-02-83	247	4.5	<10	8	--	<1	--
			Asotin County, Wash.					
08N/45E-29H01	08-10-83	173	<.10	<10	6	--	10	--
08N/45E-35B01	06-21-82	179	.85	--	4	--	18	--
10N/45E-02P01	08-11-83	361	<.10	10	210	--	68	--
10N/46E-20A02	06-21-82	264	1.7	--	3	--	<1	--
10N/46E-21D01	06-21-82	185	.11	--	8	--	2	--
11N/45E-20K01D1	08-12-83	401	5.0	20	9	--	1	--
11N/46E-32E01	06-21-82	220	<.10	--	9	--	13	--
	08-10-83	224	<.10	20	18	--	9	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Benton County, Wash.					
05N/24E-28G01	03-29-82	0935	565	7.8	17.0	--	<1	190
05N/24E-35R02	03-29-82	0810	620	7.9	15.5	--	<1	220
05N/25E-22M01	08-25-82	1605	470	7.8	18.5	1.6	--	64
	03-02-83	1130	488	8.2	18.5	1.9	--	64
	07-21-83	1000	490	8.3	19.0	3.2	--	64
05N/26E-05N01D1	03-30-82	1545	465	8.8	19.0	--	<1	11
	04-18-84	1430	436	8.8	--	--	--	11
06N/24E-23N01	08-25-82	1510	448	7.5	19.0	8.2	--	160
	03-07-83	1100	422	7.5	17.5	8.3	--	170
	07-19-83	1800	430	7.8	18.0	7.1	--	170
06N/26E-19K01	03-31-82	1520	1,010	7.7	18.0	--	<1	350
	08-26-82	1100	--	7.6	19.0	9.0	--	390
	03-02-83	1000	1,330	7.5	17.5	6.8	--	450
	07-20-83	1000	1,460	7.6	18.5	6.8	--	480
07N/24E-26B01	03-31-82	1810	290	7.8	19.5	--	<1	100
07N/25E-12R01	03-30-82	1735	450	8.1	18.5	--	<1	110
7N/25E-36N06	03-31-82	1355	410	8.3	21.5	--	<1	25
	04-18-84	0940	403	8.3	21.5	--	--	20
07N/26E-04E01	08-26-82	1305	470	7.8	18.5	8.6	--	130
	03-02-83	0930	425	8.2	11.5	8.3	--	130
07N/26E-05B02D1	03-31-82	1645	490	7.6	20.5	--	<1	120
	08-26-82	1135	510	8.0	22.0	.4	--	120
07N/27E-29Q01	03-30-82	1045	1,140	7.4	15.0	--	<1	520
08N/24E-01J01	06-11-82	0905	412	8.3	22.0	--	<1	39
	08-25-82	1345	410	8.6	21.5	.3	--	35
	07-20-83	1230	405	8.7	22.0	.1	--	31

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Benton County, Wash.					
05N/24E-28G01	03-29-82	35	38	22	50	36	2	5.0
05N/24E-35R02	03-29-82	18	63	15	48	31	1	7.6
05N/25E-22M01	08-25-82	0	16	5.8	83	71	5	8.6
	03-02-83	0	16	5.9	82	70	4	8.3
	07-21-83	0	16	5.9	82	70	4	8.6
05N/26E-05N01D1	03-30-82	0	3.6	.50	100	91	13	8.7
	04-18-84	--	3.2	.60	100	91	13	9.2
06N/24E-23N01	08-25-82	40	41	15	20	20	.7	4.6
	03-07-83	--	43	16	20	20	.7	4.6
	07-19-83	41	42	15	20	20	.7	4.7
06N/26E-19K01	03-31-82	210	74	39	76	32	2	7.4
	08-26-82	260	85	44	85	31	2	8.9
	03-02-83	310	94	52	91	30	2	8.8
	07-20-83	350	98	58	96	30	2	9.9
07N/24E-26B01	03-31-82	0	25	10	20	28	.9	6.5
07N/25E-12R01	03-30-82	0	27	9.5	49	45	2	17
07N/25E-36N06	03-31-82	0	6.8	1.9	80	79	7	17
	04-18-84	--	5.1	1.7	80	83	8	13
07N/26E-04E01	08-26-82	0	32	13	37	36	1	5.8
	03-02-83	0	32	13	38	37	1	5.6
07N/26E-05B02D1	03-31-82	0	31	11	49	42	2	18
	08-26-82	0	31	11	51	43	2	17
07N/27E-29Q01	03-30-82	360	120	53	42	15	.8	7.5
08N/24E-01J01	06-11-82	0	11	2.9	77	75	5	14
	08-25-82	0	8.8	3.1	75	75	6	15
	07-20-83	0	7.9	2.8	80	78	6	15

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Benton County, Wash.					
05N/24E-28G01	03-29-82	150	183	0	78	41	0.3	50
05N/24E-35R02	03-29-82	201	245	0	75	34	.3	40
05N/25E-22M01	08-25-82	164	200	0	68	15	1.1	56
	03-02-83	162	198	0	66	18	1.1	55
	07-21-83	164	200	0	61	18	1.1	55
05N/26E-05N01D1	03-30-82	209	226	14	5.0	25	1.9	60
	04-18-84	--	--	--	6.3	28	2.2	57
06N/24E-23N01	08-25-82	125	152	0	48	26	.3	58
	03-07-83	--	--	--	49	29	.3	59
	07-19-83	125	153	0	47	27	.3	56
06N/26E-19K01	03-31-82	140	171	0	170	81	.3	57
	08-26-82	134	163	0	160	110	.4	55
	03-02-83	138	168	0	200	120	.4	57
	07-20-83	129	157	0	210	130	.4	55
07N/24E-26B01	03-31-82	116	142	0	27	7.6	.1	52
07N/25E-12R01	03-30-82	171	208	0	45	20	.5	62
07N/25E-36N06	03-31-82	172	210	0	27	26	.6	55
	04-18-84	--	--	--	26	15	1.0	54
07N/26E-04E01	08-26-82	138	168	0	41	19	.5	54
	03-02-83	135	165	0	42	20	.5	53
07N/26E-05B02D1	03-31-82	176	214	0	56	20	.2	69
	08-26-82	173	211	0	55	19	.3	69
07N/27E-29Q01	03-30-82	157	191	0	250	120	.2	54
08N/24E-01JO1	06-11-82	205	--	--	<5.0	9.4	1.2	62
	08-25-82	204	217	16	<5.0	11	1.0	62
	07-20-83	210	228	14	1.2	9.5	1.1	63

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Benton County, Wash.					
05N/24E-28G01	03-29-82	394	4.5	--	9	--	<3	--
05N/24E-35R02	03-29-82	428	5.5	--	9	--	4	--
05N/25E-22M01	08-25-82	352	<.10	--	30	18	100	130
	03-02-83	350	<.10	40	30	--	99	--
	07-21-83	346	<.10	--	36	--	98	--
05N/26E-05N01D1	03-30-82	330	<.10	--	9	--	5	--
	04-18-84	328	--	--	31	16	5	27
06N/24E-23N01	08-25-82	296	1.8	--	<3	17	1	240
	03-07-83	303	1.8	<10	24	--	4	--
	07-19-83	296	1.9	--	25	--	1	--
06N/26E-19K01	03-31-82	735	33	--	9	--	5	--
	08-26-82	828	45	--	4	21	25	710
	03-02-83	914	47	30	8	--	9	--
	07-20-83	974	54	--	26	--	8	--
07N/24E-26B01	03-31-82	222	.89	--	16	--	3	--
07N/25E-12R01	03-30-82	332	<.10	--	96	--	120	--
07N/25E-36N06	03-31-82	318	<.10	--	25	--	14	--
	04-18-84	300	--	--	6	29	7	26
07N/26E-04E01	08-26-82	307	5.0	--	<3	12	2	230
	03-02-83	308	5.1	20	<3	--	1	--
07N/26E-05B02D1	03-31-82	360	<.10	--	290	--	160	--
	08-26-82	358	<.10	--	260	23	160	230
07N/27E-29Q01	03-30-82	838	22	--	<9	--	<3	--
08N/24E-01JO1	06-11-82	308	.26	--	27	--	37	--
	08-25-82	--	<.10	--	28	32	42	60
	07-20-83	307	<.10	--	29	--	27	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Benton County, Wash.--Continued					
08N/24E-15F01	08-25-82	1600	455	7.9	24.0	8.0	--	200
	03-09-83	1030	385	7.4	18.0	6.6	--	180
	07-20-83	1430	435	7.9	19.0	4.6	--	200
08N/27E-01A01D1	08-27-82	1015	574	7.9	22.5	7.0	--	250
	03-08-83	1530	550	7.8	10.5	--	--	240
	07-22-83	0830	595	7.8	18.0	10.0	--	240
08N/27E-01K01	08-27-82	1515	464	7.9	19.0	8.1	--	170
08N/28E-07P01	08-27-82	1320	579	8.1	20.5	--	--	97
08N/29E-17G01D1	08-28-82	1320	570	7.5	19.5	--	--	190
	03-09-83	1130	495	7.7	19.0	5.8	--	170
	07-25-83	0915	525	7.7	18.5	5.1	--	190
08N/29E-17G02	06-25-82	1030	820	7.9	18.5	--	<1	360
08N/30E-07G04	06-24-82	1500	730	7.5	17.5	--	<1	300
08N/30E-17D02	06-25-82	0915	605	7.4	18.5	--	<1	260
08N/30E-19M01	06-24-82	1700	550	7.6	18.5	--	<1	200
08N/30E-22M02	06-24-82	1800	570	7.5	--	--	<1	200
09N/24E-04H01	06-11-82	0745	661	7.6	17.0	--	<1	310
09N/25E-33B01	08-26-82	1500	320	8.4	21.0	.4	--	49
	03-09-83	1330	312	8.2	20.5	.1	--	49
	07-20-83	1630	301	8.7	21.0	.1	--	50
09N/26E-12N01	08-26-82	1100	690	7.5	16.0	3.9	--	300
	03-08-83	1230	650	7.4	15.0	4.5	--	300
	07-20-83	1600	670	7.6	15.5	4.5	--	290
09N/27E-07D01	06-25-82	0820	700	7.7	15.0	--	<1	300
09N/27E-21D01	08-28-82	1125	400	8.0	22.5	--	--	55

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Benton County, Wash.--Continued					
08N/24E-15F01	08-25-82	34	50	19	15	14	0.5	4.4
	03-09-83	8	43	17	14	14	.5	4.0
	07-20-83	26	48	19	15	14	.5	4.4
08N/27E-01A01D1	08-27-82	99	63	22	23	17	.6	3.6
	03-08-83	78	58	22	23	17	.7	3.3
	07-22-83	85	58	22	23	17	.7	3.5
08N/27E-01K01	08-27-82	39	41	17	22	21	.7	9.2
08N/28E-07P01	08-27-82	0	19	12	81	60	4	16
08N/29E-17G01D1	08-28-82	11	46	19	34	27	1	7.3
	03-09-83	29	42	17	30	26	1	8.2
	07-25-83	0	45	18	32	26	1	7.8
08N/29E-17G02	06-25-82	0	77	40	53	24	1	5.1
08N/30E-07G04	06-24-82	13	87	21	45	24	1	7.6
08N/30E-17D02	06-25-82	0	77	17	35	22	.9	7.1
08N/30E-19M01	06-24-82	36	41	23	39	29	1	12
08N/30E-22M02	06-24-82	0	52	16	50	35	2	4.8
09N/24E-04H01	06-11-82	100	86	22	16	10	.4	5.0
09N/25E-33B01	08-26-82	0	12	4.5	48	62	3	12
	03-09-83	0	12	4.7	47	61	3	12
	07-20-83	0	12	4.8	48	62	3	12
09N/26E-12N01	08-26-82	1	74	29	36	20	.9	4.0
	03-08-83	0	70	30	36	21	.9	3.7
	07-20-83	0	68	30	37	21	.9	4.0
09N/27E-07D01	06-25-82	0	73	28	35	20	.9	6.7
09N/27E-21D01	08-28-82	0	14	4.9	56	63	3	14

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Benton County, Wash.--Continued				
08N/24E-15F01	08-25-82	169	206	0	52	6.0	0.3	53
	03-09-83	169	206	0	46	6.0	.4	52
	07-20-83	172	210	0	50	5.4	.3	50
08N/27E-01A01D1	08-27-82	149	182	0	84	22	.5	50
	03-08-83	157	192	0	79	21	.5	49
	07-22-83	151	184	0	80	22	.4	47
08N/27E-01K01	08-27-82	134	163	0	87	7.0	.5	61
08N/28E-07P01	08-27-82	189	230	0	88	15	1.3	71
08N/29E-17G01D1	08-28-82	182	222	0	56	27	.4	56
	03-09-83	146	178	0	58	29	.4	58
	07-25-83	189	231	0	58	30	.4	57
08N/29E-17G02	06-25-82	395	481	0	65	19	.6	50
08N/30E-07G04	06-24-82	290	354	0	67	29	.3	39
08N/30E-17D02	06-25-82	284	346	0	41	15	.4	40
08N/30E-19M01	06-24-82	161	196	0	94	21	.4	50
08N/30E-22M02	06-24-82	224	273	0	51	19	.7	35
09N/24E-04H01	06-11-82	203	248	0	79	22	.3	51
09N/25E-33B01	08-26-82	152	--	--	10	5.7	.5	58
	03-09-83	175	213	0	11	5.6	.6	57
	07-20-83	142	173	8	11	5.6	.6	57
09N/26E-12N01	08-26-82	303	370	0	52	11	.7	47
	03-08-83	322	392	0	42	12	.8	47
	07-20-83	321	391	0	44	11	.7	45
09N/27E-07D01	06-25-82	304	371	0	48	16	.7	55
09N/27E-21D01	08-28-82	138	168	0	57	4.4	.7	61

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Benton County, Wash.--Continued					
08N/24E-15F01	08-25-82	312	2.4	--	<3	14	3	200
	03-09-83	294	2.4	10	6	--	1	--
	07-20-83	306	2.4	--	18	--	6	--
08N/27E-01A01D1	08-27-82	407	11	--	<3	11	5	300
	03-08-83	385	7.9	20	6	--	6	--
	07-22-83	395	11	--	5	--	2	--
08N/27E-01K01	08-27-82	327	.33	--	9	31	110	180
08N/28E-07P01	08-27-82	417	<.10	--	110	29	50	81
08N/29E-17G01D1	08-28-82	371	3.6	--	<3	14	2	270
	03-09-83	347	3.7	10	<3	--	<1	--
	07-25-83	378	3.6	--	<3	--	<1	--
08N/29E-17G02	06-25-82	554	1.8	--	<3	--	<1	--
08N/30E-07G04	06-24-82	491	4.8	--	8	--	2	--
08N/30E-17D02	06-25-82	415	2.8	--	4	--	1	--
08N/30E-19M01	06-24-82	399	5.0	--	24	--	16	--
08N/30E-22M02	06-24-82	373	2.2	--	30	--	3	--
09N/24E-04H01	06-11-82	437	7.6	--	<3	--	<1	--
09N/25E-33B01	08-26-82	240	<.10	--	28	30	42	94
	03-09-83	255	<.10	30	37	--	42	--
	07-20-83	244	<.10	--	45	--	42	--
09N/26E-12N01	08-26-82	444	1.8	--	3	13	2	510
	03-08-83	443	1.9	30	<3	--	<1	--
	07-20-83	440	1.9	--	5	--	<1	--
09/27E-07D01	06-25-82	460	3.4	--	<3	--	<1	--
09N/27E-21D01	08-28-82	299	.93	--	70	34	53	67

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Benton County, Wash.--Continued					
09N/28E-04G01	06-24-82	1135	382	7.8	17.5	--	<1	37
09N/28E-06A02	06-24-82	1305	633	8.0	18.5	--	<1	230
09N/28E-17A01	06-24-82	1455	505	8.2	26.5	--	<1	61
	08-27-82	1630	514	8.0	26.5	1.4	--	60
	05-17-83	1330	495	8.1	26.0	1.3	--	61
09N/28E-27K01	06-24-82	1730	1,010	7.3	19.0	--	<1	410
09N/29E-33M01	08-27-82	1250	575	8.0	17.0	--	--	220
	05-17-83	0920	632	7.2	17.5	6.1	--	260
	07-22-83	1230	650	7.3	17.5	6.0	--	290
10N/24E-31P01	08-25-82	1115	420	8.0	18.0	8.3	--	180
	03-09-83	1630	411	7.8	13.5	--	--	180
	07-21-83	1400	420	7.9	17.5	--	--	190
10N/26E-28L02	08-26-82	1400	384	8.2	24.5	--	--	52
	07-21-83	1530	390	8.2	24.5	--	--	57
10N/27E-29R02	08-28-82	1005	430	7.5	19.0	.2	--	140
	03-08-83	1030	412	7.9	18.0	.1	--	150
	07-22-83	1100	435	8.0	19.5	.2	--	150
10N/28E-14C02	04-19-82	1010	450	7.5	16.5	--	--	200
12N/24E-30B01	09-10-82	1050	260	8.1	26.5	--	--	97
	07-28-83	0940	274	8.0	26.0	--	--	97
13N/24E-27M04	09-10-82	1230	305	7.5	--	6.8	--	110
	07-28-83	1125	310	8.2	19.5	.3	--	99
			Chelan County, Wash.					
21N/21E-34A01	07-29-82	1120	210	7.6	12.0	.3	--	60
21N/22E-19K02	09-10-82	1115	315	7.5	14.5	--	--	140

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Benton County, Wash.--Continued					
09N/28E-04G01	06-24-82	0	11	2.2	72	76	5	9.4
09N/28E-06A02	06-24-82	53	48	26	42	28	1	10
09N/28E-17A01	06-24-82	0	14	6.2	86	71	5	13
	08-27-82	0	14	6.0	86	71	5	13
	05-17-83	0	14	6.2	85	71	5	12
09N/28E-27K01	06-24-82	120	86	47	57	23	1	13
09N/29E-33M01	08-27-82	0	47	26	31	22	.9	7.9
	05-17-83	16	52	32	34	21	.9	7.7
	07-22-83	45	56	36	30	18	.8	7.0
10N/24E-31P01	08-25-82	51	45	16	13	13	.4	5.8
	03-09-83	34	45	16	13	13	.4	5.5
	07-21-83	61	48	17	13	13	.4	5.8
10N/26E-28L02	08-26-82	0	14	4.1	58	63	4	18
	07-21-83	0	15	4.7	55	59	3	20
10N/27E-29R02	08-28-82	0	28	18	29	29	1	8.4
	03-08-83	3	29	19	29	28	1	8.2
	07-22-83	0	28	19	29	28	1	8.4
10N/28E-14C02	04-19-82	0	60	12	17	15	.5	6.0
12N/24E-30B01	09-10-82	0	19	12	21	30	.9	7.1
	07-28-83	0	19	12	21	30	.9	7.0
13N/24E-27M04	09-10-82	0	21	13	26	33	1	5.9
	07-28-83	0	20	12	26	35	1	5.9
			Chelan County, Wash.					
021N/21E-34A01	07-29-82	0	13	6.6	19	39	1	4.7
21N/22E-19K02	09-10-82	0	35	13	15	18	.5	4.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Benton County, Wash.--Continued					
09N/28E-04G01	06-24-82	197	240	0	5.0	8.1	1.5	60
09N/28E-06A02	06-24-82	174	212	0	140	15	.8	55
09N/28E-17A01	06-24-82	213	260	0	34	12	1.7	74
	08-27-82	215	262	0	35	13	1.5	74
	05-17-83	208	254	0	32	11	1.6	72
09N/28E-27K01	06-24-82	290	354	0	180	47	.3	73
09N/29E-33M01	08-27-82	228	278	0	35	24	.4	47
	05-17-83	245	299	0	42	27	.3	46
	07-22-83	242	296	0	47	30	.3	44
10N/24E-31P01	08-25-82	128	156	0	52	19	.3	57
	03-09-83	144	176	0	48	18	.4	56
	07-21-83	129	157	0	51	18	.3	57
10N/26E-28L02	08-26-82	195	238	0	<5.0	6.0	1.3	65
	07-21-83	176	214	0	6.1	5.2	1.1	63
10N/27E-29R02	08-28-82	149	182	0	64	7.2	.7	59
	03-08-83	148	180	0	67	7.2	.8	60
	07-22-83	148	181	0	67	6.9	.6	58
10N/28E-14C02	04-19-82	203	248	0	18	4.1	.2	32
12N/24E-30B01	09-10-82	143	174	0	<5.0	4.2	.5	61
	07-28-83	145	177	0	.2	4.3	.6	61
13N/24E-27M04	09-10-82	162	198	0	<5.0	5.6	.5	59
	07-28-83	164	200	0	.5	5.4	.6	58
			Chelan County, Wash.					
21N/21E-34A01	07-29-82	100	122	0	7.0	1.6	.4	42
21N/22E-19K02	09-10-82	156	190	0	8.0	2.6	.3	52

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Benton County, Wash.--Continued					
09N/28E-04G01	06-24-82	287	<0.10	--	62	--	41	--
09N/28E-06A02	06-24-82	441	<.10	--	19	--	84	--
09N/28E-17A01	06-24-82	369	<.10	--	14	--	26	--
	08-27-82	371	<.10	--	13	39	29	84
	05-17-83	359	<.10	110	14	--	27	--
09N/28E-27K01	06-24-82	714	8.2	--	<3	--	2	--
09N/29E-33M01	08-27-82	371	3.6	--	<3	23	13	280
	05-17-83	412	5.3	50	<3	--	7	--
	07-22-83	421	5.6	--	12	--	4	--
10N/24E-31P01	08-25-82	298	3.0	--	3	17	1	280
	03-09-83	303	3.3	<10	13	--	5	--
	07-21-83	301	3.1	--	11	--	3	--
10N/26E-28L02	08-26-82	--	<.10	--	17	32	30	97
	07-21-83	275	<.10	--	29	--	37	--
10N/27E-29R02	08-28-82	304	<.10	--	84	19	30	210
	03-08-83	309	<.10	30	110	--	29	--
	07-22-83	306	<.10	--	82	--	26	--
10N/28E-14C02	04-19-82	291	4.5	--	--	--	--	--
12N/24E-30B01	09-10-82	--	<.10	--	57	16	52	75
	07-28-83	212	<.10	20	50	--	52	--
13N/24E-27M04	09-10-82	--	.10	--	25	12	9	68
	07-28-83	227	<.10	20	37	--	40	--
			Chelan County, Wash.					
21N/21E-34A01	07-29-82	155	<.10	--	240	17	90	30
21N/22E-19K02	09-10-82	227	.72	--	3	5	2	110

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Columbia County, Wash.					
10N/39E-20G01	06-22-82	1300	350	7.0	12.5	--	<1	160
10N/39E-31M01	09-02-82	1700	510	7.7	13.0	--	--	230
	03-01-83	1300	510	7.4	12.5	8.6	--	230
10N/39E-32C01	06-22-82	1415	192	7.0	16.5	--	<1	89
10N/39E-32F01	08-13-83	0935	215	7.8	19.0	7.1	--	94
12N/39E-10P01	09-03-82	1330	210	7.9	19.5	8.3	--	89
	06-21-83	1030	206	7.8	19.5	7.8	--	85
13N/38E-27L02	09-02-82	1645	232	7.8	23.5	5.4	--	96
	03-01-83	1050	210	7.5	19.5	5.8	--	94
	08-26-83	1230	225	7.9	24.0	5.5	--	95
			Douglas County, Wash.					
21N/22E-12G01D1	07-28-82	1015	343	9.0	20.0	1.0	--	35
23N/24E-09E01	07-28-82	1330	245	8.2	17.0	4.2	--	88
	06-07-83	1345	221	8.2	18.5	1.6	<1	79
	09-01-83	1315	242	8.2	17.5	3.1	--	87
23N/26E-20D03	07-15-83	2100	254	8.1	16.0	--	--	49
24N/21E-13A03	07-29-82	1300	220	7.8	--	8.1	--	93
	06-07-83	1040	220	8.0	11.5	--	<1	95
24N/25E-18E01	07-28-82	1000	490	7.5	14.5	7.6	--	190
	06-07-83	1035	705	7.2	13.5	10.4	<1	270
	09-01-83	1430	565	7.5	13.5	9.2	--	220
24N/26E-06H01	07-27-82	1515	385	7.5	13.5	--	--	170
	06-07-83	1345	388	7.5	12.5	7.3	<1	170
	08-12-83	1000	455	7.4	13.0	8.3	--	190

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Columbia County, Wash.					
10N/39E-20G01	06-22-82	0	42	14	13	15	0.4	2.4
10N/39E-31M01	09-02-82	25	61	19	18	14	.5	1.4
	03-01-83	17	60	19	18	15	.5	1.4
10N/39E-32C01	06-22-82	0	23	7.6	6.2	13	.3	2.7
10N/39E-32F01	08-13-83	0	23	8.9	8.1	15	.4	2.8
12N/39E-10P01	09-03-82	0	22	8.2	8.7	17	.4	4.2
	06-21-83	0	21	8.0	8.3	17	.4	4.1
13N/38E-27L02	09-02-82	0	24	8.8	8.6	15	.4	4.9
	03-01-83	0	23	8.9	8.6	16	.4	4.7
	08-26-83	0	23	9.0	8.8	16	.4	4.8
			Douglas County, Wash.					
21N/22E-12G01D1	07-28-82	0	9.0	3.1	64	77	5	4.2
23N/24E-09E01	07-28-82	0	21	8.5	16	28	.7	2.2
	06-07-83	0	19	7.6	15	29	.7	2.0
	09-01-83	0	21	8.4	16	28	.7	1.8
23N/26E-20D03	07-15-83	0	19	.31	33	57	2	4.3
24N/21E-13A03	07-29-82	0	19	11	7.8	15	.4	1.7
	06-07-83	0	20	11	7.8	15	.3	1.9
24N/25E-18E01	07-28-82	110	43	19	17	16	.5	2.4
	06-07-83	170	62	29	22	15	.6	2.7
	09-01-83	140	50	22	20	17	.6	2.3
24N/26E-06H01	07-27-82	60	45	15	12	13	.4	3.7
	06-07-83	53	42	15	12	13	.4	3.8
	08-12-83	81	48	18	13	12	.4	4.4

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Columbia County, Wash.					
10N/39E-20G01	06-22-82	177	210	0	9.0	4.0	0.4	49
10N/39E-31M01	09-02-82	206	251	0	8.0	14	.3	44
	03-01-83	211	257	0	8.8	16	.4	43
10N/39E-32C01	06-22-82	107	131	0	6.0	2.2	.2	51
10N/39E-32F01	08-13-83	110	134	0	1.6	1.3	.3	58
12N/39E-10P01	09-03-82	102	124	0	<5.0	2.3	.2	62
	06-21-83	97	118	0	3.7	2.4	.2	57
13N/38E-27L02	09-02-82	115	140	0	<5.0	1.7	.2	69
	03-01-83	116	141	0	2.8	1.9	.2	69
	08-26-83	115	140	0	2.2	1.7	.3	67
			Douglas County, Wash.					
21N/22E-12G01D1	07-28-82	160	153	21	12	5.1	2.0	60
23N/24E-09E01	07-28-82	105	128	0	16	4.7	.4	43
	06-07-83	98	119	0	15	4.3	.3	43
	09-01-83	101	123	0	17	5.2	.4	42
23N/26E-20D03	07-15-83	91	111	0	28	2.9	1.0	51
24N/21E-13A03	07-29-82	112	136	0	<5.0	.8	.2	47
	06-07-83	116	141	0	4.1	1.1	.2	47
24N/25E-18E01	07-28-82	77	94	0	32	42	.3	48
	06-07-83	101	123	0	50	74	.3	46
	09-01-83	80	97	0	46	55	.3	45
24N/26E-06H01	07-27-82	114	139	0	34	18	.2	34
	06-07-83	114	139	0	34	21	.2	32
	08-12-83	113	138	0	44	32	.2	31

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Columbia County, Wash.					
10N/39E-20G01	06-22-82	256	4.3	--	<3	--	6	--
10N/39E-31M01	09-02-82	330	9.1	--	11	10	1	250
	03-01-83	337	10	20	<3	--	<1	--
10N/39E-32C01	06-22-82	168	1.0	--	<3	--	1	--
10N/39E-32F01	08-13-83	172	.52	<10	8	--	<1	--
12N/39E-10P01	09-03-82	--	.56	--	<3	6	1	72
	06-21-83	165	.61	<10	7	--	3	--
13N/38E-27L02	09-02-82	--	.39	--	3	12	<1	71
	03-01-83	190	.41	10	<3	--	<1	--
	08-26-83	187	.41	--	<3	--	<1	--
			Douglas County, Wash.					
21N/22E-12G01D1	07-28-82	257	.26	--	35	26	4	28
23N/24E-09E01	07-28-82	176	.19	--	5	18	3	72
	06-07-83	166	.30	<10	16	--	2	--
	09-01-83	174	.35	<10	9	--	3	--
23N/26E-20D03	07-15-83	194	<.10	--	31	--	3	--
24N/21E-13A03	07-29-82	--	.62	--	5	15	4	58
	06-07-83	165	.66	<10	14	--	1	--
24N/25E-18E01	07-28-82	308	13	--	<3	4	4	190
	06-07-83	444	22	<10	5	--	<3	--
	09-01-83	372	19	<10	12	--	1	--
24N/26E-06H01	07-27-82	251	4.6	--	17	13	11	210
	06-07-83	248	4.2	10	12	--	8	--
	08-12-83	284	5.7	<10	18	--	6	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Douglas County, Wash.--Continued					
25N/22E-21H01D1	07-29-82	0930	560	7.3	14.5	1.5	--	230
	08-12-83	1145	625	7.5	12.5	6.3	--	260
25N/25E-20Q01	07-28-82	1230	260	7.3	17.0	6.6	--	87
26N/22E-25N01	07-29-82	1600	225	7.0	12.0	4.3	--	95
	06-07-83	1030	215	7.3	11.5	3.8	<1	97
	08-12-83	1320	212	7.3	11.5	4.5	--	92
26N/27E-17R01	07-28-82	1700	1,040	7.6	11.5	6.6	--	460
			Franklin County, Wash.					
09N/29E-02G02	05-18-83	0940	445	7.9	22.0	.2	--	23
09N/30E-02R01	08-27-82	1415	575	8.0	17.5	9.0	--	220
	03-08-83	1430	575	7.8	16.0	8.4	<1	220
	07-19-83	1530	568	8.0	17.5	8.6	--	230
10N/28E-12F01	03-10-83	0915	415	7.9	16.5	.8	--	130
10N/29E-25G01	07-26-83	0945	705	7.6	16.0	8.1	--	240
10N/30E-03J01	08-27-82	1045	690	8.0	18.0	--	--	250
	03-11-83	0900	645	7.7	15.5	--	<1	260
	07-21-83	1715	660	8.0	18.5	9.7	--	260
10N/30E-35R01	03-10-83	1545	645	7.8	17.0	8.2	<1	240
10N/31E-09D01	07-21-83	1900	622	8.0	17.5	7.2	--	250
10N/31E-32L02	08-30-82	0930	415	8.0	19.5	2.4	--	140
	03-09-83	0900	405	7.8	18.5	2.2	<1	140
	07-20-83	0945	412	7.8	19.0	1.7	--	140
10N/32E-03R01	07-19-83	1230	728	7.9	19.0	10.2	--	220

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Douglas County, Wash.--Continued					
25N/22E-21H01D1	07-29-82	49	50	26	22	17	0.6	2.6
	08-12-83	81	59	28	26	18	.7	2.2
25N/25E-20Q01	07-28-82	0	20	8.9	20	32	.9	3.4
26N/22E-25N01	07-29-82	0	25	7.8	7.8	15	.3	1.1
	06-07-83	0	25	8.3	8.3	16	.4	1.2
	08-12-83	0	24	7.8	7.8	15	.4	1.3
26N/27E-17R01	07-28-82	280	93	54	32	13	.7	6.8
			Franklin County, Wash.					
09N/29E-02G02	05-18-83	0	5.2	2.4	90	84	8	12
09N/30E-02R01	08-27-82	48	47	24	31	23	.9	4.8
	03-08-83	44	46	25	31	23	.9	4.7
	07-19-83	65	48	26	32	23	.9	4.8
10N/28E-12F01	03-10-83	4	28	14	34	35	1	8.3
10N/29E-25G01	07-26-83	24	57	23	54	33	2	2.8
10N/30E-03J01	08-27-82	66	43	35	35	22	1	11
	03-11-83	52	44	36	35	22	.9	11
	07-21-83	76	44	36	36	22	1	11
10N/30E-35R01	03-10-83	85	59	23	35	23	1	6.6
10N/31E-09D01	07-21-83	67	61	23	31	21	.9	6.6
10N/31E-32L02	08-30-82	1	24	19	30	30	1	10
	03-09-83	3	24	19	29	29	1	10
	07-20-83	1	24	19	30	30	1	10
10N/32E-03R01	07-19-83	100	46	25	61	37	2	9.4

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Douglas County, Wash.--Continued					
25N/22E-21H01D1	07-29-82	183	223	0	49	37	0.3	37
	08-12-83	182	222	0	51	45	.4	42
25N/25E-20Q01	07-28-82	118	144	0	11	4.5	.6	54
26N/22E-25N01	07-29-82	105	128	0	7.0	2.2	.3	45
	06-07-83	104	127	0	7.0	2.3	.3	45
	08-12-83	102	125	0	6.5	2.2	.3	42
26N/27E-17R01	07-28-82	176	215	0	200	85	.3	48
			Franklin County, Wash.					
09N/29E-02G02	05-18-83	215	262	0	.2	26	1.5	62
09N/30E-02R01	08-27-82	169	206	0	76	26	.5	41
	03-08-83	174	212	0	75	25	.6	41
	07-19-83	162	198	0	72	25	.5	41
10N/28E-12F01	03-10-83	124	151	0	81	3.4	.5	43
10N/29E-25G01	07-26-83	213	260	0	90	37	.4	46
10N/30E-03J01	08-27-82	186	227	0	70	39	.5	56
	03-11-83	206	251	0	68	39	.6	57
	07-21-83	182	222	0	67	38	.6	55
10N/30E-35R01	03-10-83	157	192	0	75	36	.6	44
10N/31E-09D01	07-21-83	180	220	0	87	31	.4	39
10N/31E-32L02	08-30-82	137	167	0	53	9.9	.8	58
	03-09-83	135	165	0	52	9.5	.9	59
	07-20-83	137	167	0	52	11	.9	56
10N/32E-03R01	07-19-83	114	139	0	92	74	.4	58

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Douglas County, Wash.--Continued					
25N/22E-21H01D1	07-29-82	342	1.8	--	5	24	32	250
	08-12-83	395	7.3	10	9	--	9	--
25N/25E-20Q01	07-28-82	199	1.3	--	18	<4	6	83
26N/22E-25N01	07-29-82	160	.25	--	6	<4	27	120
	06-07-83	161	.24	<10	19	--	5	--
	08-12-83	154	.23	<10	7	--	2	--
26N/27E-17R01	07-28-82	679	12	--	4	18	8	800
			Franklin County, Wash.					
09N/29E-02G02	05-18-83	328	<.10	100	73	--	23	--
09N/30E-02R01	08-27-82	370	4.0	--	<3	11	1	390
	03-08-83	372	4.3	20	11	--	1	--
	07-19-83	365	4.1	--	13	--	3	--
10N/28E-12F01	03-10-83	287	<.10	20	34	--	39	--
10N/29E-25G01	07-26-83	469	6.9	20	6	--	<1	--
10N/30E-03J01	08-27-82	442	9.2	--	5	11	<1	470
	03-11-83	455	9.3	10	9	--	1	--
	07-21-83	439	9.5	--	24	--	9	--
10N/30E-35R01	03-10-83	431	13	20	5	--	2	--
10N/31E-09D01	07-21-83	412	5.6	--	7	--	2	--
10N/31E-32L02	08-30-82	294	1.6	--	<3	17	1	180
	03-09-83	292	1.6	20	7	--	<1	--
	07-20-83	293	1.7	--	14	--	3	--
10N/32E-03R01	07-19-83	483	11	--	10	--	2	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Franklin County, Wash.--Continued					
10N/32E-23J01	08-30-82	1245	260	8.0	23.0	4.8	--	71
	03-08-83	1100	250	7.7	22.0	4.6	<1	72
	07-20-83	1200	260	7.9	23.0	4.9	--	73
11N/29E-03H01	05-23-83	1300	296	8.1	22.0	.1	--	69
	07-25-83	1130	286	7.8	21.5	.1	--	69
11N/29E-31N01	08-30-82	1430	435	7.8	24.5	.1	--	81
	03-09-83	1130	430	7.9	24.0	.4	<1	82
	07-25-83	1315	423	7.5	24.5	.1	--	81
11N/30E-02R01	03-10-83	1100	555	7.8	14.5	8.8	--	220
11N/30E-12D01	08-30-82	1745	585	8.2	17.5	.8	--	110
	03-09-83	1415	--	8.3	16.5	2.6	<1	120
	07-21-83	1445	588	8.3	17.5	.6	--	110
11N/30E-36M01	05-17-83	1600	830	7.8	16.5	8.7	--	380
	07-22-83	0815	838	7.8	17.0	8.5	--	400
11N/31E-04P01	08-30-82	1615	375	8.2	21.5	3.4	--	73
	05-18-83	1310	380	7.8	21.0	3.3	--	78
	07-21-83	1315	375	8.0	22.0	3.2	--	77
12N/28E-23H01D1	08-30-82	1030	395	8.2	18.5	.2	--	53
	03-09-83	1630	378	8.2	18.5	.1	<1	54
	07-26-83	1200	386	8.1	19.0	.2	--	56
12N/29E-34B01D1	03-11-83	1100	370	8.3	12.5	3.4	--	25
12N/30E-05B01	09-01-82	1615	745	7.8	17.5	7.8	--	340
	03-10-83	1430	735	7.6	17.0	8.4	<1	320
	07-22-83	1000	735	7.7	17.5	7.5	--	330
13N/28E-13N01	03-14-83	1615	375	8.4	28.5	3.8	<1	3
	07-26-83	1340	382	8.4	29.5	--	--	4

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Franklin County, Wash.--Continued					
10N/32E-23J01	08-30-82	0	17	6.9	24	40	1	6.5
	03-08-83	0	17	7.1	24	40	1	6.3
	07-20-83	0	17	7.4	25	40	1	6.7
11N/29E-03H01	05-23-83	0	18	5.9	32	47	2	6.2
	07-25-83	0	18	5.9	31	47	2	6.3
11N/29E-31N01	08-30-82	0	20	7.4	60	58	3	11
	03-09-83	0	20	7.8	60	58	3	11
	07-25-83	0	20	7.6	59	57	3	11
11N/30E-02R01	03-10-83	9	53	22	29	21	.8	6.9
11N/30E-12D01	08-30-82	0	30	8.5	81	57	3	18
	03-09-83	0	33	8.9	80	55	3	19
	07-21-83	0	29	8.1	80	57	3	20
11N/30E-36M01	05-17-83	180	60	57	25	12	.6	2.1
	07-22-83	190	60	60	27	13	.6	2.0
11N/31E-04P01	08-30-82	0	18	6.9	46	53	2	11
	05-18-83	0	19	7.3	47	53	2	11
	07-21-83	0	19	7.2	46	52	2	11
12N/28E-23H01D1	08-30-82	0	15	3.7	62	68	4	9.6
	03-09-83	0	15	3.9	63	68	4	9.6
	07-26-83	0	16	4.0	62	66	4	9.3
12N/29E-34B01D1	03-11-83	0	6.8	1.9	72	79	6	13
12N/30E-05B01	09-01-82	190	72	39	22	12	.5	5.1
	03-10-83	--	66	38	21	12	.5	5.1
	07-22-83	170	69	38	21	12	.5	5.1
13N/28E-13N01	03-14-83	0	.77	.34	76	87	18	16
	07-26-83	0	.79	.43	75	88	17	15

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Franklin County, Wash.--Continued				
10N/32E-23J01	08-30-82	98	119	0	21	7.2	0.6	69
	03-08-83	98	119	0	19	7.0	.7	69
	07-20-83	100	122	0	20	7.3	.6	69
11N/29E-03H01	05-23-83	117	143	0	23	6.4	.7	51
	07-25-83	121	148	0	24	6.4	.6	50
11N/29E-31N01	08-30-82	195	238	0	10	19	.8	68
	03-09-83	199	243	0	.9	19	.9	72
	07-25-83	212	258	0	1.6	20	.8	68
11N/30E-02R01	03-10-83	214	261	0	68	23	.3	41
11N/30E-12D01	08-30-82	162	198	0	94	31	.3	37
	03-09-83	162	198	0	100	34	.3	32
	07-21-83	164	200	0	89	29	.4	35
11N/30E-36M01	05-17-83	203	248	0	120	55	.3	50
	07-22-83	204	249	0	120	54	.4	51
11N/31E-04P01	08-30-82	139	169	0	27	8.7	.9	85
	05-18-83	144	176	0	27	8.0	1.0	84
	07-21-83	130	159	0	27	8.6	1.0	80
12N/28E-23H01D1	08-30-82	158	193	0	11	19	.8	62
	03-09-83	171	208	0	9.6	18	.9	62
	07-26-83	176	215	0	9.6	20	.9	61
12N/29E-34B01D1	03-11-83	167	204	0	14	14	1.7	61
12N/30E-05B01	09-01-82	152	185	0	120	54	.3	57
	03-10-83	--	--	--	120	51	.3	56
	07-22-83	156	190	0	130	53	.3	55
13N/28E-13N01	03-14-83	149	157	12	19	14	2.4	66
	07-26-83	154	164	12	20	15	2.4	64

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Franklin County, Wash.--Continued					
10N/32E-23J01	08-30-82	215	0.87	--	6	13	<1	67
	03-08-83	213	.93	30	7	--	<1	--
	07-20-83	217	1.0	--	7	--	2	--
11N/29E-03H01	05-23-83	214	<.10	30	10	--	8	--
	07-25-83	215	<.10	30	5	--	9	--
11N/29E-31N01	08-30-82	314	<.10	--	120	35	53	150
	03-09-83	311	<.10	70	150	--	47	--
	07-25-83	316	.22	70	130	--	46	--
11N/30E-02R01	03-10-83	389	4.0	30	3	--	<1	--
11N/30E-12D01	08-30-82	405	1.7	--	4	21	67	130
	03-09-83	413	1.9	30	8	--	64	--
	07-21-83	396	1.6	--	6	--	59	--
11N/30E-36M01	05-17-83	527	8.1	20	14	--	3	--
	07-22-83	554	13	--	8	--	3	--
11N/31E-04P01	08-30-82	302	3.4	--	6	15	<1	92
	05-18-83	309	4.1	40	16	--	2	--
	07-21-83	293	3.4	--	9	--	8	--
12N/28E-23H01D1	08-30-82	278	<.10	--	35	18	29	97
	03-09-83	284	<.10	30	57	--	23	--
	07-26-83	289	<.10	30	49	--	22	--
12N/29E-34B01D1	03-11-83	285	<.10	80	9	--	1	--
12N/30E-05B01	09-01-82	497	8.2	--	6	15	5	670
	03-10-83	487	7.9	20	<3	--	2	--
	07-22-83	498	7.6	--	5	--	<1	--
13N/28E-13N01	03-14-83	285	.22	80	38	--	6	--
	07-26-83	285	<.10	80	39	--	3	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Franklin County, Wash.--Continued					
13N/29E-08H01	09-01-82	0930	320	8.0	21.0	0.1	--	81
	03-10-83	1000	341	7.9	20.0	1.5	<1	94
	07-22-83	1200	435	7.9	20.5	.1	--	140
13N/30E-31N01	09-01-82	1345	925	7.9	16.0	8.0	--	380
	03-10-83	1250	955	7.5	15.5	9.2	<1	360
	07-26-83	1530	845	7.6	16.0	9.2	--	350
13N/31E-01E01	08-31-82	1130	560	7.6	20.5	3.0	--	220
	03-10-83	1430	525	7.6	20.0	3.2	<1	220
	07-21-83	1430	545	7.6	20.5	3.1	--	230
13N/32E-03C01	08-31-82	1300	420	7.9	18.5	5.8	--	100
	05-18-83	1500	471	7.8	18.0	6.0	--	120
	07-21-83	1300	449	7.8	18.5	6.6	--	120
13N/32E-07E02	08-31-82	1530	310	8.0	--	7.4	--	110
	03-10-83	1230	298	8.0	9.5	7.7	<1	120
	07-21-83	1130	310	7.9	19.5	6.4	--	120
13N/33E-06M01D1	09-02-82	0900	395	8.7	16.5	.4	--	45
	03-10-83	1030	391	8.8	17.0	.1	--	33
14N/29E-05A01	08-31-82	1130	560	8.2	19.0	5.8	--	220
	03-15-83	0900	557	7.8	14.0	8.4	<1	240
	07-26-83	1645	580	8.3	18.5	8.2	--	220
14N/29E-19Q01	08-31-82	1630	660	7.8	22.5	4.2	--	230
	03-10-83	1400	645	7.6	20.0	5.7	--	240
	07-27-83	0900	661	7.7	20.0	5.5	--	240
14N/30E-10P01	08-31-82	0845	375	7.7	16.5	7.6	--	150
	03-14-83	1345	370	7.5	15.0	8.5	<1	150
	07-26-83	1830	375	7.7	16.5	8.2	--	150
14N/31E-19B01	09-02-82	0930	440	8.0	17.5	7.8	--	180
	03-11-83	0950	440	7.6	17.0	7.7	<1	170
	07-27-83	1030	432	7.8	17.5	--	--	170

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Franklin County, Wash.--Continued					
13N/29E-08H01	09-01-82	0	19	8.2	38	48	2	6.8
	03-10-83	0	22	9.4	40	47	2	7.1
	07-22-83	0	31	14	38	36	1	8.0
13N/30E-31N01	09-01-82	150	86	41	52	23	1	4.8
	03-10-83	100	80	39	51	23	1	4.3
	07-26-83	90	77	39	52	24	1	4.2
13N/31E-01E01	08-31-82	0	53	22	25	19	.7	7.3
	03-10-83	0	52	21	24	19	.7	6.7
	07-21-83	0	55	23	26	19	.7	7.2
13N/32E-03C01	08-31-82	0	23	11	48	49	2	5.5
	05-18-83	0	28	13	52	46	2	5.8
	07-21-83	0	25	13	51	47	2	5.8
13N/32E-07E02	08-31-82	0	25	12	18	25	.7	4.9
	03-10-83	0	27	12	18	24	.7	4.7
	07-21-83	0	27	13	18	24	.7	5.1
13N/33E-06M01D1	09-02-82	0	13	3.1	69	74	4	6.9
	03-10-83	0	9.5	2.2	76	80	6	6.9
14N/29E-05A01	08-31-82	63	38	30	32	24	.9	5.9
	03-15-83	78	41	33	34	23	1	6.0
	07-26-83	58	37	32	32	23	.9	6.0
14N/29E-19Q01	08-31-82	86	49	27	41	26	1	11
	03-10-83	73	50	29	42	26	1	11
	07-27-83	89	50	28	42	26	1	11
14N/30E-10P01	08-31-82	0	30	19	22	23	.8	4.8
	03-14-83	0	29	18	21	23	.8	4.7
	07-26-83	0	28	19	21	23	.8	5.1
14N/31E-19B01	09-02-82	18	36	21	22	21	.7	6.4
	03-11-83	16	33	21	22	21	.7	6.4
	07-27-83	13	34	21	22	21	.7	6.0

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Franklin County, Wash.--Continued					
13N/29E-08H01	09-01-82	145	177	0	11	10	0.5	64
	03-10-83	184	225	0	13	12	.5	61
	07-22-83	198	241	0	17	12	.4	61
13N/30E-31N01	09-01-82	230	280	0	150	49	.3	48
	03-10-83	260	317	0	150	47	.3	46
	07-26-83	262	320	0	120	47	.8	51
13N/31E-01E01	08-31-82	228	278	0	32	19	.3	54
	03-10-83	226	276	0	30	18	.4	54
	07-21-83	232	283	0	31	21	.3	54
13N/32E-03C01	08-31-82	154	188	0	33	9.4	1.3	50
	05-18-83	171	209	0	43	11	1.3	49
	07-21-83	164	200	0	39	10	1.2	49
13N/32E-07E02	08-31-82	125	153	0	21	9.2	.5	49
	03-10-83	127	155	0	19	10	.6	48
	07-21-83	127	155	0	20	8.6	.5	48
13N/33E-06M01D1	09-02-82	137	167	10	44	7.8	.7	39
	03-10-83	161	170	13	33	9.2	.8	41
14N/29E-05A01	08-31-82	156	190	0	76	32	.5	57
	03-15-83	161	196	0	80	32	.7	59
	07-26-83	166	202	0	80	34	.6	56
14N/29E-19Q01	08-31-82	148	180	0	100	30	.5	61
	03-10-83	171	209	0	110	29	.6	63
	07-27-83	151	184	0	110	30	.5	60
14N/30E-10P01	08-31-82	156	190	0	28	7.7	.4	53
	03-14-83	154	188	0	29	8.3	.5	51
	07-26-83	159	194	0	31	7.9	.5	51
14N/31E-19B01	09-02-82	158	193	0	55	17	.4	58
	03-11-83	152	186	0	49	11	.5	58
	07-27-83	158	193	0	48	14	.5	63

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Franklin County, Wash.--Continued					
13N/29E-08H01	09-01-82	245	<0.10	--	35	13	51	170
	03-10-83	276	<.10	30	84	--	71	--
	07-22-83	301	<.10	--	790	--	150	--
13N/30E-31N01	09-01-82	605	8.0	--	4	18	2	810
	03-10-83	604	6.8	30	8	--	<1	--
	07-26-83	581	7.4	30	5	--	<1	--
13N/31E-01E01	08-31-82	358	2.0	--	<3	19	2	270
	03-10-83	352	2.2	30	<3	--	2	--
	07-21-83	367	2.3	--	4	--	3	--
13N/32E-03C01	08-31-82	291	3.9	--	<3	17	<1	120
	05-18-83	330	5.5	40	<3	--	<1	--
	07-21-83	312	4.5	--	3	--	<1	--
13N/32E-07E02	08-31-82	219	.95	--	4	12	<1	150
	03-10-83	220	1.0	30	<3	--	2	--
	07-21-83	221	.99	--	10	--	<1	--
13N/33E-06M01D1	09-02-82	278	.54	--	39	29	2	44
	03-10-83	275	<.10	30	120	--	<1	--
14N/29E-05A01	08-31-82	383	4.0	--	3	11	2	380
	03-15-83	400	4.1	30	<3	--	1	--
	07-26-83	396	4.4	20	<3	--	<1	--
14N/29E-19Q01	08-31-82	461	12	--	4	18	1	350
	03-10-83	486	11	20	<3	--	<1	--
	07-27-83	475	12	30	6	--	<1	--
14N/30E-10P01	08-31-82	264	1.2	--	3	8	2	240
	03-14-83	260	1.4	40	20	--	6	--
	07-26-83	265	1.3	40	13	--	1	--
14N/31E-19B01	09-02-82	320	2.0	--	<3	12	3	270
	03-11-83	301	1.9	40	12	--	1	--
	07-27-83	312	1.9	40	14	--	1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Franklin County, Wash.--Continued					
14N/34E-25P01D1	09-02-82	1045	835	7.7	18.5	2.9	--	350
	05-20-83	1400	820	7.7	16.5	3.8	<1	330
	07-21-83	1645	830	7.7	17.0	3.6	--	340
14N/36E-19N01	09-01-82	1345	790	7.5	29.0	.1	--	240
	05-20-83	1530	790	7.4	28.5	.1	<1	240
	08-03-83	1215	766	7.2	29.5	.1	--	240
			Garfield County, Wash.					
11N/41E-24E01	09-03-82	0945	350	7.2	15.5	6.9	--	140
	03-01-83	0930	580	7.2	12.5	5.9	--	260
11N/42E-05C01	08-11-83	1400	320	7.6	16.0	5.8	--	130
11N/43E-16H01	08-11-83	1645	313	8.1	16.5	3.4	--	140
12N/42E-33Q01	06-22-82	1045	300	7.2	15.5	--	<1	140
12N/42E-34R01	06-22-82	0915	202	7.3	17.5	--	<1	99
13N/40E-14C01	09-03-82	0830	375	7.7	17.5	10.2	--	180
	06-21-83	1330	410	7.7	17.0	9.4	--	180
14N/41E-34K01	09-03-82	1100	490	7.7	13.0	8.7	--	210
	03-01-83	1435	552	7.7	12.0	9.0	--	230
	08-23-83	1300	460	7.7	13.0	9.2	--	180
14N/43E-32C01	09-03-82	0920	259	8.2	15.0	--	--	61
	03-01-83	1245	259	8.4	15.0	.2	--	61
	08-24-83	1000	256	8.4	15.5	.3	--	61
14N/43E-33M01	08-12-83	1215	262	7.5	16.0	4.5	--	96

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Franklin County, Wash.--Continued					
14N/34E-25P01D1	09-02-82	100	77	37	40	20	0.9	5.9
	05-20-83	92	73	36	41	21	1	5.7
	07-21-83	93	74	37	41	21	1	5.9
14N/36E-19N01	09-01-82	0	37	35	80	40	2	19
	05-20-83	0	35	36	81	40	2	21
	08-03-83	0	35	36	82	41	2	18
			Garfield County, Wash.					
11N/41E-24E01	09-03-82	23	38	12	13	16	.5	2.1
	03-01-83	31	67	23	19	14	.5	2.2
11N/42E-05C01	08-11-83	6	31	12	9.7	14	.4	3.4
11N/43E-16H01	08-11-83	0	31	15	12	15	.4	3.3
12N/42E-33Q01	06-22-82	0	36	12	10	13	.4	4.0
12N/42E-34R01	06-22-82	0	26	8.3	7.1	13	.3	3.5
13N/40E-14C01	09-03-82	36	46	15	12	13	.4	3.7
	06-21-83	39	46	16	12	12	.4	3.7
14N/41E-34K01	09-03-82	0	46	22	29	23	.9	2.6
	03-01-83	0	50	25	32	23	.9	2.7
	08-23-83	0	39	20	28	25	.9	2.5
14N/43E-32C01	09-03-82	0	19	3.3	30	49	2	6.3
	03-01-83	0	19	3.4	29	47	2	6.8
	08-24-83	0	19	3.4	29	48	2	6.4
14N/43E-33M01	08-12-83	0	26	7.5	16	26	.7	3.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Franklin County, Wash.--Continued					
14N/34E-25P01D1	09-02-82	243	296	0	92	55	0.3	42
	05-20-83	239	291	0	92	54	.4	42
	07-21-83	244	298	0	90	56	.3	41
14N/36E-19N01	09-01-82	401	489	0	17	16	.6	100
	05-20-83	405	494	0	16	14	.7	100
	08-03-83	403	491	0	17	13	.7	99
			Garfield County, Wash.					
11N/41E-24E01	09-03-82	121	148	0	18	14	.3	44
	03-01-83	231	282	0	18	33	.3	44
11N/42E-05C01	08-11-83	120	147	0	12	7.2	.2	53
11N/43E-16H01	08-11-83	153	187	0	8.1	3.7	.4	54
12N/42E-33Q01	06-22-82	142	173	0	13	7.7	.2	55
12N/42E-34R01	06-22-82	107	131	0	6.0	3.3	.3	54
13N/40E-14C01	09-03-82	141	172	0	21	15	.4	49
	06-21-83	142	173	0	19	17	.4	48
14N/41E-34K01	09-03-82	215	262	0	8.0	4.2	.5	43
	03-01-83	230	280	0	12	7.3	.6	41
	08-23-83	218	266	0	8.9	4.3	.6	40
14N/43E-32C01	09-03-82	114	139	0	15	7.2	.5	56
	03-01-83	109	121	6	16	7.3	.6	55
	08-24-83	111	--	--	15	7.6	.6	54
14N/43E-33M01	08-12-83	119	145	0	7.8	2.1	.8	53

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Franklin County, Wash.--Continued					
14N/34E-25P01D1	09-02-82	521	5.8	--	4	17	5	350
	05-20-83	518	7.0	40	7	--	3	--
	07-21-83	523	7.0	--	18	--	6	--
14N/36E-19N01	09-01-82	548	.48	--	32	81	42	190
	05-20-83	549	.39	300	39	--	41	--
	08-03-83	544	.29	300	21	--	41	--
			Garfield County, Wash.					
11N/41E-24E01	09-03-82	234	4.5	--	4	9	2	120
	03-01-83	363	4.1	10	<3	--	40	--
11N/42E-05C01	08-11-83	215	3.3	<10	8	--	<1	--
11N/43E-16H01	08-11-83	222	.61	<10	17	--	8	--
12N/42E-33Q01	06-22-82	235	2.8	--	<3	--	<1	--
12N/42E-34R01	06-22-82	178	1.2	--	<3	--	3	--
13N/40E-14C01	09-03-82	271	5.5	--	5	8	1	150
	06-21-83	272	5.6	10	8	--	7	--
14N/41E-34K01	09-03-82	326	9.4	--	5	6	2	210
	03-01-83	357	11	<10	<3	--	<1	--
	08-23-83	309	7.9	--	<3	--	1	--
14N/43E-32C01	09-03-82	206	<.10	--	14	18	10	40
	03-01-83	203	<.10	20	9	--	6	--
	08-24-83	202	<.10	--	12	--	8	--
14N/43E-33M01	08-12-83	196	1.7	30	24	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Gilliam County, Oreg.					
01N/21E-12CCD1	08-05-83	1100	305	8.9	27.5	0.8	--	6
01N/22E-08ABD	08-05-83	0930	485	8.0	18.0	2.4	--	89
03N/21E-28BBD	07-22-83	1200	420	8.8	19.5	.2	--	8
			Grant County, Wash.					
14N/23E-13D01	08-13-82	1200	240	8.3	23.0	--	--	54
	07-28-83	1530	250	8.3	23.5	.6	--	54
14N/23E-26A01D1	08-12-82	1745	283	8.2	23.0	1.1	--	66
	03-16-83	1715	262	8.1	16.5	1.5	<1	71
	07-27-83	1745	290	8.1	22.5	2.5	--	66
14N/23E-36L02	08-12-82	1200	350	7.9	15.5	9.6	--	160
	03-16-83	1400	348	7.7	14.0	9.0	<1	160
	07-28-83	1710	355	8.0	14.5	--	--	160
14N/25E-02C01	08-11-82	0900	300	7.8	21.0	3.4	--	120
	03-16-83	0945	298	7.7	18.5	4.0	<1	120
	07-26-83	1720	310	7.9	20.5	--	--	120
15N/23E-35J01	08-12-82	1500	238	8.1	18.0	--	--	98
	03-16-83	1140	206	8.7	11.0	2.1	<1	56
	07-27-83	1230	221	8.2	23.0	.3	--	57
15N/23E-35P01	08-12-82	1400	210	8.1	21.5	.1	--	56
	03-15-83	1615	220	8.5	16.5	.8	<1	56
	07-27-83	1525	214	8.2	21.5	.1	--	57
15N/25E-35H01	08-19-82	1630	310	7.8	20.0	3.4	--	110
	03-15-83	1300	300	7.8	16.5	3.5	<1	110
	07-26-83	1850	305	7.9	20.0	3.3	--	110
16N/23E-21J01	08-13-82	0930	390	8.0	21.5	.1	--	140
	03-16-83	1115	395	7.5	21.0	.5	<1	140
	07-27-83	1200	390	8.0	21.5	.1	--	140

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Gilliam County, Oreg.					
01N/21E-12CCD1	08-05-83	0	1.9	0.2	63	87	12	11
01N/22E-08ABD	08-05-83	0	23	7.7	64	57	3	11
03N/21E-28BBD	07-22-83	0	2.5	.4	83	90	13	10
			Grant County, Wash.					
14N/23E-13D01	08-13-82	0	13	5.2	30	50	2	9.3
	07-28-83	0	13	5.3	30	50	2	8.8
14N/23E-26A01D1	08-12-82	0	17	5.6	31	46	2	9.6
	03-16-83	--	19	5.7	30	44	2	8.4
	07-27-83	0	18	5.2	32	48	2	8.1
14N/23E-36L02	08-12-82	32	46	11	10	12	.3	4.1
	03-16-83	--	45	11	11	13	.4	4.2
	07-28-83	32	46	12	8.6	10	.3	4.1
14N/25E-02C01	08-11-82	1	30	11	17	23	.7	5.5
	03-16-83	--	30	11	17	23	.7	5.2
	07-26-83	0	30	11	17	23	.7	5.1
15N/23E-35J01	08-12-82	10	26	8.1	5.8	11	.3	3.5
	03-16-83	--	13	5.6	23	43	1	8.1
	07-27-83	0	13	5.9	20	40	1	7.4
15N/23E-35P01	08-12-82	0	13	5.7	20	40	1	7.9
	03-15-83	0	13	5.7	23	43	1	8.0
	07-27-83	0	13	6.0	21	41	1	7.8
15N/25E-35H01	08-19-82	0	27	11	18	25	.7	4.6
	03-15-83	--	27	11	18	25	.7	4.4
	07-26-83	0	26	11	18	25	.7	4.5
16N/23E-21J01	08-13-82	0	30	16	30	30	1	6.5
	03-16-83	0	30	16	30	31	1	6.2
	07-27-83	0	29	16	29	30	1	6.4

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Gilliam County, Oreg.					
01N/21E-12CCD1	08-05-83	128	112	22	17	11	1.6	70
01N/22E-08ABD	08-05-83	179	218	0	40	21	1.0	51
03N/21E-28BBD	07-22-83	175	177	18	1.8	25	2.2	10
			Grant County, Wash.					
14N/23E-13D01	08-13-82	112	137	0	13	2.6	.9	57
	07-28-83	120	147	0	12	2.8	.9	57
14N/23E-26A01D1	08-12-82	117	143	0	14	4.3	.9	53
	03-16-83	--	--	--	13	3.8	.9	51
	07-27-83	119	145	0	17	5.1	.8	49
14N/23E-36L02	08-12-82	128	156	0	39	10	.2	31
	03-16-83	--	--	--	36	10	.2	29
	07-28-83	132	161	0	38	11	.2	62
14N/25E-02C01	08-11-82	119	145	0	24	7.4	.3	65
	03-16-83	--	--	--	22	7.7	.3	59
	07-26-83	124	151	0	22	7.3	.3	63
15N/23E-35J01	08-12-82	88	108	0	23	4.7	.2	35
	03-16-83	--	--	--	12	1.8	.7	53
	07-27-83	97	118	0	13	1.9	.7	27
15N/23E-35P01	08-12-82	95	116	0	13	1.7	.7	53
	03-15-83	117	--	--	12	1.8	.7	54
	07-27-83	98	120	0	13	1.9	.7	5.8
15N/25E-35H01	08-19-82	125	153	0	23	7.1	.3	62
	03-15-83	--	--	--	22	7.1	.3	62
	07-26-83	129	157	0	23	7.1	.3	48
16N/23E-21J01	08-13-82	158	193	0	42	8.1	.6	52
	03-16-83	156	190	0	39	7.9	.7	51
	07-27-83	161	196	0	38	8.0	.7	49

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Gilliam County, Oreg.					
01N/21E-12C01	08-05-83	253	<0.10	40	13	--	<1	--
01N/22E-DBABD	08-05-83	328	.54	20	12	--	7	--
03N/21E-28BBD	07-22-83	240	<.10	100	6	--	85	--
			Grant County, Wash.					
14N/23E-13D01	08-13-82	198	<.10	--	19	20	24	51
	07-28-83	202	<.10	20	19	--	24	--
14N/23E-26A01D1	08-12-82	212	1.4	--	<3	10	5	60
	03-16-83	213	1.5	20	10	--	1	--
	07-27-83	214	1.8	20	<3	--	2	--
14N/23E-36L02	08-12-82	234	1.3	--	7	4	2	200
	03-16-83	229	1.2	10	4	--	17	--
	07-28-83	266	1.2	<10	11	--	3	--
14N/25E-02C01	08-11-82	235	.83	--	<3	7	1	170
	03-16-83	231	.71	<10	72	--	4	--
	07-26-83	234	.84	<10	8	--	2	--
15N/23E-35J01	08-12-82	162	.54	--	8	19	<1	160
	03-16-83	178	<.10	--	24	--	2	--
	07-27-83	147	.10	10	30	--	30	--
15N/23E-35P01	08-12-82	172	<.10	--	<3	14	15	45
	03-15-83	194	<.10	10	10	--	4	--
	07-27-83	128	<.10	10	<3	--	<1	--
15N/25E-35H01	08-19-82	232	.81	--	<3	6	18	170
	03-15-83	228	.10	10	4	--	<1	--
	07-26-83	218	.76	10	5	--	3	--
16N/23E-21J01	08-13-82	280	<.10	--	51	18	45	130
	03-16-83	276	.36	10	90	--	46	--
	07-27-83	273	<.10	20	78	--	44	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Grant County, Wash.--Continued					
16N/24E-04H01	08-17-82	1300	1,000	7.6	18.0	4.1	--	440
	03-15-83	1145	940	7.3	17.5	3.5	<1	440
	07-27-83	1430	815	7.7	16.5	4.3	--	370
16N/25E-01Q01	08-17-82	1100	510	7.9	21.0	.6	--	140
	03-15-83	1015	530	7.7	18.5	3.8	<1	200
	07-27-83	1600	520	8.0	20.5	.5	--	160
16N/25E-04N01	08-17-82	1545	1,100	7.9	--	7.3	--	490
	03-15-83	1530	1,040	7.6	8.5	10.0	<1	490
	07-27-83	1330	1,060	7.6	--	8.8	--	490
16N/27E-10N01	08-11-82	1500	750	7.6	17.5	6.0	--	300
	03-11-83	1400	735	7.4	17.0	6.4	<1	280
	07-27-83	1800	760	7.7	17.5	5.3	--	300
17N/23E-02B01	08-19-82	1000	440	7.8	17.0	8.9	--	200
	05-16-83	1300	340	7.7	17.0	8.8	--	160
	07-28-83	1400	385	7.9	17.0	8.9	--	180
17N/23E-23A01D1	08-19-82	1400	950	7.6	25.0	3.0	--	230
	03-16-83	0945	960	7.3	23.5	4.8	<1	250
	07-30-83	1330	950	7.6	24.0	4.8	--	240
17N/24E-22L01	08-18-82	1140	653	7.8	16.5	6.8	--	230
	03-15-83	1320	640	7.6	16.0	7.0	<1	230
	07-30-83	1230	690	7.8	17.0	7.0	--	240
17N/26E-18H01	08-18-82	1545	790	7.4	16.5	.7	--	260
17N/27E-31D01	08-18-82	1415	580	7.8	21.0	3.4	--	170
	03-11-83	1200	495	7.5	17.5	2.6	<1	180
	07-28-83	1145	472	7.8	16.5	8.4	--	180
17N/29E-24C01	08-11-82	1415	590	7.8	16.5	7.7	--	94
17N/30E-33K01	08-11-82	1130	700	7.4	21.5	.3	--	180
	03-16-83	1510	676	7.7	16.5	.1	--	200
	07-28-83	1115	790	8.0	16.5	.1	--	220

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Grant County, Wash.--Continued					
16N/24E-04H01	08-17-82	230	73	63	35	14	0.7	9.5
	03-15-83	250	72	62	36	15	.8	11
	07-27-83	150	61	53	28	14	.6	7.9
16N/25E-01Q01	08-17-82	0	32	15	45	38	2	12
	03-15-83	34	42	23	38	28	1	8.6
	07-27-83	0	36	18	41	33	1	11
16N/25E-04N01	08-17-82	350	98	60	24	10	.5	3.3
	03-15-83	350	94	62	22	9	.4	3.1
	07-27-83	330	96	60	24	10	.5	3.4
16N/27E-10N01	08-11-82	120	62	36	40	22	1	9.1
	03-11-83	110	62	30	37	22	1	11
	07-27-83	110	59	37	39	21	1	8.8
17N/23E-02B01	08-19-82	61	37	26	9.9	10	.3	1.7
	05-16-83	23	29	21	8.6	10	.3	1.5
	07-28-83	37	33	23	9.5	10	.3	1.8
17N/23E-23A01D1	08-19-82	67	46	29	110	49	3	12
	03-16-83	83	47	31	110	48	3	13
	07-30-83	71	45	31	110	48	3	13
17N/24E-22L01	08-18-82	61	49	26	46	30	1	6.1
	03-15-83	60	48	26	47	30	1	5.9
	07-30-83	73	50	28	48	30	1	6.3
17N/26E-18H01	08-18-82	6	48	35	72	36	2	8.9
17N/27E-31D01	08-18-82	0	37	18	46	35	2	13
	03-11-83	18	38	20	36	29	1	8.7
	07-28-83	16	36	21	28	25	.9	5.6
17N/29E-24C01	08-11-82	0	13	15	86	64	4	7.4
17N/30E-33K01	08-11-82	6	33	24	68	43	2	11
	03-16-83	0	35	28	67	41	2	8.6
	07-28-83	7	37	31	73	41	2	9.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Grant County, Wash.--Continued					
16N/24E-04H01	08-17-82	215	262	0	260	29	0.5	54
	03-15-83	188	229	0	250	31	.5	56
	07-27-83	217	265	0	180	24	.6	52
16N/25E-01Q01	08-17-82	165	201	0	70	18	.6	50
	03-15-83	166	202	0	72	21	.5	53
	07-27-83	166	202	0	71	21	.6	50
16N/25E-04N01	08-17-82	148	180	0	200	110	.4	37
	03-15-83	138	168	0	200	120	.5	39
	07-27-83	152	186	0	200	110	.4	36
16N/27E-10N01	08-11-82	182	222	0	150	30	.8	60
	03-11-83	171	208	0	120	39	.6	66
	07-27-83	190	232	0	150	33	.8	55
17N/23E-02B01	08-19-82	139	169	0	37	25	.6	61
	05-16-83	136	166	0	26	12	.7	60
	07-28-83	140	171	0	31	17	.6	60
17N/23E-23A01D1	08-19-82	167	204	0	270	21	1.0	71
	03-16-83	162	198	0	280	22	1.1	72
	07-30-83	169	206	0	280	25	1.1	71
17N/24E-22L01	08-18-82	169	206	0	94	39	.7	52
	03-15-83	167	204	0	93	39	.8	52
	07-30-83	167	204	0	110	47	.7	51
17N/26E-18H01	08-18-82	258	315	0	120	37	.6	55
17N/27E-31D01	08-18-82	173	211	0	57	34	.5	56
	03-11-83	159	194	0	68	16	.6	57
	07-28-83	161	196	0	48	15	.6	59
17N/29E-24C01	08-11-82	185	226	0	67	22	.5	47
17N/30E-33K01	08-11-82	176	214	0	54	26	.5	44
	03-16-83	202	247	0	45	18	.5	44
	07-28-83	213	260	0	46	21	.4	56

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Grant County, Wash.--Continued					
16N/24E-04H01	08-17-82	675	4.8	--	13	24	6	530
	03-15-83	654	5.2	10	16	--	5	--
	07-27-83	554	3.9	10	23	--	14	--
16N/25E-01Q01	08-17-82	343	.31	--	<3	29	3	220
	03-15-83	368	2.4	10	<3	--	3	--
	07-27-83	354	1.3	20	18	--	1	--
16N/25E-04N01	08-17-82	684	14	--	11	11	24	810
	03-15-83	668	10	<10	6	--	<1	--
	07-27-83	683	14	<10	11	--	<1	--
16N/27E-10N01	08-11-82	529	7.0	--	13	18	3	560
	03-11-83	496	6.4	20	18	--	2	--
	07-27-83	526	6.7	20	19	--	3	--
17N/23E-02B01	08-19-82	292	2.4	--	10	8	5	240
	05-16-83	245	.99	10	15	--	1	--
	07-28-83	267	1.6	<10	14	--	18	--
17N/23E-23A01D1	08-19-82	661	.11	--	5	44	31	190
	03-16-83	674	.10	70	14	--	2	--
	07-30-83	678	.11	70	14	--	2	--
17N/24E-22L01	08-18-82	430	3.6	--	3	11	21	270
	03-15-83	428	3.7	<10	4	--	<1	--
	07-30-83	463	5.0	<10	5	--	<1	--
17N/26E-18H01	08-18-82	532	<.10	--	140	19	160	430
17N/27E-31D01	08-18-82	372	1.5	--	4	28	93	230
	03-11-83	349	2.1	10	6	--	2	--
	07-28-83	331	4.9	20	4	--	<1	--
17N/29E-24C01	08-11-82	393	5.5	--	<3	13	3	84
17N/30E-33K01	08-11-82	468	23	--	16	29	150	200
	03-16-83	461	21	30	14	--	69	--
	07-28-83	557	35	30	14	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Grant County, Wash.--Continued					
18N/23E-36H01	08-19-82	1225	545	7.6	15.5	7.5	--	250
18N/24E-04D02	08-16-82	1245	455	7.8	16.0	7.6	--	200
	05-16-83	1530	389	7.7	17.0	8.9	--	160
	07-28-83	1545	450	7.8	15.5	8.4	--	190
18N/25E-08C01	05-18-83	1615	750	7.8	14.0	4.6	--	310
18N/26E-32C01	08-17-82	1830	580	7.6	20.0	.5	--	220
	05-20-83	1545	540	7.6	20.5	.2	--	230
	08-01-83	0845	559	7.6	20.0	.2	--	230
18N/26E-34K01	05-18-83	1345	815	7.8	21.0	.0	<1	280
18N/28E-26F01	08-12-82	1100	432	8.5	22.5	.7	--	17
	05-17-83	1745	440	8.4	22.0	.3	--	18
	07-28-83	1600	442	8.5	22.5	.4	--	17
18N/29E-01A02	05-18-83	1040	460	7.9	16.0	5.5	--	130
	07-29-83	0930	345	8.1	16.0	--	--	85
18N/29E-02A01	08-13-82	0830	398	7.7	14.5	8.5	--	66
	03-17-83	0920	415	7.8	13.5	9.0	<1	69
	07-28-83	1415	458	8.0	14.5	8.8	--	63
18N/30E-16R01	08-12-82	1330	1,100	7.7	15.0	6.3	--	450
	03-18-83	1320	1,090	7.6	15.0	7.6	<1	460
	07-28-83	1300	1,080	7.8	15.0	6.9	--	470
19N/23E-22M01	08-16-82	1400	610	7.8	15.5	5.8	--	290
	03-16-83	1400	575	7.8	14.5	8.8	<1	290
	07-28-83	1700	612	7.8	15.5	8.3	--	310
19N/25E-08A01	08-17-82	0830	435	7.9	21.5	5.8	--	140
	07-29-83	1745	447	8.0	23.0	--	--	140
19N/26E-25D01	05-19-83	1000	318	7.9	17.5	10.2	<1	110

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Grant County, Wash.--Continued					
18N/23E-36H01	08-19-82	43	50	31	13	10	0.4	2.3
18N/24E-04D02	08-16-82	37	41	23	15	14	.5	2.9
	05-16-83	23	34	18	16	18	.6	2.7
	07-28-83	32	40	23	15	14	.5	3.0
18N/25E-08C01	05-18-83	81	72	32	42	22	1	4.5
18N/26E-32C01	08-17-82	0	45	26	30	22	.9	8.3
	05-20-83	0	46	27	31	22	.9	8.0
	08-01-83	0	47	27	31	22	.9	8.2
18N/26E-34K01	05-18-83	76	56	33	48	26	1	12
18N/28E-26F01	08-12-82	0	4.1	1.7	84	84	9	13
	05-17-83	0	4.2	1.9	84	84	9	12
	07-28-83	0	3.9	1.8	86	85	9	12
18N/29E-01A02	05-18-83	0	25	16	47	43	2	5.8
	07-29-83	0	16	11	42	50	2	6.1
18N/29E-02A01	08-13-82	0	11	9.3	60	65	3	2.6
	03-17-83	0	11	10	67	67	4	3.0
	07-28-83	0	9.5	9.5	79	72	4	2.2
18N/30E-16R01	08-12-82	300	89	55	44	17	.9	4.5
	03-18-83	320	87	59	46	18	.9	4.2
	07-28-83	320	92	59	45	17	.9	4.2
19N/23E-22M01	08-16-82	56	55	38	10	7	.3	2.4
	03-16-83	56	53	38	10	7	.3	2.4
	07-28-83	69	59	40	10	6	.2	2.4
19N/25E-08A01	08-17-82	14	28	18	29	29	1	6.7
	07-29-83	15	28	18	30	30	1	6.6
19N/26E-25D01	05-19-83	0	30	7.8	24	31	1	6.0

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Grant County, Wash.--Continued					
18N/23E-36H01	08-19-82	210	256	0	40	14	0.5	58
18N/24E-04D02	08-16-82	161	196	0	35	13	.5	54
	05-16-83	136	166	0	25	14	.5	52
	07-28-83	162	198	0	36	16	.5	51
18N/25E-08C01	05-18-83	230	281	0	110	21	.5	44
18N/26E-32C01	08-17-82	228	278	0	33	18	.4	62
	05-20-83	229	279	0	37	21	.4	60
	08-01-83	229	279	0	36	22	.5	62
18N/26E-34K01	05-18-83	200	244	0	41	120	.4	57
18N/28E-26F01	08-12-82	158	171	11	37	18	1.7	55
	05-17-83	159	174	10	35	16	1.8	54
	07-28-83	167	174	14	36	18	1.8	55
18N/29E-01A02	05-18-83	156	190	0	47	14	.4	42
	07-29-83	129	157	0	36	6.8	.4	40
18N/29E-02A01	08-13-82	156	190	0	33	7.7	.6	52
	03-17-83	139	170	0	52	12	.7	50
	07-28-83	176	215	0	42	13	.6	58
18N/30E-16R01	08-12-82	153	187	0	180	93	.5	54
	03-18-83	136	166	0	200	100	.5	54
	07-28-83	154	188	0	200	97	.5	50
19N/23E-22M01	08-16-82	239	291	0	46	14	.3	54
	03-16-83	233	284	0	46	16	.3	53
	07-28-83	243	296	0	50	23	.3	53
19N/25E-08A01	08-17-82	130	159	0	41	22	.4	52
	07-29-83	129	157	0	44	24	.5	60
19N/26E-25D01	05-19-83	157	191	0	16	2.2	.4	45

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Grant County, Wash.--Continued					
18N/23E-36H01	08-19-82	353	4.1	--	<3	7	8	360
18N/24E-04D02	08-16-82	301	4.4	--	<3	8	<1	300
	05-16-83	266	5.1	<10	<3	--	2	--
	07-28-83	301	4.4	<10	<3	--	<1	--
18N/25E-08C01	05-18-83	501	8.3	50	<3	--	1	--
18N/26E-32C01	08-17-82	371	2.6	--	<3	15	9	440
	05-20-83	382	3.2	20	<3	--	<1	--
	08-01-83	383	2.8	20	4	--	<1	--
18N/26E-34K01	05-18-83	488	<.10	30	59	--	97	--
18N/28E-26F01	08-12-82	312	.42	--	9	30	1	23
	05-17-83	305	.21	40	16	--	6	--
	07-28-83	316	.39	40	8	--	<1	--
18N/29E-01A02	05-18-83	304	3.1	30	10	--	10	--
	07-29-83	241	1.2	20	3	--	<1	--
18N/29E-02A01	08-13-82	279	2.1	--	<3	10	<1	120
	03-17-83	300	2.5	30	9	--	4	--
	07-28-83	335	3.5	40	3	--	<1	--
18N/30E-16R01	08-12-82	728	26	--	<3	26	1	760
	03-18-83	716	19	30	16	--	<1	--
	07-28-83	746	24	30	11	--	<1	--
19N/23E-22M01	08-16-82	383	4.5	--	<3	7	6	420
	03-16-83	378	4.4	<10	3	--	<1	--
	07-28-83	403	4.5	<10	4	--	<1	--
19N/25E-08A01	08-17-82	295	4.5	--	<3	15	4	200
	07-29-83	309	4.6	10	47	--	51	--
19N/26E-25D01	05-19-83	226	.21	10	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Grant County, Wash.--Continued					
19N/26E-36E01	08-13-82	1700	417	7.5	20.0	0.4	--	140
	08-29-83	1400	412	7.7	20.0	.4	--	140
19N/27E-24H02	03-16-83	1615	850	7.2	13.5	8.5	<1	300
19N/27E-30N01	08-13-82	1420	453	7.6	19.5	5.0	--	170
	05-16-83	1800	497	7.7	19.0	7.2	--	180
19N/29E-03B01	08-14-82	1000	333	8.8	22.5	.2	--	7
	05-27-83	0840	335	8.8	22.0	.1	--	14
	07-29-83	1530	340	8.8	22.5	.3	--	9
19N/29E-08L01	08-12-82	1300	362	7.7	15.0	6.1	--	110
	05-26-83	1545	326	7.7	15.0	6.0	--	110
	07-29-83	1425	348	8.0	15.0	6.1	--	120
19N/30E-03E01	05-26-83	1415	385	9.2	21.5	.0	--	17
	07-30-83	1810	395	9.2	21.0	.2	--	15
19N/30E-07L01	05-23-83	1645	360	9.0	23.0	.2	--	4
	09-06-83	1415	362	9.1	23.0	.2	--	12
19N/30E-15L01	08-14-82	0815	410	8.9	23.5	.4	--	14
	05-17-83	1545	393	9.0	24.0	.0	--	3
19N/30E-33B01	07-14-83	1400	350	8.2	15.0	--	--	110
20N/23E-16D01	08-16-82	1600	580	7.9	16.0	7.4	--	270
	03-18-83	0930	545	7.7	7.5	--	<1	240
	07-29-83	1200	540	8.1	14.5	8.8	--	260
20N/25E-14K01	05-17-83	1600	430	7.4	15.0	8.0	<1	180
20N/25E-17Q01	08-12-82	1730	353	7.8	18.5	7.4	--	140
	03-18-83	1215	380	7.8	14.0	8.0	<1	150
	07-30-83	1100	368	7.8	18.0	7.3	--	160
20N/26E-26J01	08-12-82	1930	345	7.6	20.5	3.8	--	99
	07-29-83	0900	340	7.7	21.0	4.2	--	110

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Grant County, Wash.--Continued					
19N/26E-36E01	08-13-82	0	30	15	36	35	1	9.3
	08-29-83	0	30	15	34	33	1	8.5
19N/27E-24H02	03-16-83	0	52	41	71	32	2	19
19N/27E-30N01	08-13-82	0	36	19	32	29	1	5.0
	05-16-83	2	38	21	33	28	1	4.6
19N/29E-03B01	08-14-82	0	2.4	.30	68	89	11	8.9
	05-27-83	0	4.0	.89	66	85	8	9.5
	07-29-83	0	2.8	.51	68	88	10	9.0
19N/29E-08L01	08-12-82	0	24	13	28	34	1	3.9
	05-26-83	0	22	13	28	35	1	3.4
	07-29-83	0	24	14	29	34	1	3.5
19N/30E-03E01	05-26-83	0	4.3	1.4	80	88	9	6.4
	07-30-83	0	3.9	1.2	78	88	9	6.5
19N/30E-07L01	05-23-83	0	1.3	.30	79	93	16	6.6
	09-06-83	0	3.3	1.0	77	89	10	6.9
19N/30E-15L01	08-14-82	0	4.0	.90	79	88	9	8.0
	05-17-83	0	1.2	.12	84	94	20	5.7
19N/30E-33B01	07-14-83	--	23	12	30	36	1	7.8
20N/23E-16D01	08-16-82	83	27	49	18	13	.5	3.1
	03-18-83	--	22	46	18	14	.5	2.5
	07-29-83	63	23	48	18	13	.5	2.6
20N/25E-14K01	05-17-83	0	49	14	17	16	.6	6.2
20N/25E-17Q01	08-12-82	19	34	14	17	20	.6	4.1
	03-18-83	--	36	15	18	20	.6	3.8
	07-30-83	34	37	16	18	19	.6	4.0
20N/26E-26J01	08-12-82	0	23	10	28	36	1	6.0
	07-29-83	0	25	11	30	36	1	6.1

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Grant County, Wash.--Continued				
19N/26E-36E01	08-13-82	182	222	0	26	6.9	0.5	61
	08-29-83	182	222	0	23	6.5	.5	61
19N/27E-24H02	03-16-83	385	470	0	51	14	.7	33
19N/27E-30N01	08-13-82	171	208	0	43	8.0	.5	62
	05-16-83	180	219	0	51	10	.5	60
19N/29E-03B01	08-14-82	133	130	16	11	14	2.2	69
	05-27-83	140	150	10	12	17	2.2	64
	07-29-83	135	126	19	10	16	2.3	36
19N/29E-08L01	08-12-82	152	185	0	25	4.3	.6	50
	05-26-83	143	174	0	24	3.8	.7	50
	07-29-83	148	181	0	25	4.0	.6	56
19N/30E-03E01	05-26-83	149	127	27	22	20	3.1	74
	07-30-83	151	137	23	15	19	2.8	72
19N/30E-07L01	05-23-83	139	135	17	23	18	2.3	72
	09-06-83	137	129	19	22	16	2.0	69
19N/30E-15L01	08-14-82	138	132	18	30	17	2.1	72
	05-17-83	139	139	15	27	16	2.4	73
19N/30E-33B01	07-14-83	--	--	--	29	6.9	.5	44
20N/23E-16D01	08-16-82	186	227	0	69	21	.6	55
	03-18-83	--	--	--	61	23	.7	54
	07-29-83	192	234	0	62	20	.6	55
20N/25E-14K01	05-17-83	185	225	0	36	6.4	.3	43
20N/25E-17Q01	08-12-82	124	151	0	36	10	.6	61
	03-18-83	--	--	--	36	10	.6	63
	07-30-83	124	151	0	37	12	.6	61
20N/26E-26J01	08-12-82	148	180	0	17	4.5	.5	61
	07-29-83	148	181	0	17	4.6	.5	61

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Grant County, Wash.--Continued					
19N/26E-36E01	08-13-82	303	2.0	--	<3	14	6	230
	08-29-83	297	2.2	20	<3	--	6	--
19N/27E-24H02	03-16-83	535	4.9	40	4	--	2	--
19N/27E-30N01	08-13-82	326	4.0	--	<3	8	<1	330
	05-16-83	350	5.5	20	13	--	5	--
19N/29E-03B01	08-14-82	256	<.10	--	13	32	21	6
	05-27-83	259	<.10	40	19	--	4	--
	07-29-83	226	<.10	40	26	--	16	--
19N/29E-08L01	08-12-82	249	2.0	--	<3	14	2	170
	05-26-83	238	1.6	20	9	--	4	--
	07-29-83	253	1.8	20	19	--	24	--
19N/30E-03E01	05-26-83	302	.22	50	4	--	1	--
	07-30-83	289	.10	50	28	--	1	--
19N/30E-07L01	05-23-83	286	<.10	40	58	--	1	--
	09-06-83	280	<.10	40	41	--	3	--
19N/30E-15L01	08-14-82	296	<.10	--	28	32	24	12
	05-17-83	293	<.10	40	36	--	5	--
19N/30E-33B01	07-14-83	243	0.43	--	56	--	47	--
20N/23E-16D01	08-16-82	374	4.3	--	120	9	34	350
	03-18-83	350	2.7	20	15	--	53	--
	07-29-83	360	3.6	20	3	--	<1	--
20N/25E-14K01	05-17-83	291	1.9	10	17	--	<1	--
20N/25E-17Q01	08-12-82	268	3.7	--	<3	18	2	180
	03-18-83	275	3.9	20	40	--	30	--
	07-30-83	276	3.6	10	12	--	<1	--
20N/26E-26J01	08-12-82	251	2.8	--	<3	19	2	190
	07-29-83	257	2.9	10	3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Grant County, Wash.--Continued					
20N/28E-11R01	08-18-82	0950	422	7.7	16.5	8.1	--	190
20N/28E-32H01	08-13-82	1100	335	8.0	21.0	1.4	--	86
	03-17-83	1100	320	7.7	21.5	2.8	<1	76
	07-29-83	1430	334	8.1	21.5	2.2	--	83
20N/29E-01A01	08-12-82	0930	355	8.0	18.0	.2	--	84
	05-17-83	1400	361	8.0	18.0	.3	--	84
20N/29E-33R01	07-13-83	1530	435	7.8	16.0	--	--	150
21N/26E-15H01	07-27-82	0930	280	8.0	26.5	.1	--	89
	03-18-83	1415	285	7.5	25.0	.2	<1	91
	09-02-83	1015	280	8.1	25.5	.1	--	91
21N/26E-28A01	03-17-83	1330	650	7.5	13.5	9.5	<1	290
21N/28E-19F02	07-26-82	1040	380	7.7	15.5	9.1	--	140
21N/28E-36R01	07-26-82	1330	200	7.1	15.5	8.3	--	90
	03-18-83	0900	200	7.4	15.0	8.4	--	90
	07-29-83	1630	200	7.3	14.5	8.1	--	87
21N/30E-03E02	09-08-82	1230	405	8.2	23.0	1.2	--	72
	05-18-83	1430	410	8.3	23.0	.2	--	66
	09-01-83	1145	405	8.2	22.5	4.0	--	72
21N/30E-23J01D1	09-08-82	1000	372	8.6	23.0	--	--	50
	05-18-83	1200	373	8.7	23.5	.4	--	47
	09-01-83	1015	378	8.6	23.0	7.8	--	47
22N/26E-04C02	09-09-82	1850	159	7.6	12.0	9.1	--	63
	05-17-83	0930	220	7.0	12.0	10.2	--	83
	09-01-83	1700	210	7.3	12.0	10.0	--	81
22N/26E-36B01	07-27-82	1720	325	7.6	18.5	3.2	--	130
	05-17-83	1130	361	7.4	17.0	3.4	--	150
	09-02-83	1115	390	7.2	16.5	5.5	--	170

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Grant County, Wash.--Continued					
20N/28E-11R01	08-18-82	0	45	18	19	18	0.6	2.3
20N/28E-32H01	08-13-82	0	20	8.8	37	45	2	8.7
	03-17-83	0	17	8.1	38	49	2	8.8
	07-29-83	0	19	8.7	37	46	2	9.0
20N/29E-01A01	08-12-82	0	19	8.8	39	47	2	9.0
	05-17-83	0	19	8.9	40	48	2	8.3
20N/29E-33R01	07-13-83	--	29	20	29	28	1	5.5
21N/26E-15H01	07-27-82	0	20	9.5	24	35	1	4.7
	03-18-83	--	20	10	25	36	1	4.7
	09-02-83	0	20	9.9	24	35	1	4.5
21N/26E-28A01	03-17-83	36	63	31	25	16	.6	7.4
21N/28E-19F02	07-26-82	0	35	13	26	28	1	5.2
21N/28E-36R01	07-26-82	0	23	7.9	7.8	15	.4	3.4
	03-18-83	5	22	8.5	5.0	10	.2	3.5
	07-29-83	0	22	7.7	8.1	16	.4	3.1
21N/30E-03E02	09-08-82	0	22	4.2	48	55	2	10
	05-18-83	0	20	3.9	53	59	3	10
	09-01-83	0	22.	4.1	51	56	3	12
21N/30E-23J01D1	09-08-82	0	16	2.4	55	65	3	11
	05-18-83	0	15	2.4	57	67	4	11
	09-01-83	0	15	2.4	56	67	4	10
22N/26E-04C02	09-09-82	2	15	6.1	6.1	17	.3	1.7
	05-17-83	11	20	8.1	7.6	16	.4	2.0
	09-01-83	9	20	7.6	7.3	16	.4	1.7
22N/26E-36B01	07-27-82	0	29	14	17	21	.6	5.0
	05-17-83	0	34	16	18	20	.6	5.1
	09-02-83	0	39	17	18	18	.6	5.2

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Grant County, Wash.--Continued					
20N/28E-11R01	08-18-82	210	256	0	19	1.8	0.4	47
20N/28E-32H01	08-13-82	127	155	0	26	12	.6	49
	03-17-83	125	153	0	26	11	.7	47
	07-29-83	130	159	0	26	11	.7	47
20N/29E-01A01	08-12-82	130	159	0	30	12	.6	46
	05-17-83	136	166	0	28	12	.6	46
20N/29E-33R01	07-13-83	--	--	--	61	19	.3	35
21N/26E-15H01	07-27-82	128	156	0	16	4.1	.5	60
	03-18-83	--	--	--	16	4.3	.6	59
	09-02-83	133	162	0	16	4.4	.5	58
21N/26E-28A01	03-17-83	249	304	0	44	29	.3	57
21N/28E-19F02	07-26-82	154	188	0	22	7.6	.3	42
21N/28E-36R01	07-26-82	94	114	0	14	1.8	.2	23
	03-18-83	85	104	0	15	2.2	.2	22
	07-29-83	92	112	0	13	1.7	.2	23
21N/30E-03E02	09-08-82	108	132	0	49	24	.6	60
	05-18-83	119	145	0	48	25	.9	60
	09-01-83	109	133	0	50	23	.7	61
21N/30E-23J01D1	09-08-82	110	124	5	35	20	.9	68
	05-18-83	131	133	13	34	20	1.1	67
	09-01-83	121	131	8	33	18	1.1	69
22N/26E-04C02	09-09-82	61	74	0	<5.0	2.3	.2	48
	05-17-83	72	88	0	10	10	.2	47
	09-01-83	72	88	0	8.7	7.5	.2	48
22N/26E-36B01	07-27-82	148	180	0	15	5.1	.4	58
	05-17-83	176	215	0	16	6.1	.4	58
	09-02-83	171	209	0	18	6.2	.4	61

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Grant County, Wash.--Continued					
20N/28E-11R01	08-18-82	283	1.0	--	<3	11	48	410
20N/28E-32H01	08-13-82	241	.60	--	<3	9	<1	98
	03-17-83	233	.28	20	6	--	1	--
	07-29-83	239	.54	20	3	--	<1	--
20N/29E-01A01	08-12-82	243	<.10	--	7	12	18	86
	05-17-83	244	<.10	20	10	--	11	--
20N/29E-33R01	07-13-83	287	2.1	--	6	--	<1	--
21N/26E-15H01	07-27-82	216	<.10	--	29	22	15	60
	03-18-83	216	<.10	10	24	--	21	--
	09-02-83	217	<.10	10	34	--	14	--
21N/26E-28A01	03-17-83	431	5.6	10	7	--	<1	--
21N/28E-19F02	07-26-82	261	3.9	--	6	13	2	180
21N/28E-36R01	07-26-82	140	.56	--	6	10	2	110
	03-18-83	133	.78	<10	5	--	1	--
	07-29-83	136	.49	<10	4	--	<1	--
21N/30E-03E02	09-08-82	283	.11	--	6	31	5	62
	05-18-83	293	.15	<10	<3	--	3	--
	09-01-83	290	.11	10	14	--	4	--
21N/30E-23J01D1	09-08-82	274	<.10	--	8	32	7	46
	05-18-83	286	<.10	20	7	--	5	--
	09-01-83	277	<.10	20	10	--	5	--
22N/26E-04C02	09-09-82	--	1.5	--	7	<4	2	53
	05-17-83	166	4.0	<10	16	--	1	--
	09-01-83	160	3.5	<10	10	--	1	--
22N/26E-36B01	07-27-82	236	.84	--	8	17	3	110
	05-17-83	264	1.1	20	<3	--	2	--
	09-02-83	278	2.4	10	<3	--	1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Grant County, Wash.--Continued					
22N/27E-22H01	07-26-82	1710	198	8.2	18.5	7.1	--	44
	03-17-83	1500	175	8.1	17.0	7.2	<1	36
	09-02-83	1245	210	8.1	18.0	8.1	--	51
23N/27E-10B01	07-27-82	1350	261	7.9	20.5	.8	--	84
	03-17-83	1240	255	8.0	15.5	.2	<1	85
	08-12-83	1200	268	7.9	17.5	.5	--	86
23N/29E-16E01	07-27-82	1145	275	8.0	19.0	--	--	83
24N/28E-03B01	07-27-82	1300	305	7.8	18.5	4.6	--	98
	03-17-83	0940	258	8.0	17.5	4.0	<1	98
	08-12-83	1000	258	8.0	18.0	3.7	--	95
24N/29E-27P01	07-27-82	1705	700	7.8	13.0	7.2	--	200
	08-11-83	1800	905	7.8	13.0	--	--	290
25N/30E-05L01	07-27-82	1000	595	7.9	--	--	--	210
			Kittitas County, Wash.					
15N/19E-22R01	07-29-82	1625	254	7.8	28.0	.0	--	66
	06-08-83	1145	245	8.0	27.0	.1	--	68
	07-12-83	1345	253	7.9	26.5	1.0	--	67
15N/20E-15R01	07-29-82	1300	352	7.3	12.5	6.6	--	130
	03-31-83	1030	339	7.3	12.0	7.2	--	130
	07-13-83	1130	362	7.4	12.0	6.9	--	130
16N/20E-07Q01	08-31-82	1420	334	7.8	19.0	--	--	140
	07-12-83	1155	350	7.6	17.5	--	--	140
16N/20E-32N01	07-29-82	1420	403	7.4	14.0	7.9	--	190
	06-09-83	0930	390	7.6	13.5	9.2	--	190
	07-13-83	1010	395	7.5	13.5	8.0	--	180
17N/18E-04B01	06-08-82	0840	190	6.8	12.5	--	<1	86

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Grant County, Wash.--Continued					
22N/27E-22H01	07-26-82	0	11	4.0	24	51	2	5.1
	03-17-83	0	8.6	3.5	26	57	2	5.1
	09-02-83	0	13	4.5	24	48	1	4.9
23N/27E-10B01	07-27-82	0	19	8.9	22	35	1	5.1
	03-17-83	--	19	9.1	22	34	1	4.9
	08-12-83	0	19	9.3	22	34	1	5.0
23N/29E-16E01	07-27-82	0	19	8.6	28	40	1	5.4
24N/28E-03B01	07-27-82	0	21	11	20	29	.9	5.1
	03-17-83	0	21	11	19	28	.8	4.9
	08-12-83	0	20	11	19	29	.8	4.9
24N/29E-27P01	07-27-82	66	39	26	55	36	2	9.2
	08-11-83	130	53	38	65	32	2	11
25N/30E-05L01	07-27-82	40	46	23	43	30	1	4.9
			Kittitas County, Wash.					
15N/19E-22R01	07-29-82	0	15	6.9	29	47	2	3.7
	06-08-83	0	15	7.3	29	47	2	3.7
	07-12-83	0	15	7.2	29	47	2	3.7
15N/20E-15R01	07-29-82	0	29	14	23	27	.9	4.2
	03-31-83	0	29	15	23	26	.9	4.3
	07-13-83	0	29	15	23	26	.9	3.9
16N/20E-07Q01	08-31-82	0	23	20	17	20	.6	9.6
	07-12-83	0	23	19	17	20	.6	9.0
16N/20E-32N01	07-29-82	6	33	25	12	12	.4	2.2
	06-09-83	0	32	26	12	12	.4	2.1
	07-13-83	5	31	25	12	12	.4	2.2
17N/18E-04B01	06-08-82	0	21	8.2	5.3	11	.2	2.9

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Grant County, Wash.--Continued					
22N/27E-22H01	07-26-82	80	98	0	18	2.8	0.7	54
	03-17-83	88	107	0	16	2.4	.8	57
	09-02-83	81	99	0	20	3.1	.6	52
23N/27E-10B01	07-27-82	111	135	0	25	3.3	.6	56
	03-17-83	--	--	--	25	3.3	.7	47
	08-12-83	109	133	0	23	3.4	.6	53
23N/29E-16E01	07-27-82	134	163	0	13	4.0	.6	57
24N/28E-03B01	07-27-82	130	158	0	13	3.4	.4	56
	03-17-83	147	179	0	13	3.5	.4	54
	08-12-83	125	152	0	13	3.5	.4	52
24N/29E-27P01	07-27-82	139	169	0	54	65	.5	49
	08-11-83	160	195	0	86	100	.5	46
25N/30E-05L01	07-27-82	170	207	0	80	35	.5	49
			Kittitas County, Wash.					
15N/19E-22R01	07-29-82	130	159	0	<5.0	3.9	.9	72
	06-08-83	136	166	0	.5	4.0	.9	70
	07-12-83	129	157	0	.4	3.9	.9	70
15N/20E-15R01	07-29-82	148	180	0	20	12	.5	49
	03-31-83	151	184	0	21	12	.6	47
	07-13-83	148	181	0	19	14	.6	48
16N/20E-07Q01	08-31-82	162	198	0	26	4.4	.3	60
	07-12-83	157	192	0	23	4.2	.4	54
16N/20E-32N01	07-29-82	180	219	0	11	9.4	.2	54
	06-09-83	188	229	0	10	8.2	.3	54
	07-13-83	176	214	0	11	7.8	.3	52
17N/18E-04B01	06-08-82	92	112	0	<5.0	2.0	.1	39

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Grant County, Wash.--Continued					
22N/27E-22H01	07-26-82	169	0.30	--	<3	16	<1	42
	03-17-83	173	.19	10	14	--	1	--
	09-02-83	172	.36	<10	5	--	<1	--
23N/27E-10B01	07-27-82	207	.16	--	17	15	14	64
	03-17-83	199	<.10	10	370	--	19	--
	08-12-83	201	<.10	10	94	--	13	--
23N/29E-16E01	07-27-82	216	<.10	--	31	20	20	64
24N/28E-03B01	07-27-82	209	.32	--	68	18	5	84
	03-17-83	216	.29	20	6	--	1	--
	08-12-83	200	.27	<10	4	--	<1	--
24N/29E-27P01	07-27-82	434	12	--	7	7	<1	220
	08-11-83	584	20	40	8	--	<1	--
25N/30E-05L01	07-27-82	402	4.1	--	4	13	3	230
			Kittitas County, Wash.					
15N/19E-22R01	07-29-82	--	<.10	--	66	21	25	44
	06-08-83	212	<.10	20	55	--	24	--
	07-12-83	207	<.10	--	68	--	24	--
15N/20E-15R01	07-29-82	242	.36	--	17	<4	3	130
	03-31-83	244	.36	<10	12	--	2	--
	07-13-83	243	.40	--	8	--	2	--
16N/20E-07Q01	08-31-82	258	<.10	--	5	10	<1	93
	07-12-83	244	<.10	--	15	--	2	--
16N/20E-32N01	07-29-82	269	3.2	--	9	<4	2	150
	06-09-83	274	3.7	<10	5	--	3	--
	07-13-83	262	3.6	--	6	--	4	--
17N/18E-04B01	06-08-82	143	1.2	--	36	--	23	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Kittitas County, Wash.--Continued					
17N/18E-11E01	06-07-82	1615	175	8.0	16.0	--	<1	54
17N/19E-05M01	06-08-82	1100	248	6.8	11.5	--	<1	100
17N/19E-11M01	06-08-82	1300	304	7.0	--	--	<1	120
17N/19E-32N01	07-30-82	0915	548	8.0	18.5	--	--	180
	03-30-83	1130	532	7.9	18.5	--	--	180
	07-12-83	1350	555	8.0	19.5	0.3	--	170
17N/20E-05K01	09-01-82	0930	413	7.8	14.0	--	--	180
	07-18-83	1500	435	7.7	14.0	--	--	180
17N/20E-16J01	08-31-82	1815	392	7.3	12.5	1.9	--	150
	03-31-83	1400	410	7.3	12.5	2.3	--	140
	07-11-83	1650	475	7.2	13.5	4.0	--	160
17N/21E-21L01	09-01-82	1715	269	7.6	17.0	9.0	--	120
	03-31-83	1000	280	7.8	7.5	9.0	--	110
	07-11-83	1450	290	7.6	18.0	7.8	--	110
17N/22E-23K01	09-01-82	1150	421	7.2	17.5	7.6	--	170
	03-30-83	1255	650	7.2	13.5	8.6	--	250
	07-11-83	1320	485	7.2	18.5	6.6	--	190
17N/23E-30H01	07-29-82	1520	795	7.3	26.0	--	--	340
	03-30-83	1030	370	7.6	15.0	1.5	--	150
	07-11-83	1120	830	7.5	18.5	5.4	--	360
18N/17E-26P01	08-31-82	0900	172	7.6	14.0	5.1	--	67
	03-30-83	1235	178	7.8	14.0	5.5	--	66
	07-11-83	1440	187	8.0	14.5	5.4	--	67
18N/18E-26F01	06-07-82	1115	282	6.9	12.0	--	<1	120
18N/18E-28C01	06-07-82	1245	249	7.0	11.0	--	<1	96

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Kittitas County, Wash.--Continued					
17N/18E-11E01	06-07-82	0	15	3.9	16	38	1	3.2
17N/19E-05M01	06-08-82	0	22	12	11	18	.5	1.4
17N/19E-11M01	06-08-82	0	27	13	14	20	.6	3.1
17N/19E-32N01	07-30-82	4	40	20	46	34	1	7.4
	03-30-83	0	38	20	49	36	2	7.7
	07-12-83	0	37	19	51	38	2	7.2
17N/20E-05K01	09-01-82	0	39	20	23	21	.7	5.7
	07-18-83	0	39	21	23	21	.7	5.8
17N/20E-16J01	08-31-82	0	31	17	35	33	1	5.4
	03-31-83	0	31	16	34	33	1	5.4
	07-11-83	0	35	18	38	33	1	5.3
17N/21E-21L01	09-01-82	0	20	16	13	19	.5	3.1
	03-31-83	0	19	16	13	19	.5	3.0
	07-11-83	0	19	16	13	19	.5	3.0
17N/22E-23K01	09-01-82	5	40	18	24	22	.8	5.6
	03-30-83	41	59	26	35	23	1	6.0
	07-11-83	12	43	19	26	23	.8	5.5
17N/23E-30H01	07-29-82	77	88	30	31	16	.7	7.3
	03-30-83	0	33	16	18	20	.6	5.3
	07-11-83	87	88	33	33	16	.8	7.0
18N/17E-26P01	08-31-82	0	12	9.0	12	27	.6	2.6
	03-30-83	0	12	8.8	12	27	.6	2.5
	07-11-83	0	12	9.0	12	27	.6	2.5
18N/18E-26F01	06-07-82	0	25	14	8.8	14	.3	2.0
18N/18E-28C01	06-07-82	0	22	10	14	24	.6	2.0

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Kittitas County, Wash.--Continued					
17N/18E-11E01	06-07-82	89	108	0	<5.0	1.7	0.2	45
17N/19E-05M01	06-08-82	132	161	0	<5.0	1.5	.2	51
17N/19E-11M01	06-08-82	135	164	0	9.0	8.1	.3	56
17N/19E-32N01	07-30-82	178	217	0	92	7.3	.7	62
	03-30-83	184	225	0	96	11	.7	61
	07-12-83	180	220	0	93	8.4	.7	62
17N/20E-05K01	09-01-82	199	243	0	17	10	.4	60
	07-18-83	201	245	0	17	12	.4	59
17N/20E-16J01	08-31-82	208	253	0	7.0	3.7	.7	60
	03-31-83	215	262	0	8.0	4.0	.7	57
	07-11-83	222	271	0	11	5.3	.7	60
17N/21E-21L01	09-01-82	131	160	0	7.0	4.0	.4	57
	03-31-83	141	172	0	7.1	4.1	.5	55
	07-11-83	130	159	0	7.4	4.1	.4	57
17N/22E-23K01	09-01-82	169	206	0	26	15	.4	50
	03-30-83	213	260	0	59	37	.4	43
	07-11-83	174	212	0	30	21	.4	49
17N/23E-30H01	07-29-82	266	325	0	84	42	.3	51
	03-30-83	149	182	0	31	12	.4	56
	07-11-83	269	328	0	90	42	.4	51
18N/17E-26P01	08-31-82	92	112	0	<5.0	1.8	.3	53
	03-30-83	94	114	0	2.8	1.8	.3	51
	07-11-83	92	112	0	3.0	1.6	.3	53
18N/18E-26F01	06-07-82	146	178	0	<5.0	2.1	.2	48
18N/18E-28C01	06-07-82	122	149	0	<5.0	3.8	.1	31

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Kittitas County, Wash.--Continued					
17N/18E-11E01	06-07-82	144	0.24	--	7	--	<1	--
17N/19E-05M01	06-08-82	183	.43	--	9	--	<1	--
17N/19E-11M01	06-08-82	223	2.6	--	19	--	1	--
17N/19E-32N01	07-30-82	382	<.10	--	90	30	13	130
	03-30-83	394	<.10	20	65	--	11	--
	07-12-83	387	<.10	--	36	--	9	--
17N/20E-05K01	09-01-82	300	1.3	--	9	18	1	130
	07-18-83	304	1.4	--	6	--	<1	--
17N/20E-16J01	08-31-82	287	.61	--	<3	16	1	120
	03-31-83	289	.84	10	<3	--	<1	--
	07-11-83	322	3.4	--	10	--	1	--
17N/21E-21L01	09-01-82	206	1.6	--	4	15	<1	57
	03-31-83	209	1.5	<10	12	--	2	--
	07-11-83	205	1.6	--	8	--	<1	--
17N/22E-23K01	09-01-82	297	3.7	--	4	14	2	140
	03-30-83	414	4.6	30	7	--	3	--
	07-11-83	316	4.1	--	6	--	<1	--
17N/23E-30H01	07-29-82	517	5.2	--	6	21	4	340
	03-30-83	266	1.1	10	<3	--	2	--
	07-11-83	531	5.6	--	67	--	6	--
18N/17E-26P01	08-31-82	--	.73	--	<3	10	<1	44
	03-30-83	151	.75	<10	<3	--	2	--
	07-11-83	152	.80	--	10	--	<1	--
18N/18E-26F01	06-07-82	196	.79	--	55	--	6	--
18N/18E-28C01	06-07-82	167	1.4	--	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Kittitas County, Wash.--Continued					
18N/20E-06B01	07-30-82	0900	178	7.5	15.5	7.8	--	76
	03-31-83	1215	179	7.5	15.5	8.0	--	76
	07-12-83	1110	190	7.4	16.0	6.4	--	77
18N/20E-27A01	07-30-82	1110	175	8.3	21.5	--	--	52
	06-08-83	1100	173	8.2	21.0	--	--	50
	07-12-83	0855	173	8.4	21.0	--	--	53
19N/16E-23Q01D1	09-04-82	1945	229	7.4	16.5	--	--	100
	03-30-83	1515	242	7.5	14.0	3.2	--	110
	07-11-83	1105	246	7.6	15.0	3.2	--	110
19N/16E-25B01	08-30-82	1230	194	8.1	14.5	.1	--	85
	05-20-83	1820	200	7.8	14.5	--	--	90
	07-11-83	1220	208	7.6	14.5	--	--	85
19N/16E-25C02	04-01-83	1415	154	7.3	12.5	7.3	--	54
	07-26-83	1030	159	7.5	12.5	--	--	51
19N/17E-27N01	08-30-82	1700	362	7.6	15.0	--	--	160
	03-30-83	1720	370	7.4	15.0	7.4	--	160
	07-12-83	0930	381	7.7	15.0	4.4	--	160
19N/18E-21A01	07-30-82	1400	215	7.4	17.5	--	--	90
	07-18-83	1200	210	7.6	18.5	--	--	90
20N/13E-11C01	06-07-82	1000	71	6.5	7.0	--	<1	30
20N/14E-10A03	06-07-82	1345	118	7.8	9.0	--	<1	59
20N/14E-27J02	06-07-82	1630	188	8.1	9.0	--	<1	90
20N/15E-34N01	06-07-82	1540	350	6.7	10.0	--	<1	140

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Kittitas County, Wash.--Continued					
18N/20E-06B01	07-30-82	0	15	9.3	6.8	16	0.3	3.0
	03-31-83	0	15	9.4	6.9	16	.3	3.0
	07-12-83	0	15	9.7	7.0	16	.3	3.0
18N/20E-27A01	07-30-82	0	15	3.5	15	37	.9	3.5
	06-08-83	0	14	3.6	15	38	.9	3.5
	07-12-83	0	15	3.7	15	36	.9	3.4
19N/16E-23Q01D1	09-04-82	0	18	14	7.7	13	.3	3.8
	03-30-83	0	20	15	8.1	13	.3	3.4
	07-11-83	0	19	14	8.0	14	.3	3.7
19N/16E-25B01	08-30-82	0	16	11	11	22	.5	1.5
	05-20-83	0	18	11	11	21	.5	1.7
	07-11-83	0	16	11	11	22	.5	1.6
19N/16E-25C02	04-01-83	0	10	7.0	11	30	.7	2.6
	07-26-83	0	9.5	6.6	11	31	.7	2.6
19N/17E-27N01	08-30-82	0	31	20	20	21	.7	3.4
	03-30-83	0	31	19	20	21	.7	3.2
	07-12-83	0	32	20	19	20	.6	3.2
19N/18E-21A01	07-30-82	0	18	11	10	19	.5	2.4
	07-18-83	0	18	11	10	19	.5	3.1
20N/13E-11C01	06-07-82	0	8.7	2.1	2.2	13	.2	.40
20N/14E-10A03	06-07-82	1	10	8.2	1.6	6	.1	.40
20N/14E-27J02	06-07-82	0	26	6.2	3.9	8	.2	.80
20N/15E-34N01	06-07-82	55	23	21	8.6	11	.3	1.1

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Kittitas County, Wash.--Continued				
18N/20E-06B01	07-30-82	94	114	0	<5.0	0.8	0.2	52
	03-31-83	93	113	0	2.5	1.1	.2	50
	07-12-83	90	110	0	2.3	1.2	.2	49
18N/20E-27A01	07-30-82	93	114	0	<5.0	.9	.2	53
	06-08-83	82	100	0	4.9	1.0	.2	51
	07-12-83	85	104	2	4.8	1.0	.2	52
19N/16E-23Q01D1	09-04-82	130	158	0	<5.0	1.6	.1	66
	03-30-83	130	158	0	3.0	1.6	.1	60
	07-11-83	127	155	0	2.9	1.6	<.1	61
19N/16E-25B01	08-30-82	107	131	0	7.0	3.2	.2	54
	05-20-83	107	130	0	10	2.0	.3	53
	07-11-83	107	130	0	6.1	1.7	.2	53
19N/16E-25C02	04-01-83	82	100	0	5.7	1.4	.4	57
	07-26-83	82	100	0	<0.2	1.6	.5	81
19N/17E-27N01	08-30-82	193	235	0	<5.0	4.7	.3	50
	03-30-83	193	235	0	4.4	4.2	.3	50
	07-12-83	193	235	0	4.5	4.1	.3	48
19N/18E-21A01	07-30-82	111	135	0	<5.0	2.2	.2	66
	07-18-83	111	135	0	3.3	3.1	.3	62
20N/13E-11C01	06-07-82	32	39	0	<5.0	1.5	<.1	9.8
20N/14E-10A03	06-07-82	57	70	0	<5.0	.7	.1	22
20N/14E-27J02	06-07-82	94	114	0	<5.0	1.2	.1	12
20N/15E-34N01	06-07-82	89	108	0	13	8.2	.1	29

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Kittitas County, Wash.--Continued					
18N/20E-06B01	07-30-82	--	0.60	--	5	10	3	43
	03-31-83	146	.44	<10	4	--	1	--
	07-12-83	143	.44	--	8	--	2	--
18N/20E-27A01	07-30-82	--	<.10	--	13	6	5	39
	06-08-83	142	<.10	<10	18	--	3	--
	07-12-83	148	<.10	--	12	--	1	--
19N/16E-23Q01D1	09-04-82	--	<.10	--	14	8	3	110
	03-30-83	189	.10	<10	10	--	2	--
	07-11-83	186	<.10	--	20	--	3	--
19N/16E-25B01	08-30-82	169	<.10	--	290	17	39	90
	05-20-83	171	<.10	<10	300	--	40	--
	07-11-83	165	<.10	--	98	--	34	--
19N/16E-25C02	04-01-83	147	.69	<10	4	--	11	--
	07-26-83	--	.83	<10	39	--	1	--
19N/17E-27N01	08-30-82	--	1.6	--	<3	20	4	180
	03-30-83	254	1.5	20	4	--	2	--
	07-12-83	254	1.6	--	8	--	13	--
19N/18E-21A01	07-30-82	--	.51	--	7	12	10	66
	07-18-83	179	.51	--	7	--	2	--
20N/13E-11C01	06-07-82	51	<.10	--	<3	--	<1	--
20N/14E-10A03	06-07-82	85	.13	--	<3	--	<1	--
20N/14E-27J02	06-07-82	112	<.10	--	60	--	11	--
20N/15E-34N01	06-07-82	228	16	--	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Klickitat County, Wash.					
02N/12E-03G01	03-04-83	1000	270	7.8	18.0	0.2	--	93
02N/12E-03H01	08-24-82	0945	355	7.3	15.0	4.7	--	160
02N/15E-18A01D1	08-24-82	1200	295	7.4	18.5	1.3	--	97
	03-03-83	1130	375	7.8	15.5	7.5	--	160
03N/11E-05N03	07-14-82	0800	375	7.5	12.5	--	<1	190
03N/11E-30H01	08-23-82	1330	215	8.8	16.5	--	--	15
	03-04-83	1320	212	8.8	15.5	--	--	20
03N/12E-16Q01	07-14-82	1915	253	7.3	15.5	--	<1	120
03N/13E-31L01	08-24-82	1600	290	7.0	15.5	4.7	--	120
	03-03-83	1430	280	6.8	15.0	4.6	--	130
03N/15E-11N01	07-14-82	1530	220	7.6	13.0	--	<1	81
03N/15E-28P01	08-24-82	1420	205	7.6	15.0	6.8	--	73
03N/16E-09C01	08-24-82	1800	183	7.7	15.0	--	--	71
	03-04-83	0800	168	7.4	11.5	7.9	--	69
03N/17E-20H01	08-24-82	1500	322	8.2	18.5	--	--	130
	03-03-83	0930	325	7.7	18.0	--	--	130
03N/21E-09N01D1	04-19-84	1500	340	7.6	15.0	--	--	110
04N/11E-23P01	08-24-82	1130	211	7.2	13.0	--	--	93
	03-04-83	1200	210	6.7	9.5	5.0	--	100
04N/12E-22P01	08-24-82	1535	205	7.6	14.0	--	--	90
	03-03-83	1615	105	6.6	10.0	1.0	--	30
04N/13E-22Q01	08-23-82	1700	220	7.6	11.0	.7	--	95
	03-03-83	1410	187	7.7	9.5	1.6	--	87
04N/14E-01B01D2	08-24-82	1110	477	6.8	17.0	.4	--	190

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Klickitat County, Wash.--Continued					
02N/12E-03G01	03-04-83	0	21	9.9	22	33	1	3.0
02N/12E-03H01	08-24-82	38	39	14	12	14	.4	3.3
02N/15E-18A01D1	08-24-82	0	19	12	20	30	.9	4.9
	03-03-83	0	28	23	19	19	.6	6.0
03N/11E-05N03	07-14-82	0	33	25	9.8	10	.3	4.6
03N/11E-30H01	08-23-82	0	4.8	.8	40	81	4	4.2
	03-04-83	0	6.0	1.2	39	77	4	4.6
03N/12E-16Q01	07-14-82	0	23	15	7.1	11	.3	3.1
03N/13E-31L01	08-24-82	0	27	12	9.4	15	.4	2.4
	03-03-83	0	29	14	10	14	.4	2.4
03N/15E-11N01	07-14-82	1	19	8.1	13	26	.6	1.1
03N/15E-28P01	08-24-82	0	16	8.1	13	27	.7	2.1
03N/16E-09C01	08-24-82	0	13	9.4	9.2	21	.5	2.4
	03-04-83	0	13	8.8	9.1	22	.5	1.9
03N/17E-20H01	08-24-82	3	30	13	15	20	.6	3.7
	03-03-83	3	30	13	15	20	.6	3.6
03N/21E-09N01D1	04-19-84	--	24	12	39	42	2	6.5
04N/11E-23P01	08-24-82	0	21	9.9	6.8	13	.3	2.4
	03-04-83	0	23	11	7.1	13	.3	2.4
04N/12E-22P01	08-24-82	0	18	11	4.6	10	.2	2.2
	03-03-83	0	7.2	3.0	2.4	14	.2	1.1
04N/13E-22Q01	08-23-82	0	20	11	9.0	17	.4	2.3
	03-03-83	0	19	9.6	7.0	14	.3	2.3
04N/14E-01B01D2	08-24-82	0	30	28	31	26	1	4.2

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Klickitat County, Wash.--Continued					
02N/12E-03G01	03-04-83	138	168	0	0.6	3.5	0.5	62
02N/12E-03H01	08-24-82	117	143	0	22	10	.2	42
02N/15E-18A01D1	08-24-82	134	164	0	11	6.4	.4	38
	03-03-83	183	223	0	14	9.6	.5	30
03N/11E-05N03	07-14-82	208	253	0	<5.0	2.6	.2	56
03N/11E-30H01	08-23-82	94	104	5	<5.0	13	.2	54
	03-04-83	90	90	10	4.3	13	.3	54
03N/12E-16Q01	07-14-82	135	164	0	5.0	1.7	<.1	58
03N/13E-31L01	08-24-82	145	177	0	<5.0	4.8	.3	62
	03-03-83	144	176	0	4.1	4.8	.3	66
03N/15E-11N01	07-14-82	80	97	0	<5.0	6.9	.4	60
03N/15E-28P01	08-24-82	104	127	0	<5.0	4.8	.5	61
03N/16E-09C01	08-24-82	87	106	0	<5.0	2.5	.3	50
	03-04-83	87	106	0	1.9	2.2	.3	51
03N/17E-20H01	08-24-82	125	153	0	35	4.9	.4	49
	03-03-83	125	153	0	34	4.9	.4	49
03N/21E-09N01D1	04-19-84	--	--	--	15	12	.7	48
04N/11E-23P01	08-24-82	118	144	0	<5.0	1.8	<.1	65
	03-04-83	117	143	0	.7	1.7	.2	68
04N/12E-22P01	08-24-82	121	147	0	<5.0	2.0	.1	39
	03-03-83	45	55	0	9.3	1.2	<.1	18
04N/13E-22Q01	08-23-82	111	135	0	<5.0	1.4	.2	48
	03-03-83	101	123	0	2.5	1.4	.2	41
04N/14E-01B01D2	08-24-82	258	315	0	<5.0	6.7	.5	93

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Klickitat County, Wash.--Continued					
02N/12E-03G01	03-04-83	205	<0.10	30	4	--	14	--
02N/12E-03H01	08-24-82	244	7.0	--	<3	14	2	89
02N/15E-18A01D1	08-24-82	193	.10	--	<3	20	3	62
	03-03-83	247	1.6	10	<3	--	<1	--
03N/11E-05N03	07-14-82	264	.23	--	17	--	3	--
03N/11E-30H01	08-23-82	--	<.10	--	<3	16	2	5
	03-04-83	177	<.10	70	<3	--	2	--
03N/12E-16Q01	07-14-82	197	.76	--	17	--	3	--
03N/13E-31L01	08-24-82	--	.10	--	<3	11	2	94
	03-03-83	218	.10	<10	11	--	3	--
03N/15E-11N01	07-14-82	183	4.7	--	5	--	<1	--
03N/15E-28P01	08-24-82	--	.74	--	<3	10	1	52
03N/16E-09C01	08-24-82	--	.75	--	<3	12	1	58
	03-04-83	145	1.1	<10	<3	--	<1	--
03N/17E-20H01	08-24-82	226	<.10	--	16	20	7	43
	03-03-83	225	<.10	10	16	--	10	--
03N/21E-09N01D1	04-19-84	259	--	--	69	9	14	110
04N/11E-23P01	08-24-82	--	.52	--	<3	9	2	120
	03-04-83	187	.52	<10	<3	--	<1	--
04N/12E-22P01	08-24-82	--	<.10	--	30	9	160	110
	03-03-83	72	.69	<20	13	--	38	--
04N/13E-22Q01	08-23-82	--	.14	--	4	17	8	66
	03-03-83	144	.19	<10	39	--	4	--
04N/14E-01B01D2	08-24-82	--	<.10	--	1,100	56	38	58

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Klickitat County, Wash.--Continued					
04N/15E-05A02	08-24-82	1615	274	8.1	15.0	0.8	--	97
	03-03-83	1100	258	8.4	11.5	.7	--	90
04N/15E-15G01	07-14-82	1700	990	7.5	17.0	--	<1	450
04N/16E-11D03D1	08-25-82	1200	1,010	7.3	21.5	1.8	--	360
04N/16E-17H03	08-24-82	1130	409	7.9	16.0	--	--	180
04N/16E-32A01	07-13-82	1700	152	7.6	14.5	--	<1	62
04N/18E-17D01	08-25-82	1910	170	7.9	13.5	7.4	--	68
	03-02-83	1355	164	7.7	13.0	7.7	--	69
05N/13E-01H01	08-23-82	1310	146	7.2	13.5	8.2	--	58
	03-04-83	1045	114	7.2	12.0	8.1	--	53
05N/13E-26R01	08-23-82	1115	303	6.9	13.0	3.7	--	140
	03-04-83	0840	273	6.9	10.0	4.0	--	130
05N/15E-15A01	08-24-82	1445	114	6.7	13.0	8.8	--	47
	03-03-83	1635	102	6.9	11.0	9.9	--	44
05N/16E-27M02	08-25-82	0850	143	7.9	15.5	8.5	--	66
05N/18E-29F01	08-25-82	1500	290	7.1	16.0	.3	--	130
	03-02-83	1430	270	7.5	14.0	3.4	--	130
05N/20E-28B01	04-01-82	1055	208	7.9	13.0	--	<1	82
05N/22E-27P02D1	08-25-82	1225	370	8.1	24.5	--	--	49
	07-19-83	1000	369	8.2	24.0	.1	--	50
05N/23E-13R02D1	03-31-82	1010	335	8.7	25.0	--	<1	7
05N/23E-30D01	03-29-82	1150	325	8.1	23.5	--	<1	68
	08-25-82	1600	351	8.0	24.0	.1	--	68
	03-02-83	1400	345	8.0	22.5	.1	--	69
	07-19-83	1230	353	8.0	24.0	.1	--	72

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Klickitat County, Wash.--Continued					
04N/15E-05A02	08-24-82	0	14	15	20	30	0.9	4.9
	03-03-83	0	13	14	20	31	.9	4.8
04N/15E-15G01	07-14-82	0	50	79	48	18	1	8.1
04N/16E-11D03D1	08-25-82	0	23	73	61	26	1	9.4
04N/16E-17H03	08-24-82	13	38	20	14	14	.5	3.7
04N/16E-32A01	07-13-82	3	16	5.4	9.8	25	.5	1.9
04N/18E-17D01	08-25-82	0	14	8.0	6.8	17	.4	2.8
	03-02-83	0	14	8.2	6.8	17	.4	2.7
05N/13E-01H01	08-23-82	0	12	6.7	4.2	13	.2	1.6
	03-04-83	0	11	6.1	4.0	14	.2	1.5
05N/13E-26R01	08-23-82	0	30	15	7.7	11	.3	2.5
	03-04-83	0	29	15	7.6	11	.3	2.2
05N/15E-15A01	08-24-82	0	9.9	5.3	4.7	18	.3	1.1
	03-03-83	0	9.3	5.1	4.5	18	.3	.9
05N/16E-27M02	08-25-82	0	13	8.1	6.3	17	.3	1.8
05N/18E-29F01	08-25-82	0	25	17	7.9	11	.3	3.4
	03-02-83	0	26	17	7.7	11	.3	3.1
05N/20E-28B01	04-01-82	0	19	8.4	15	27	.7	3.3
05N/22E-27P02D1	08-25-82	0	13	3.9	56	64	3	15
	07-19-83	0	13	4.2	56	63	3	17
05N/23E-13R02D1	03-31-82	0	2.3	.31	74	87	12	13
05N/23E-30D01	03-29-82	0	15	7.5	45	53	2	14
	08-25-82	0	15	7.3	44	53	2	13
	03-02-83	0	15	7.7	45	53	2	13
	07-19-83	0	16	7.9	45	52	2	14

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Klickitat County, Wash.--Continued					
04N/15E-05A02	08-24-82	147	179	0	<5.0	1.7	0.1	41
	03-03-83	130	159	6	.5	1.7	.1	36
04N/15E-15G01	07-14-82	530	646	0	<5.0	3.8	.4	79
04N/16E-11D03D1	08-25-82	594	724	0	<5.0	4.2	.4	93
04N/16E-17H03	08-24-82	165	201	0	8.0	29	.2	58
04N/16E-32A01	07-13-82	59	72	0	<5.0	3.7	.4	56
04N/18E-17D01	08-25-82	80	98	0	<5.0	1.9	.3	51
	03-02-83	82	100	0	4.7	1.8	.3	51
05N/13E-01H01	08-23-82	72	88	0	<5.0	1.0	<.1	44
	03-04-83	62	76	0	2.2	.90	.1	43
05N/13E-26R01	08-23-82	160	195	0	<5.0	1.7	<.1	53
	03-04-83	149	182	0	.9	1.6	<.1	53
05N/15E-15A01	08-24-82	59	72	0	<5.0	1.0	<.1	36
	03-03-83	55	67	0	.5	.70	<.1	34
05N/16E-27M02	08-25-82	81	99	0	<5.0	1.9	<.1	40
05N/18E-29F01	08-25-82	148	180	0	7.0	1.7	.2	45
	03-02-83	146	178	0	5.0	1.6	.3	38
05N/20E-28B01	04-01-82	108	132	0	5.0	3.3	<.1	48
05N/22E-27P02D1	08-25-82	173	211	0	17	6.4	.7	59
	07-19-83	176	214	0	18	6.0	.7	58
05N/23E-13R02D1	03-31-82	176	195	10	<5.0	8.4	1.1	62
05N/23E-30D01	03-29-82	169	206	0	9.0	6.5	.5	60
	08-25-82	173	211	0	8.0	6.9	.6	58
	03-02-83	174	212	0	7.5	6.9	.7	58
	07-19-83	177	216	0	7.0	6.7	.6	58

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Klickitat County, Wash.--Continued					
04N/15E-05A02	08-24-82	--	<0.10	--	24	14	37	90
	03-03-83	174	<.10	50	33	--	35	--
04N/15E-15G01	07-14-82	620	<.10	--	240	--	55	--
04N/16E-11D03D1	08-25-82	--	<.10	--	150	120	37	200
04N/16E-17H03	08-24-82	277	1.7	--	<3	25	<1	150
04N/16E-32A01	07-13-82	148	3.0	--	28	--	10	--
04N/18E-17D01	08-25-82	--	.91	--	6	13	<1	64
	03-02-83	143	.96	<10	<3	--	<1	--
05N/13E-01H01	08-23-82	--	<.10	--	51	7	2	55
	03-04-83	106	<.10	<10	120	--	17	--
05N/13E-26R01	08-23-82	--	.22	--	7	7	47	150
	03-04-83	200	.31	<10	7	--	15	--
05N/15E-15A01	08-24-82	--	.23	--	19	6	2	110
	03-03-83	89	.20	<10	14	--	<1	--
05N/16E-27M02	08-25-82	--	.12	--	5	9	<1	110
05N/18E-29F01	08-25-82	196	<.10	--	7	22	6	91
	03-02-83	186	<.10	<10	6	--	5	--
05N/20E-28B01	04-01-82	167	<.10	--	110	--	85	--
05N/22E-27P02D1	08-25-82	275	<.10	--	24	27	23	57
	07-19-83	278	<.10	--	27	--	18	--
05N/23E-13R02D1	03-31-82	274	<.10	--	9	--	5	--
05N/23E-30D01	03-29-82	259	<.10	--	41	--	60	--
	08-25-82	259	.52	--	36	19	60	67
	03-02-83	258	<.10	20	86	--	60	--
	07-19-83	262	<.10	--	43	--	62	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Klickitat County, Wash.--Continued					
06N/11E-31R01	08-23-82	1505	85	6.7	12.0	7.2	--	24
06N/12E-35Q01	08-24-82	0845	263	6.9	11.0	.6	--	110
	03-04-83	1220	318	6.7	9.5	--	--	140
06N/20E-22G01	09-04-82	1100	196	7.5	12.5	7.9	--	76
	03-02-83	1730	208	7.6	11.0	7.6	--	84
06N/20E-30P01	04-01-82	0930	170	7.1	11.5	--	<1	70
	04-20-84	1000	163	7.2	11.5	--	--	66
06N/23E-24B01	03-29-82	1435	333	8.3	20.5	--	<1	25
	08-25-82	1355	358	8.3	21.0	.2	--	24
	03-07-83	1530	358	8.2	19.5	.2	--	25
	07-19-83	1500	343	8.4	24.5	.1	--	25
	04-19-84	1100	311	8.4	19.0	--	--	24
			Lincoln County, Wash.					
21N/32E-12H01D1	07-22-82	1815	380	7.9	14.0	3.8	--	150
	05-27-83	1300	455	7.8	14.0	3.8	--	180
	08-04-83	1530	535	7.9	13.5	4.8	--	220
21N/32E-31C01	06-03-83	1440	430	8.1	20.0	.6	--	110
	09-07-83	1530	412	8.2	20.0	7.4	--	110
21N/33E-08K01	07-26-82	0810	410	8.2	16.0	.4	--	100
	05-26-83	1445	410	8.2	16.0	.1	<1	100
	08-05-83	0900	404	8.1	15.5	.1	--	110
21N/33E-24B01	07-23-82	0800	--	7.3	13.5	7.2	--	640
	05-26-83	1300	1,750	7.3	13.5	6.9	--	610
	08-04-83	1200	1,970	7.1	14.0	--	--	760
21N/34E-14M01	06-03-83	1830	860	7.2	14.0	4.6	--	360

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Klickitat County, Wash.--Continued					
06N/11E-31R01	08-23-82	0	5.0	2.9	4.5	27	0.4	2.1
06N/12E-35Q01	08-24-82	6	24	13	9.9	16	.4	3.1
	03-04-83	31	31	16	8.1	11	.3	3.0
06N/20E-22G01	09-04-82	0	18	7.6	12	25	.6	2.3
	03-02-83	0	20	8.2	12	23	.6	2.4
06N/20E-30P01	04-01-82	0	16	7.2	7.6	19	.4	2.2
	04-20-84	--	15	6.9	7.7	20	.4	2.2
06N/23E-24B01	03-29-82	0	6.2	2.2	64	76	6	15
	08-25-82	0	6.1	2.2	63	76	6	14
	03-07-83	0	6.3	2.3	65	77	6	14
	07-19-83	0	6.4	2.3	64	76	6	14
	04-19-84	--	5.8	2.2	62	77	6	14
			Lincoln County, Wash.					
21N/32E-12H01D1	07-22-82	0	36	14	22	24	.8	4.9
	05-27-83	0	44	18	23	21	.7	5.1
	08-04-83	15	52	22	24	19	.7	5.8
21N/32E-31C01	06-03-83	0	25	11	44	44	2	9.7
	09-07-83	0	24	11	45	45	2	10
21N/33E-08K01	07-26-82	0	24	10	48	49	2	6.3
	05-26-83	0	24	10	48	49	2	5.9
	08-05-83	0	24	11	49	49	2	5.4
21N/33E-24B01	07-23-82	430	150	64	110	27	2	6.7
	05-26-83	390	140	64	110	28	2	7.1
	08-04-83	530	180	75	120	25	2	7.2
21N/34E-14M01	06-03-83	210	84	36	33	16	.8	9.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Klickitat County, Wash.--Continued					
06N/11E-31R01	08-23-82	35	43	0	<5.0	1.0	<0.1	38
06N/12E-35Q01	08-24-82	107	131	0	36	2.1	.2	63
	03-04-83	112	137	0	76	1.4	.2	60
06N/20E-22G01	09-04-82	101	123	0	<5.0	2.5	.4	63
	03-02-83	102	125	0	3.7	3.3	.4	57
06N/20E-30P01	04-01-82	80	97	0	5.0	1.2	.2	61
	04-20-84	--	--	--	3.4	1.2	.4	61
06N/23E-24B01	03-29-82	172	210	0	<5.0	8.7	.8	57
	08-25-82	175	214	0	<5.0	8.8	1.0	54
	03-07-83	194	237	0	.4	8.9	1.0	57
	07-19-83	170	208	0	.3	8.6	1.0	55
	04-19-84	--	--	--	.7	8.9	1.1	54
			Lincoln County, Wash.					
21N/32E-12H01D1	07-22-82	167	204	0	19	12	.3	40
	05-27-83	192	234	0	26	15	.3	40
	08-04-83	206	251	0	35	21	.3	39
21N/32E-31C01	06-03-83	128	156	0	63	14	.6	47
	09-07-83	127	155	0	56	15	.5	47
21N/33E-08K01	07-26-82	178	217	0	20	10	.9	44
	05-26-83	185	225	0	21	10	1.0	44
	08-05-83	180	220	0	20	11	.9	44
21N/33E-24B01	07-23-82	208	254	0	250	250	.3	39
	05-26-83	221	270	0	240	260	.3	38
	08-04-83	232	283	0	290	300	.3	37
21N/34E-14M01	06-03-83	144	176	0	250	18	.3	41

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Klickitat County, Wash.--Continued					
06N/11E-31R01	08-23-82	--	0.28	--	5	<4	6	27
06N/12E-35Q01	08-24-82	216	<.10	--	180	16	160	72
	03-04-83	274	<.10	<10	10,000	--	490	--
06N/20E-22G01	09-04-82	--	.80	--	<3	6	2	100
	03-02-83	174	1.3	<10	<3	--	3	--
06N/20E-30P01	04-01-82	161	2.9	--	9	--	<3	--
	04-20-84	140	--	--	<3	5	<1	55
06N/23E-24B01	03-29-82	204	<.10	--	72	--	12	--
	08-25-82	--	<.10	--	100	31	24	40
	03-07-83	273	.28	30	100	--	15	--
	07-19-83	273	.28	30	100	--	15	--
	04-19-84	249	--	--	81	23	12	36
			Lincoln County, Wash.					
21N/32E-12H01D1	07-22-82	254	1.3	--	3	21	<1	130
	05-27-83	296	2.1	10	13	--	<1	--
	08-04-83	338	3.6	<10	6	--	<1	--
21N/32E-31C01	06-03-83	291	<.10	<10	<3	--	<1	--
	09-07-83	285	.17	<10	<3	--	3	--
21N/33E-08K01	07-26-82	270	<.10	--	66	34	24	65
	05-26-83	275	<.10	10	71	--	23	--
	08-05-83	274	<.10	10	60	--	24	--
21N/33E-24B01	07-23-82	1090	21	--	10	27	2	650
	05-26-83	1080	19	30	19	--	<1	--
	08-04-83	1250	24	30	11	--	3	--
21N/34E-14M01	06-03-83	593	7.8	20	5	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Lincoln County, Wash.--Continued					
21N/34E-21K01	07-23-82	1030	520	8.0	20.0	0.7	--	190
	05-27-83	1015	465	8.0	20.0	.2	--	170
	08-04-83	1045	513	7.8	21.0	.3	--	200
21N/34E-35A01	07-23-82	0915	405	8.0	15.0	--	--	150
	05-26-83	1100	398	8.0	15.5	--	<1	140
	08-04-83	0915	396	7.8	15.0	--	--	130
21N/36E-27P02	07-22-82	1150	326	8.1	15.0	.2	--	110
	05-31-83	1500	372	7.9	14.5	.4	<1	110
	08-10-83	1030	362	8.0	14.5	.1	--	110
21N/38E-14E01	09-08-83	1000	425	7.9	14.5	9.0	--	180
21N/38E-14J01	07-21-82	1440	372	8.2	16.0	.7	--	130
	06-02-83	1050	391	7.9	15.0	.8	<1	140
	08-02-83	0830	351	8.2	15.5	1.5	--	130
21N/38E-23L01	07-21-82	1210	248	8.4	21.5	.1	--	52
	06-20-83	1200	250	8.1	21.0	.2	--	50
	08-02-83	1030	249	8.4	21.0	.1	--	51
22N/31E-21F01	07-26-82	1015	560	7.5	14.5	--	--	200
	05-31-83	1700	550	7.7	15.0	--	--	200
	08-05-83	0910	510	7.9	14.0	--	--	190
22N/32E-30D01	06-03-83	1645	310	8.2	19.0	.6	--	89
	08-08-83	1345	320	--	18.5	.2	--	90
22N/33E-02K01	07-25-82	1850	453	7.9	13.0	9.9	--	170
	06-02-83	0830	465	7.7	13.0	8.0	<1	180
	09-08-83	1330	482	7.6	13.0	8.6	--	190
22N/33E-17N01	06-03-83	1300	325	8.1	22.0	--	--	43
	08-05-83	1230	324	8.5	21.5	.1	--	42
22N/34E-18M01	07-23-82	1340	380	7.0	12.5	3.9	--	140
	06-01-83	1000	371	7.2	13.0	5.7	<1	130
	08-05-83	1045	429	7.2	12.0	4.9	--	160

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Lincoln County, Wash.--Continued					
21N/34E-21K01	07-23-82	0	47	18	38	29	1	5.8
	05-27-83	0	40	16	39	33	1	5.7
	08-04-83	0	48	19	38	29	1	6.0
21N/34E-35A01	07-23-82	0	27	19	27	28	1	3.5
	05-26-83	0	25	18	29	31	1	3.6
	08-04-83	0	24	17	27	30	1	3.5
21N/36E-27P02	07-22-82	0	23	13	29	35	1	3.9
	05-31-83	0	22	14	29	35	1	3.7
	08-10-83	0	22	14	29	35	1	3.7
21N/38E-14E01	09-08-83	5	39	20	20	19	.6	4.9
21N/38E-14J01	07-21-82	7	26	16	21	25	.8	5.9
	06-02-83	9	27	17	21	24	.8	5.8
	08-02-83	0	25	16	21	25	.8	5.4
21N/38E-23L01	07-21-82	0	15	3.6	34	56	2	5.0
	06-20-83	0	14	3.7	33	56	2	4.9
	08-02-83	0	14	3.8	35	57	2	5.2
22N/31E-21F01	07-26-82	0	49	20	37	27	1	7.4
	05-31-83	0	47	20	37	28	1	7.1
	08-05-83	0	46	19	36	28	1	7.7
22N/32E-30D01	06-03-83	0	21	8.8	33	43	2	5.6
	08-08-83	--	21	9.1	34	43	2	5.3
22N/33E-02K01	07-25-82	39	43	15	22	22	.7	3.8
	06-02-83	38	45	17	23	21	.7	3.5
	09-08-83	57	47	17	23	21	.7	3.7
22N/33E-17N01	06-03-83	0	11	3.7	54	70	4	6.4
	08-05-83	0	11	3.6	54	70	4	6.6
22N/34E-18M01	07-23-82	41	28	16	24	27	.9	4.0
	06-01-83	25	26	16	23	27	.9	3.9
	08-05-83	52	31	20	26	26	.9	4.3

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Lincoln County, Wash.--Continued					
21N/34E-21K01	07-23-82	219	267	0	29	18	0.5	47
	05-27-83	234	285	0	17	7.9	.6	46
	08-04-83	219	267	0	28	21	.5	45
21N/34E-35A01	07-23-82	156	190	0	17	19	.4	50
	05-26-83	162	197	0	18	13	.5	49
	08-04-83	150	183	0	13	13	.5	48
21N/36E-27P02	07-22-82	139	169	0	22	9.0	.7	46
	05-31-83	139	170	0	24	11	.8	45
	08-10-83	137	167	0	22	10	.8	44
21N/38E-14E01	09-08-83	175	213	0	24	12	.4	46
21N/38E-14J01	07-21-82	134	151	0	16	32	.4	42
	06-02-83	128	156	0	15	38	.4	41
	08-02-83	129	157	0	12	29	.4	41
21N/38E-23L01	07-21-82	123	140	5	<5.0	3.0	.9	63
	06-20-83	128	156	0	3.0	3.0	.9	58
	08-02-83	129	153	2	<5.0	3.1	1.1	62
22N/31E-21F01	07-26-82	247	301	0	25	11	.5	49
	05-31-83	253	308	0	24	12	.5	47
	08-05-83	251	306	0	21	14	.5	44
22N/32E-30D01	06-03-83	144	176	0	16	6.8	.7	48
	08-08-83	--	--	--	15	6.4	.6	48
22N/33E-02K01	07-25-82	130	159	0	25	24	.3	45
	06-02-83	144	176	0	28	23	.3	44
	09-08-83	130	159	0	26	27	.2	44
22N/33E-17N01	06-03-83	144	176	0	17	8.6	.9	53
	08-05-83	147	163	8	15	8.6	.8	50
22N/34E-18M01	07-23-82	95	116	0	66	17	.3	45
	06-01-83	106	129	0	53	20	.3	43
	08-05-83	107	131	0	74	19	.3	43

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Lincoln County, Wash.--Continued					
21N/34E-21K01	07-23-82	339	0.84	--	5	30	7	160
	05-27-83	312	<.10	10	13	--	14	--
	08-04-83	341	1.0	10	5	--	11	--
21N/34E-35A01	07-23-82	276	4.5	--	<3	11	<1	200
	05-26-83	273	4.5	20	<3	--	<1	--
	08-04-83	251	3.4	20	5	--	<1	--
21N/36E-27P02	07-22-82	231	.16	--	6	31	7	76
	05-31-83	234	.21	10	<3	--	8	--
	08-10-83	228	.16	10	68	--	24	--
21N/38E-14E01	09-08-83	288	3.9	<10	4	--	3	--
21N/38E-14J01	07-21-82	235	.20	--	26	23	9	92
	06-02-83	243	.24	<10	54	--	13	--
	08-02-83	228	.16	<10	28	--	9	--
21N/38E-23L01	07-21-82	--	.22	--	11	32	6	38
	06-20-83	198	.22	10	7	--	5	--
	08-02-83	--	<.10	10	9	--	6	--
22N/31E-21F01	07-26-82	348	.13	--	<3	30	5	180
	05-31-83	347	.17	20	<3	--	9	--
	08-05-83	339	.13	10	5	--	2	--
22N/32E-30D01	06-03-83	226	<.10	10	<3	--	2	--
	08-08-83	226	<.10	10	3	--	3	--
22N/33E-02K01	07-25-82	305	11	--	5	12	4	220
	06-02-83	314	9.8	<10	10	--	2	--
	09-08-83	315	11	<10	6	--	2	--
22N/33E-17N01	06-03-83	241	<.10	20	18	--	2	--
	08-05-83	238	<.10	10	6	--	2	--
22N/34E-18M01	07-23-82	265	1.7	--	31	14	32	92
	06-01-83	254	1.3	10	<3	--	3	--
	08-05-83	287	1.2	<10	33	--	13	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Lincoln County, Wash.--Continued					
22N/35E-13H01	07-22-82	1325	880	7.6	12.5	0.3	--	180
	06-01-83	1015	860	7.5	12.0	1.0	<1	180
	08-10-83	1440	912	7.7	12.0	.2	--	180
22N/35E-23E01D1	07-22-82	1450	330	7.6	13.0	6.0	--	150
	06-01-83	1205	340	7.7	11.0	5.2	<1	130
	08-11-83	0855	345	7.6	12.0	4.7	--	120
22N/36E-18N02D1	07-22-82	1200	530	7.4	11.5	--	--	240
	06-01-83	0845	520	7.4	12.5	6.8	--	240
	08-10-83	1330	462	7.5	12.0	7.4	--	190
22N/36E-20A01	09-07-83	1600	308	7.8	13.0	9.2	--	150
22N/37E-12C02D1	07-22-82	1000	325	8.0	15.5	2.5	--	99
	06-01-83	1500	315	8.1	15.5	1.4	<1	92
	08-06-83	1400	319	7.9	17.0	2.2	--	99
22N/38E-02D01D1	07-21-82	1350	315	7.7	13.0	10.1	--	140
22N/39E-36H01	07-20-82	1600	190	7.7	14.5	1.8	--	79
	06-02-83	1340	194	7.3	14.0	3.2	<1	75
	08-09-83	1400	198	7.6	14.0	3.4	--	77
23N/31E-33E01	09-08-82	1500	315	8.9	19.5	3.3	--	38
	06-02-83	1140	310	8.7	19.5	3.0	--	34
	08-12-83	1130	--	8.7	19.5	2.8	--	36
23N/33E-10A01	07-27-82	1005	850	7.6	18.0	8.3	--	340
	06-02-83	1415	843	7.7	14.5	10.2	<1	400
	08-12-83	0930	848	7.4	14.0	10.1	--	390
23N/35E-03H01D1	07-23-82	1005	380	8.2	14.0	2.8	--	110
	06-01-83	1735	400	8.3	13.5	3.8	<1	110
	08-11-83	1300	370	8.2	14.5	2.0	--	100

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Lincoln County, Wash.--Continued					
22N/35E-13H01	07-22-82	0	42	19	120	58	4	6.4
	06-01-83	0	40	19	120	58	4	6.4
	08-10-83	0	41	20	130	59	4	6.4
22N/35E-23E01D1	07-22-82	14	37	13	20	22	.7	3.5
	06-01-83	0	29	13	19	24	.7	3.4
	08-11-83	0	28	13	19	24	.7	3.7
22N/36E-18N02D1	07-22-82	72	60	22	18	14	.5	2.5
	06-01-83	61	58	22	18	14	.5	2.4
	08-10-83	36	45	18	17	16	.5	2.5
22N/36E-20A01	09-07-83	--	37	13	11	14	.4	2.0
22N/37E-12C02D1	07-22-82	0	20	12	33	41	1	3.9
	06-01-83	0	17	12	33	43	1	3.8
	08-06-83	0	20	12	33	41	1	3.5
22N/38E-02D01D1	07-21-82	--	37	11	14	18	.5	2.3
22N/39E-36H01	07-20-82	0	16	9.4	9.6	20	.5	2.8
	06-02-83	2	15	9.0	8.9	20	.4	2.9
	08-09-83	0	15	9.6	9.8	21	.5	2.7
23N/31E-33E01	09-08-82	0	9.0	3.7	56	73	4	5.6
	06-02-83	0	8.2	3.3	56	75	4	5.7
	08-12-83	0	8.7	3.5	55	73	4	5.5
23N/33E-10A01	07-27-82	210	85	30	23	13	.5	4.9
	06-02-83	260	99	36	22	11	.5	4.9
	08-12-83	270	96	36	24	12	.5	4.3
23N/35E-03H01D1	07-23-82	0	17	16	37	40	2	11
	06-01-83	0	18	16	36	39	1	11
	08-11-83	0	19	13	30	37	1	6.9

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Lincoln County, Wash.--Continued				
22N/35E-13H01	07-22-82	310	378	0	85	47	0.6	47
	06-01-83	312	381	0	78	49	.7	45
	08-10-83	310	378	0	89	50	.6	45
22N/35E-23E01D1	07-22-82	132	161	0	20	12	.4	42
	06-01-83	130	158	0	22	15	.4	39
	08-11-83	129	157	0	19	12	.4	37
22N/36E-18N02D1	07-22-82	169	206	0	52	29	.3	44
	06-01-83	175	213	0	51	27	.3	43
	08-10-83	151	184	0	31	18	.3	42
22N/36E-20A01	09-07-83	--	--	--	14	12	.3	46
22N/37E-12C02D1	07-22-82	156	190	0	11	5.1	.6	44
	06-01-83	156	190	0	8.9	5.1	.6	44
	08-06-83	160	195	0	11	5.0	.6	43
22N/38E-02D01D1	07-21-82	--	--	--	11	6.1	.3	47
22N/39E-36H01	07-20-82	95	116	0	<5.0	1.6	.3	43
	06-02-83	72	88	0	7.8	2.8	.3	44
	08-09-83	95	116	0	5.0	1.7	.3	42
23N/31E-33E01	09-08-82	137	135	16	12	8.0	1.2	59
	06-02-83	145	161	8	12	8.1	1.4	57
	08-12-83	134	151	6	12	7.9	1.3	56
23N/33E-10A01	07-27-82	125	153	0	64	91	.3	47
	06-02-83	139	170	0	80	120	.3	45
	08-12-83	122	149	0	78	110	.3	45
23N/35E-03H01D1	07-23-82	167	204	0	24	13	.5	38
	06-01-83	166	203	0	24	11	.5	37
	08-11-83	150	183	0	16	7.4	.4	37

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Lincoln County, Wash.--Continued					
22N/35E-13H01	07-22-82	554	<0.10	--	320	18	880	200
	06-01-83	547	<.10	10	390	--	860	--
	08-10-83	576	1.6	<10	360	--	890	--
22N/35E-23E01D1	07-22-82	233	1.3	--	27	10	13	130
	06-01-83	226	1.7	<10	5	--	4	--
	08-11-83	216	1.5	<10	8	--	<1	--
22N/36E-18N02D1	07-22-82	348	4.3	--	10	18	5	280
	06-01-83	346	4.4	<10	13	--	2	--
	08-10-83	280	3.6	<10	6	--	4	--
22N/36E-20A01	09-07-83	223	2.1	<10	5	--	1	--
22N/37E-12C02D1	07-22-82	226	.55	--	7	29	6	76
	06-01-83	219	.32	<10	12	--	6	--
	08-06-83	226	.56	<10	8	--	3	--
22N/38E-02D01D1	07-21-82	235	4.7	--	7	13	2	160
22N/39E-36H01	07-20-82	--	<.10	--	7	14	10	55
	06-02-83	137	.57	<10	11	--	2	--
	08-09-83	143	<.10	<10	12	--	8	--
23N/31E-33E01	09-08-82	237	.11	--	6	14	<1	33
	06-02-83	239	<.10	30	3	--	<1	--
	08-12-83	230	<.10	20	<3	--	<1	--
23N/33E-10A01	07-27-82	509	20	--	48	19	2	390
	06-02-83	597	24	10	32	--	4	--
	08-12-83	573	24	10	25	--	2	--
23N/35E-03H01D1	07-23-82	258	.16	--	7	33	5	74
	06-01-83	254	.19	<10	14	--	2	--
	08-11-83	220	<.10	<10	15	--	3	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Lincoln County, Wash.--Continued					
23N/35E-30F01	07-23-82	1315	485	7.5	12.5	9.1	--	220
	06-02-83	1320	581	7.8	14.0	5.0	<1	250
	08-11-83	1145	472	7.6	14.0	8.8	--	200
23N/36E-13N01	07-22-82	1630	490	7.6	12.0	8.0	--	210
	06-02-83	1130	490	7.8	12.0	7.4	<1	200
23N/37E-29F01	07-22-82	1020	350	7.6	13.0	5.5	--	130
	06-02-83	1000	--	7.7	12.0	4.2	<1	120
	08-10-83	1500	329	7.5	13.0	4.9	--	130
23N/38E-12A01	07-21-82	1720	275	8.0	12.5	.2	--	100
	06-20-83	1500	279	8.0	12.5	.4	--	100
	08-06-83	1230	268	8.0	12.5	.3	--	100
23N/39E-04B01	07-21-82	0910	280	7.7	11.0	--	--	110
24N/31E-14E01	07-23-82	1445	278	8.2	15.0	.3	--	75
	06-03-83	0930	268	8.2	14.5	.9	<1	75
	08-11-83	0900	260	8.2	15.0	.4	--	75
24N/33E-06Q01	06-22-83	1300	260	7.8	13.5	2.4	--	94
	09-07-83	1315	258	7.9	13.0	1.6	--	86
24N/33E-18HO1	09-08-83	1600	245	7.9	15.0	2.2	--	88
24N/34E-23L01	07-27-82	1315	265	8.0	16.0	--	--	94
24N/36E-03D01	07-21-82	1330	182	7.6	12.5	5.0	--	65
	06-01-83	1100	181	7.3	12.0	6.3	<1	63
	08-11-83	1315	180	7.4	11.5	5.9	--	63
24N/36E-16A02	07-16-83	1900	297	8.5	12.0	--	--	120
24N/36E-16A03	07-16-83	2030	225	9.6	12.0	--	--	87
24N/36E-16A04	07-18-83	1910	203	8.0	18.0	--	--	65
24N/36E-16A05	07-19-83	1000	295	9.4	14.0	--	--	56

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Lincoln County, Wash.--Continued					
23N/35E-30F01	07-23-82	74	53	21	16	14	0.5	2.6
	06-02-83	100	58	25	17	13	.5	2.7
	08-11-83	52	46	20	15	14	.5	2.5
23N/36E-13N01	07-22-82	68	54	19	21	17	.6	2.9
	06-02-83	64	54	17	17	15	.5	2.6
23N/37E-29F01	07-22-82	0	26	15	21	26	.8	2.4
	06-02-83	0	24	15	21	27	.8	2.1
	08-10-83	0	27	14	21	26	.8	2.4
23N/38E-12A01	07-21-82	0	23	11	18	27	.8	3.2
	06-20-83	0	23	11	18	27	.8	3.1
	08-06-83	0	23	11	18	27	.8	3.3
23N/39E-04B01	07-21-82	4	27	9.9	15	23	.6	1.7
24N/31E-14E01	07-23-82	--	12	11	29	43	1	7.5
	06-03-83	0	12	11	27	41	1	7.7
	08-11-83	0	12	11	27	41	1	6.8
24N/33E-06Q01	06-22-83	0	21	10	16	26	.7	4.1
	09-07-83	0	18	10	16	28	.8	4.4
24N/33E-18H01	09-08-83	0	17	11	18	30	.8	4.6
24N/34E-23L01	07-27-82	0	21	10	14	24	.6	3.3
24N/36E-03D01	07-21-82	0	15	6.7	9.9	23	.5	4.3
	06-01-83	0	15	6.2	8.7	22	.5	4.5
	08-11-83	1	15	6.3	8.9	22	.5	4.3
24N/36E-16A02	07-16-83	--	34	8.0	12	18	.5	2.9
24N/36E-16A03	07-16-83	--	24	6.5	14	25	.7	4.4
24N/36E-16A04	07-18-83	0	20	3.7	17	35	.9	3.7
24N/36E-16A05	07-19-83	0	22	.14	38	57	2	4.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Lincoln County, Wash.--Continued				
23N/35E-30F01	07-23-82	145	177	0	25	35	0.3	50
	06-02-83	144	176	0	31	11	.3	47
	08-11-83	145	177	0	22	30	.3	49
23N/36E-13N01	07-22-82	145	177	0	32	32	.3	46
	06-02-83	141	172	0	31	26	.3	46
23N/37E-29F01	07-22-82	145	177	0	11	7.7	.3	41
	06-02-83	149	182	0	11	6.7	.3	40
	08-10-83	148	181	0	10	7.5	.3	39
23N/38E-12A01	07-21-82	132	161	0	11	3.3	.5	39
	06-20-83	138	168	0	10	3.1	.5	35
	08-06-83	136	166	0	11	3.1	.5	37
23N/39E-04B01	07-21-82	104	127	0	12	6.8	.3	41
24N/31E-14E01	07-23-82	--	--	--	18	7.0	.7	37
	06-03-83	129	157	0	17	5.0	.7	36
	08-11-83	121	148	0	16	4.9	.7	36
24N/33E-06Q01	06-22-83	99	121	0	16	7.3	.4	37
	09-07-83	102	125	0	15	6.2	.4	37
24N/33E-18H01	09-08-83	116	142	0	8.1	3.9	.4	46
24N/34E-23L01	07-27-82	107	130	0	17	5.1	.3	46
24N/36E-03D01	07-21-82	71	87	0	9.0	3.3	.2	45
	06-01-83	64	78	0	9.7	3.6	.2	48
	08-11-83	62	76	0	9.2	3.8	.3	45
24N/36E-16A02	07-16-83	--	--	--	26	14	.2	38
24N/36E-16A03	07-16-83	--	--	--	21	7.3	.4	33
24N/36E-16A04	07-18-83	98	119	0	18	3.5	.5	32
24N/36E-16A05	07-19-83	114	96	21	28	3.7	.7	11

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Lincoln County, Wash.--Continued					
23N/35E-30F01	07-23-82	327	8.2	--	12	15	3	250
	06-02-83	375	14	<10	<3	--	1	--
	08-11-83	304	7.3	<10	17	--	1	--
23N/36E-13N01	07-22-82	332	8.4	--	3	18	1	250
	06-02-83	323	10	10	<3	--	<1	--
23N/37E-29F01	07-22-82	223	2.5	--	7	18	7	110
	06-02-83	219	2.1	<10	13	--	3	--
	08-10-83	222	2.7	10	10	--	2	--
23N/38E-12A01	07-21-82	189	<.10	--	220	19	25	96
	06-20-83	187	<.10	<10	200	--	23	--
	08-06-83	189	<.10	<10	160	--	22	--
23N/39E-04B01	07-21-82	196	4.4	--	13	14	3	120
24N/31E-14E01	07-23-82	189	<.10	--	10	17	18	47
	06-03-83	194	<.10	10	15	--	14	--
	08-11-83	187	<.10	<10	9	--	14	--
24N/33E-06Q01	06-22-83	180	1.9	<10	19	--	10	--
	09-07-83	174	1.2	<10	7	--	7	--
24N/33E-18H01	09-08-83	182	.64	<10	3	--	2	--
24N/34E-23L01	07-27-82	187	1.5	--	<3	5	<1	110
24N/36E-03D01	07-21-82	146	2.3	--	6	15	3	71
	06-01-83	149	3.3	<10	9	--	<1	--
	08-11-83	143	3.0	<10	<3	--	2	--
24N/36E-16A02	07-16-83	208	5.3	--	6	--	1	--
24N/36E-16A03	07-16-83	166	.65	<10	5	--	2	--
24N/36E-16A04	07-18-83	157	<.10	--	17	--	3	--
24N/36E-16A05	07-19-83	176	<.10	--	8	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Lincoln County, Wash.--Continued					
24N/36E-16A07	07-17-83	2000	400	11.0	14.0	--	--	78
24N/36E-16A08	07-18-83	1730	241	8.1	15.5	--	--	36
24N/37E-06Q01	07-21-82	1700	235	6.5	9.5	6.6	--	88
	06-01-83	1245	243	6.8	9.0	--	--	83
	08-11-83	1145	233	6.8	9.5	--	--	79
24N/38E-02D01	07-20-82	1535	430	7.2	9.5	8.3	--	140
24N/39E-26K01	07-20-82	1345	280	7.4	11.5	.5	--	130
	06-02-83	1630	292	7.3	11.5	2.8	<1	120
	08-10-83	1130	268	7.6	11.5	3.5	--	120
25N/32E-17K01	07-23-82	1320	349	7.3	14.0	7.7	--	140
25N/32E-35P01	09-09-82	0800	270	8.2	21.5	.6	--	52
	06-04-83	1100	268	8.2	21.5	.1	--	50
	08-31-83	1100	268	8.2	21.5	.1	--	51
25N/33E-01B01	07-22-82	1235	350	7.3	11.5	8.4	--	140
	06-03-83	1400	370	7.4	10.5	8.3	<1	140
	08-31-83	1330	360	7.3	11.5	8.5	--	130
25N/33E-27A01	06-03-83	1100	260	7.9	19.5	.3	<1	80
25N/35E-03E01D1	07-22-82	1105	400	6.7	11.5	6.2	--	140
	06-02-83	1525	410	6.6	12.0	4.7	<1	150
	08-11-83	1600	409	7.0	11.5	5.1	--	140
25N/35E-20D01	07-22-82	0955	232	7.4	14.5	2.8	--	95
25N/36E-27Q01	07-21-82	1445	185	7.2	12.5	5.7	--	68
	06-01-83	0900	262	7.1	11.5	5.6	--	99
25N/37E-21L04	07-21-82	1030	288	8.2	22.5	.4	--	61
	06-01-83	1500	278	8.4	23.5	.1	<1	40
	08-10-83	1345	288	8.4	24.0	.1	--	37

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Lincoln County, Wash.--Continued					
24N/36E-16A07	07-17-83	--	31	0.22	34	46	2	6.5
24N/36E-16A08	07-18-83	0	11	2.0	40	68	3	4.0
24N/37E-06Q01	07-21-82	0	24	6.8	17	29	.8	3.7
	06-01-83	0	22	6.7	15	27	.7	3.7
	08-11-83	0	21	6.4	15	28	.7	4.1
24N/38E-02D01	07-20-82	0	38	12	26	28	.9	2.9
24N/39E-26K01	07-20-82	0	31	12	11	16	.4	2.9
	06-02-83	0	30	12	13	18	.5	3.3
	08-10-83	0	28	12	12	18	.5	2.9
25N/32E-17K01	07-23-82	20	34	14	16	19	.6	3.0
25N/32E-35P01	09-09-82	0	12	5.3	39	59	2	4.8
	06-04-83	0	11	5.4	39	60	2	5.0
	08-31-83	0	12	5.1	40	60	2	4.7
25N/33E-01B01	07-22-82	30	36	12	18	22	.7	2.8
	06-03-83	24	35	12	22	25	.8	2.8
	08-31-83	26	34	11	17	22	.6	2.5
25N/33E-27A01	06-03-83	0	16	9.8	28	42	1	3.1
25N/35E-03E01D1	07-22-82	15	37	11	23	26	.9	3.8
	06-02-83	24	39	12	24	26	.9	3.8
	08-11-83	20	38	12	24	26	.9	4.0
25N/35E-20D01	07-22-82	0	24	8.5	16	26	.7	3.2
25N/36E-27Q01	07-21-82	0	18	5.6	9.8	23	.5	2.0
	06-01-83	--	26	8.3	13	22	.6	2.2
25N/37E-21L04	07-21-82	0	15	5.8	40	56	2	4.8
	06-01-83	0	11	3.1	48	69	3	5.7
	08-10-83	0	10	2.9	48	70	3	5.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Lincoln County, Wash.--Continued				
24N/36E-16A07	07-17-83	--	--	--	39	5.2	0.5	39
24N/36E-16A08	07-18-83	141	172	0	3.6	2.9	1.2	50
24N/37E-06Q01	07-21-82	109	133	0	13	5.9	.2	47
	06-01-83	96	117	0	15	7.7	.2	45
	08-11-83	89	109	0	14	6.1	.2	44
24N/38E-02D01	07-20-82	145	177	0	28	15	.2	38
24N/39E-26K01	07-20-82	152	185	0	5.0	5.4	.3	46
	06-02-83	151	184	0	7.0	4.0	.3	43
	08-10-83	147	179	0	4.7	3.5	.3	41
25N/32E-17K01	07-23-82	123	150	0	22	12	.2	45
25N/32E-35P01	09-09-82	124	151	0	7.0	4.6	.8	57
	06-04-83	134	163	0	7.7	4.7	1.0	58
	08-31-83	130	158	0	7.5	4.7	.9	58
25N/33E-01B01	07-22-82	109	133	0	31	18	.2	45
	06-03-83	112	137	0	33	18	.3	43
	08-31-83	104	127	0	30	19	.3	43
25N/33E-27A01	06-03-83	131	160	0	11	4.6	.7	47
25N/35E-03E01D1	07-22-82	123	150	0	19	13	.2	48
	06-02-83	123	150	0	19	11	.2	48
	08-11-83	125	152	0	17	14	.2	46
25N/35E-20D01	07-22-82	112	136	0	10	2.0	.4	44
25N/36E-27Q01	07-21-82	69	84	0	12	3.2	.2	49
	06-01-83	--	--	--	17	5.4	.2	48
25N/37E-21L04	07-21-82	143	174	0	11	4.3	.9	50
	06-01-83	149	--	--	4.3	3.6	1.2	53
	08-10-83	139	165	2	4.0	3.6	1.3	51

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Lincoln County, Wash.--Continued					
24N/36E-16A07	07-17-83	190	<0.10	<10	3	--	<1	--
24N/36E-16A08	07-18-83	199	<.10	<10	21	--	3	--
24N/37E-06Q01	07-21-82	189	1.4	--	25	10	2	130
	06-01-83	183	2.2	<10	48	--	1	--
	08-11-83	172	1.6	<10	37	--	3	--
24N/38E-02D01	07-20-82	281	7.6	--	20	16	7	190
24N/39E-26K01	07-20-82	205	<.10	--	27	16	23	130
	06-02-83	204	.15	<10	20	--	20	--
	08-10-83	192	<.10	<10	17	--	17	--
25N/32E-17K01	07-23-82	239	4.3	--	5	17	2	150
25N/32E-35P01	09-09-82	205	<.10	--	21	32	6	36
	06-04-83	213	.21	<10	26	--	8	--
	08-31-83	211	<.10	<10	18	--	7	--
25N/33E-01B01	07-22-82	247	4.2	--	8	13	8	170
	06-03-83	253	4.3	<10	15	--	2	--
	08-31-83	239	4.4	<10	8	--	1	--
25N/33E-27A01	06-03-83	199	<.10	<10	27	--	12	--
25N/35E-03E01D1	07-22-82	282	12	--	6	13	15	210
	06-02-83	279	11	<10	15	--	2	--
	08-11-83	274	10	10	6	--	2	--
25N/35E-20D01	07-22-82	179	.71	--	10	<10	300	140
	07-21-82	155	3.2	--	4	13	19	88
25N/36E-27Q01	06-01-83	194	4.8	<10	11	--	<1	--
25N/37E-21L04	07-21-82	217	<.10	--	18	39	7	68
	06-01-83	214	<.10	<10	30	--	4	--
	08-10-83	209	<.10	<10	13	--	4	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Lincoln County, Wash.--Continued					
25N/37E-27E01	07-21-82	0900	190	7.0	11.0	--	--	68
	05-31-83	1730	191	7.0	11.0	8.8	<1	64
	08-11-83	0945	211	6.9	11.0	9.1	--	71
25N/38E-15N01	07-20-82	1755	420	7.2	12.0	7.7	--	160
	06-02-83	1825	431	7.0	11.0	9.5	<1	160
	08-10-83	1600	410	7.2	11.0	8.9	--	150
26N/32E-26D01	07-23-82	1100	213	8.2	11.5	1.1	--	74
	06-04-83	0840	210	8.4	11.5	1.8	--	74
	09-07-83	1045	210	8.4	11.5	.7	--	75
26N/33E-07E01	07-23-82	0740	548	7.1	12.5	2.9	--	220
	06-21-83	1630	--	7.6	12.5	2.8	--	300
	08-11-83	1915	870	7.5	14.0	2.7	--	350
26N/33E-19D01	06-04-83	1140	200	8.3	13.5	1.8	<1	70
	08-11-83	1800	208	8.4	13.0	1.7	--	70
28N/37E-29L01	06-03-83	1130	221	7.2	11.5	9.3	--	110
			Morrow County, Oreg.					
01N/25E-10CDD	07-28-83	1505	318	7.9	17.0	.8	--	110
01N/26E-05BBA	07-25-83	2045	342	8.1	24.0	.1	--	100
01N/27E-05CCB	07-28-83	1650	310	7.8	22.5	1.6	--	120
01S/24E-03CDB	08-04-83	1515	478	7.9	16.5	.2	--	170
03S/28E-07CAD	07-28-83	0950	281	8.1	19.0	1.1	--	100
04N/24E-14DAC	08-10-83	1500	618	8.1	20.0	.5	--	67
04N/25E-10BDC	08-04-83	0920	390	8.7	21.5	.2	--	4
04N/25E-13ADA	08-01-83	1600	375	8.6	22.0	10.0	--	6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Lincoln County, Wash.--Continued					
25N/37E-27E01	07-21-82	9	18	5.5	12	27	0.6	3.3
	05-31-83	0	17	5.2	11	26	.6	3.2
	08-11-83	15	19	5.6	11	24	.6	3.3
25N/38E-15N01	07-20-82	32	43	12	26	26	.9	2.0
	06-02-83	31	43	13	27	26	.9	2.0
	08-10-83	28	40	12	26	27	.9	2.1
26N/32E-26D01	07-23-82	0	14	9.4	18	34	.9	3.0
	06-04-83	0	14	9.5	17	32	.9	3.2
	09-07-83	0	14	9.7	17	32	.9	2.9
26N/33E-07E01	07-23-82	41	50	24	29	22	.8	4.4
	06-21-83	70	66	33	38	21	1	5.4
	08-11-83	68	78	38	43	21	1	5.2
26N/33E-19D01	06-04-83	--	13	9.0	15	31	.8	3.3
	08-11-83	0	13	9.2	15	31	.8	3.0
28N/37E-29L01	06-03-83	5	33	5.8	5.6	10	.2	1.4
			Morrow County, Oreg.					
01N/25E-10CDD	07-28-83	0	24	13	23	29	.9	7.4
01N/26E-05BBA	07-25-83	0	22	11	35	41	2	8.3
01N/27E-05CCB	07-28-83	0	27	13	23	28	.9	5.7
01S/24E-03CDB	08-04-83	0	42	17	29	26	1	4.5
03S/28E-07CAD	07-28-83	0	25	9.7	24	32	1	6.3
04N/24E-14DAC	08-10-83	0	16	6.5	100	73	5	10
04N/25E-10BDC	08-04-83	0	1.1	.2	81	89	18	14
04N/25E-13ADA	08-01-83	0	1.9	.3	77	89	14	12

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Lincoln County, Wash.--Continued					
25N/37E-27E01	07-21-82	58	71	0	12	6.3	0.2	50
	05-31-83	64	78	0	12	5.2	.2	49
	08-11-83	56	68	0	13	7.4	.2	47
25N/38E-15N01	07-20-82	125	152	0	30	18	.2	48
	06-02-83	130	158	0	33	20	.2	47
	08-10-83	121	148	0	32	21	.3	46
26N/32E-26D01	07-23-82	105	128	0	6.0	2.5	.5	39
	06-04-83	108	119	6	6.7	2.4	.5	37
	09-07-83	107	114	8	6.3	2.4	.5	37
26N/33E-07E01	07-23-82	183	223	0	59	25	.3	46
	06-21-83	230	281	0	90	35	.3	43
	08-11-83	283	345	0	110	42	.3	44
26N/33E-19D01	06-04-83	--	--	--	6.2	2.3	.5	37
	08-11-83	101	--	--	6.0	2.5	.5	37
28N/37E-29L01	06-03-83	101	123	0	10	1.2	1.0	27
			Morrow County, Oreg.					
01N/25E-10CDD	07-28-83	139	169	0	18	11	.5	61
01N/26E-05BBA	07-25-83	144	176	0	20	20	.6	67
01N/27E-05CCB	07-28-83	157	192	0	9.1	11	.5	67
01S/24E-03COB	08-04-83	209	255	0	17	14	.3	57
03S/28E-07CAD	07-28-83	141	172	0	11	6.3	.5	54
04N/24E-14DAC	08-10-83	205	250	0	51	35	1.0	51
04N/25E-10BDC	08-04-83	165	181	10	.6	22	1.6	72
04N/25E-13ADA	08-01-83	158	179	7	.6	19	1.4	71

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Lincoln County, Wash.--Continued					
25N/37E-27E01	07-21-82	166	5.3	--	<3	12	<1	83
	05-31-83	165	5.3	<10	12	--	<1	--
	08-11-83	166	5.9	<10	4	--	<1	--
25N/38E-15N01	07-20-82	293	8.8	--	3	12	3	200
	06-02-83	300	8.4	<10	16	--	<1	--
	08-10-83	280	6.3	<10	7	--	3	--
26N/32E-26D01	07-23-82	160	.91	--	83	20	17	50
	06-04-83	155	<.10	<10	77	--	15	--
	09-07-83	154	<.10	<10	36	--	17	--
26N/33E-07E01	07-23-82	359	2.6	--	12	19	<1	240
	06-21-83	463	3.2	40	10	--	<1	--
	08-11-83	543	3.0	40	5	--	<1	--
26N/33E-19D01	06-04-83	146	<.10	<10	33	--	11	--
	08-11-83	146	<.10	<10	26	--	20	--
28N/37E-29L01	06-03-83	147	.37	<10	<3	--	<1	--
			Morrow County, Oreg.--Continued					
01N/25E-10CDD	07-28-83	243	.45	10	22	--	<1	--
01N/26E-05BBA	07-25-83	271	<.10	20	26	--	19	--
01N/27E-05CCB	07-28-83	254	.70	20	34	--	<1	--
01S/24E-03COB	08-04-83	306	<.10	30	110	--	31	--
03S/28E-07CAD	07-28-83	223	.33	10	13	--	<1	--
04N/24E-14DAC	08-10-83	394	<.10	40	18	--	72	--
04N/25E-10BDC	08-04-83	292	<.10	60	88	--	6	--
04N/25E-13ADA	08-01-83	278	<.10	70	13	--	4	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Sherman County, Oreg.					
01N/17E-04CAA	08-10-83	0900	335	7.8	20.0	0.6	--	110
01S/17E-18ADD	08-09-83	1400	322	7.8	18.0	4.9	--	120
03N/17E-28DDB1	08-10-83	1045	400	7.7	19.5	.3	--	160
04S/15E-11DCB1	08-09-83	1630	370	7.8	17.0	1.5	--	100
			Spokane County, Wash.					
21N/40E-27R01	07-21-82	1020	260	8.1	17.5	.1	--	88
21N/41E-02Q01	07-19-82	1630	350	8.0	18.0	.4	--	130
21N/43E-07G01	07-19-82	1450	205	7.4	13.0	5.7	--	85
	03-22-83	1140	195	7.1	11.0	5.8	--	82
	08-09-83	1100	200	7.5	12.5	5.4	--	83
22N/41E-18Q01D1	07-21-82	0850	610	7.8	12.5	.1	--	290
	03-22-83	1100	625	7.4	10.5	.1	--	320
22N/43E-04F02	07-20-82	1200	232	8.0	18.0	1.2	--	77
	08-26-83	1500	245	7.8	18.0	1.4	--	81
23N/40E-32R01D1	07-20-82	1505	285	6.7	11.5	4.0	--	99
	03-22-83	0900	218	6.5	9.5	5.5	--	75
	08-09-83	1055	247	6.7	13.0	4.6	--	84
23N/41E-04C01	07-20-82	1120	190	7.5	13.0	7.2	--	81
	03-22-83	0900	184	7.4	11.5	--	--	79
	09-07-83	1230	193	7.2	12.5	7.6	--	83
23N/41E-24P02D1	07-20-82	1720	481	7.7	14.5	.6	--	230
	03-22-83	1400	455	7.7	14.0	.3	--	220
	08-09-83	1430	421	8.0	15.5	.6	--	190

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Sherman County, Oreg.					
01N/17E-04CAA	08-10-83	0	26	12	21	28	0.9	4.5
01S/17E-18ADD	08-09-83	0	27	12	20	26	.8	4.9
03N/17E-28DDB1	08-10-83	0	33	19	21	22	.7	4.8
04S/15E-11DCB1	08-09-83	0	19	13	34	40	1	6.4
			Spokane County, Wash.					
21N/40E-27R01	07-21-82	0	17	11	23	35	1	3.0
21N/41E-02Q01	07-19-82	0	21	18	27	31	1	3.1
21N/43E-07G01	07-19-82	0	21	7.8	9.9	20	.5	2.4
	03-22-83	0	20	7.8	10	20	.5	2.0
	08-09-83	0	20	8.1	10	20	.5	2.2
22N/41E-18Q01D1	07-21-82	130	60	35	15	10	.4	2.5
	03-22-83	120	61	40	16	10	.4	2.5
22N/43E-04F02	07-20-82	0	15	9.6	22	37	1	2.6
	08-26-83	0	16	9.9	23	37	1	2.3
23N/40E-32R01D1	07-20-82	47	24	9.4	14	22	.6	5.0
	03-22-83	32	18	7.3	10	21	.5	4.1
	08-09-83	25	20	8.2	13	24	.6	4.6
23N/41E-04C01	07-20-82	0	22	6.3	8.3	18	.4	1.5
	03-22-83	0	21	6.4	7.9	18	.4	1.4
	09-07-83	0	22	6.7	8.3	18	.4	1.5
23N/41E-24P02D1	07-20-82	0	48	26	22	17	.6	2.5
	03-22-83	0	46	26	21	17	.6	2.4
	08-09-83	0	38	22	17	16	.5	2.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Sherman County, Oreg.					
01N/17E-04CAA	08-10-83	134	163	0	15	11	0.5	63
01S/17E-18ADD	08-09-83	130	158	0	12	11	.5	61
03N/17E-28DDB1	08-10-83	185	225	0	20	7.2	.8	53
04S/15E-11DCB1	08-09-83	135	165	0	23	17	.8	49
			Spokane County, Wash.					
21N/40E-27R01	07-21-82	137	167	0	<5.0	2.2	.6	56
21N/41E-02Q01	07-19-82	182	222	0	8.0	2.4	.4	45
21N/43E-07G01	07-19-82	102	124	0	<5.0	2.2	.3	57
	03-22-83	98	119	0	2.3	2.0	.3	56
	08-09-83	102	125	0	2.5	2.2	.3	54
22N/41E-18Q01D1	07-21-82	169	206	0	140	7.5	.3	49
	03-22-83	199	243	0	160	7.6	.3	49
22N/43E-04F02	07-20-82	125	153	0	<5.0	2.2	.6	51
	08-26-83	123	150	0	2.5	3.2	.6	51
23N/40E-32R01D1	07-20-82	52	63	0	30	22	.1	46
	03-22-83	43	53	0	23	13	.1	42
	08-09-83	58	71	0	24	13	.2	45
23N/41E-04C01	07-20-82	87	106	0	<5.0	2.6	.2	53
	03-22-83	89	109	0	4.2	3.4	.2	49
	09-07-83	84	103	0	4.2	2.3	.2	52
23N/41E-24P02D1	07-20-82	276	336	0	<5.0	2.4	.3	51
	03-22-83	270	329	0	4.6	2.4	.2	48
	08-09-83	278	339	0	3.9	2.1	.3	47

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Sherman County, Oreg.					
01N/17E-04CAA	08-10-83	234	0.23	10	14	--	3	--
01S/17E-18ADD	08-09-83	232	1.3	<10	7	--	2	--
03N/17E-28DDB1	08-10-83	270	<.10	40	110	--	41	--
04S/15E-11DCB1	08-09-83	251	1.8	<10	83	--	9	--
			Spokane County, Wash.					
21N/40E-27R01	07-21-82	--	<.10	--	8	24	9	57
21N/41E-02Q01	07-19-82	234	<.10	--	6	33	7	76
21N/43E-07G01	07-19-82	--	1.2	--	<3	10	1	91
	03-22-83	165	1.3	<10	<3	--	3	--
	08-09-83	167	1.5	--	3	--	<1	--
22N/41E-18Q01D1	07-21-82	412	<.10	--	660	26	590	250
	03-22-83	458	<.10	10	1,100	--	680	--
22N/43E-04F02	07-20-82	--	.57	--	4	23	2	63
	08-26-83	187	1.1	--	6	--	<1	--
23N/40E-32R01D1	07-20-82	208	6.0	--	24	12	3	100
	03-22-83	168	5.6	60	83	--	2	--
	08-09-83	183	4.5	--	36	--	2	--
23N/41E-04C01	07-20-82	--	1.8	--	5	11	1	100
	03-22-83	155	1.7	<10	10	--	5	--
	09-07-83	156	1.8	<10	<3	--	20	--
23N/41E-24P02D1	07-20-82	--	.10	--	94	25	44	200
	03-22-83	313	<.10	<10	110	--	29	--
	08-09-83	300	<.10	<10	34	--	18	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Spokane County, Wash.--Continued					
23N/42E-22H01	07-19-82	1015	198	6.1	10.0	4.8	--	71
	03-22-83	1510	174	6.3	9.5	6.7	--	65
	08-09-83	1600	180	6.6	10.0	4.1	--	68
23N/43E-06G01	07-19-82	0855	196	7.4	12.0	7.7	--	100
	03-22-83	1630	197	7.1	9.5	7.7	--	90
	08-10-83	0930	201	7.5	11.5	8.2	--	88
23N/43E-30R03	07-20-82	0950	265	8.1	14.5	--	--	100
24N/40E-05Q01	07-20-82	1205	360	7.4	10.5	5.3	--	130
	03-22-83	1335	342	7.7	7.5	5.0	--	130
	08-09-83	1030	410	7.5	10.5	6.7	--	150
24N/41E-01J02	07-19-82	1410	372	6.9	9.5	2.7	--	140
	03-23-83	1155	370	6.9	9.0	1.8	--	140
	08-09-83	1545	402	6.9	10.5	1.5	--	140
24N/41E-14D01	07-19-82	1600	213	7.7	15.5	.4	--	82
	03-22-83	1030	201	8.0	16.0	.1	--	77
	08-09-83	1315	211	7.9	16.0	.1	--	77
24N/42E-02E02	07-19-82	0845	332	7.2	11.0	4.5	--	130
	03-22-83	1605	416	7.3	10.0	--	--	140
	08-10-83	1030	350	7.5	11.0	4.8	--	130
24N/42E-09Q03	07-20-82	0925	330	7.6	11.5	7.9	--	160
	03-23-83	1020	318	7.6	11.5	10.2	--	160
	08-09-83	1730	322	7.7	12.0	9.2	--	160
			Umatilla County, Oreg.					
01S/32E-09BBA	08-03-83	1900	300	8.0	25.0	2.3	--	97
02N/28E-01DBB	07-21-83	1553	295	--	21.0	--	--	130
02N/28E-10ABD	08-02-83	1026	342	7.8	24.0	.2	--	130

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Spokane County, Wash.--Continued					
23N/42E-22H01	07-19-82	4	17	7.0	8.0	18	0.4	5.5
	03-22-83	0	15	6.6	7.0	18	.4	5.4
	08-09-83	0	16	6.8	7.5	18	.4	5.4
23N/43E-06G01	07-19-82	7	30	6.7	8.1	14	.3	1.4
	03-22-83	0	25	6.8	8.1	16	.4	1.3
	08-10-83	0	24	6.7	8.0	16	.4	1.4
23N/43E-30R03	07-20-82	0	21	12	15	24	.6	1.8
24N/40E-05Q01	07-20-82	0	31	12	23	28	.9	3.3
	03-22-83	0	33	12	24	28	.9	3.6
	08-09-83	0	37	14	26	27	.9	4.4
24N/41E-01J02	07-19-82	0	38	11	25	27	.9	3.1
	03-23-83	0	37	11	24	27	.9	3.2
	08-09-83	0	38	12	24	26	.9	3.3
24N/41E-14D01	07-19-82	0	19	8.4	17	30	.8	3.1
	03-22-83	0	17	8.3	16	30	.8	3.1
	08-09-83	0	17	8.4	16	30	.8	2.8
24N/42E-02E02	07-19-82	0	34	11	21	26	.8	2.4
	03-22-83	0	38	12	32	32	1	2.4
	08-10-83	0	33	11	20	25	.8	2.4
24N/42E-09Q03	07-20-82	4	45	11	4.2	5	.1	2.8
	03-23-83	12	46	12	4.1	5	.1	2.7
	08-09-83	0	43	12	4.2	5	.1	3.0
			Umatilla County, Oreg.					
01S/32E-09BBA	08-03-83	0	24	8.9	22	31	1	6.5
02N/28E-01DBB	07-21-83	--	32	13	16	20	.6	5.6
02N/28E-10ABD	08-02-83	0	31	13	20	24	.8	6.8

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Spokane County, Wash.--Continued					
23N/42E-22H01	07-19-82	67	82	0	16	5.9	0.1	55
	03-22-83	69	84	0	13	4.6	.1	51
	08-09-83	74	90	0	14	4.3	.1	51
23N/43E-06G01	07-19-82	95	116	0	<5.0	1.1	.3	51
	03-22-83	98	119	0	3.1	1.1	.3	50
	08-10-83	98	119	0	2.9	1.1	.3	48
23N/43E-30R03	07-20-82	125	153	0	10	1.8	.4	51
24N/40E-05Q01	07-20-82	161	196	0	15	5.5	.3	37
	03-22-83	157	192	0	19	6.1	.2	31
	08-09-83	193	235	0	14	6.1	.2	34
24N/41E-01J02	07-19-82	148	180	0	24	15	.2	39
	03-23-83	138	168	0	23	17	.2	37
	08-09-83	152	186	0	25	17	.2	38
24N/41E-14D01	07-19-82	112	136	0	8	2.0	.4	50
	03-22-83	99	121	0	8	2.0	.4	48
	08-09-83	106	129	0	8	1.9	.4	49
24N/42E-02E02	07-19-82	139	169	0	17	4.3	.3	51
	03-22-83	159	194	0	25	7.0	.4	47
	08-10-83	141	172	0	17	5.0	.4	48
24N/42E-09Q03	07-20-82	154	188	0	10	2.3	.1	38
	03-23-83	152	186	0	10	2.7	.1	36
	08-09-83	159	194	0	11	2.4	.1	35
			Umatilla County, Oreg.					
01S/32E-09BBA	08-03-83	136	166	0	13	7.6	.5	70
02N/28E-01DBB	07-21-83	--	--	--	13	14	.3	60
02N/28E-10ABD	08-02-83	176	214	0	.9	9.7	.3	66

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Spokane County, Wash.--Continued					
23N/42E-22H01	07-19-82	159	0.85	--	10	8	1	75
	03-22-83	149	1.2	<10	26	--	5	--
	08-09-83	153	.73	--	28	--	<1	--
23N/43E-06G01	07-19-82	--	2.2	--	4	8	5	120
	03-22-83	164	2.3	20	11	--	9	--
	08-10-83	161	2.3	--	5	--	<1	--
23N/43E-30R03	07-20-82	189	<.10	--	190	18	15	76
24N/40E-05Q01	07-20-82	229	1.2	--	10	17	6	160
	03-22-83	227	.72	<10	10	--	2	--
	08-09-83	255	.90	<10	<3	--	2	--
24N/41E-01J02	07-19-82	252	1.9	--	7	17	1	170
	03-23-83	243	1.8	10	41	--	5	--
	08-09-83	255	1.3	10	42	--	<1	--
24N/41E-14D01	07-19-82	175	<.10	--	91	12	13	110
	03-22-83	163	<.10	<10	92	--	10	--
	08-09-83	137	<.10	<10	96	--	12	--
24N/42E-02E02	07-19-82	241	3.7	--	5	11	<1	150
	03-22-83	286	6.0	<10	6	--	<1	--
	08-10-83	240	4.2	<10	<3	--	5	--
24N/42E-09Q03	07-20-82	212	1.4	--	3	12	4	150
	03-23-83	213	1.7	<10	4	--	4	--
	08-09-83	212	1.4	<10	<3	--	1	--
			Umatilla County, Oreg.--Continued					
01S/32E-09BBA	08-03-83	238	.95	40	30	--	<1	--
02N/28E-01DBB	07-21-83	242	1.0	10	11	--	<1	--
03N/28E-10ABD	08-02-83	253	<.10	20	9	--	140	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Umatilla County, Oreg.--Continued					
02N/32E-10CCD	07-27-83	1500	413	7.6	19.0	3.3	--	130
02N/33E-14DAC	08-02-83	1400	268	8.1	17.0	.2	--	90
03N/28E-06DCC	07-26-83	1000	282	8.0	19.5	7.8	--	89
03N/28E-35BAA	07-21-83	1335	328	8.1	26.0	--	--	89
03N/29E-20BBB	08-02-83	0830	585	8.2	18.5	.4	--	51
04N/28E-11BAB	07-22-83	0900	382	8.3	23.5	.3	--	29
04N/30E-28CBB	07-21-83	0612	375	8.0	22.0	.4	--	48
04N/35E-19CDA	08-02-83	1515	290	8.1	24.0	.2	--	80
05N/28E-16ADD	07-21-83	1230	440	9.1	24.5	.2	--	5
			Union County, Oreg.					
01S/38E-24DDC1	08-23-83	1323	135	9.2	31.5	.2	--	--
01S/39E-09CDC1	08-23-83	1100	141	8.8	22.0	--	--	16
03S/38E-05CBA1	08-23-83	0710	119	8.7	28.5	--	--	16
04S/40E-19BAA1	08-23-83	1541	263	8.2	22.5	.8	--	50
			Walla Walla County, Wash.					
06N/31E-04P01	08-30-82	1310	765	7.6	17.5	9.3	--	310
	05-16-83	1215	695	7.5	18.0	8.0	--	290
	07-20-83	1715	659	7.5	18.5	8.5	--	270
06N/32E-01Q01D1	08-30-82	1000	300	7.9	21.5	.4	--	91
	05-16-83	1445	305	8.2	21.5	.1	--	88

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Umatilla County, Oreg.--Continued					
02N/32E-10CCD	07-27-83	0	36	10	41	39	2	7.4
02N/33E-14DAC	08-02-83	0	23	8.0	18	29	.8	4.4
03N/28E-06DCC	07-26-83	0	23	7.7	25	36	1	5.1
03N/28E-35BAA	07-21-83	0	21	8.8	39	47	2	7.0
03N/29E-20BBB	08-02-83	0	9.7	6.6	90	71	5	22
04N/28E-11BAB	07-22-83	0	9.0	1.5	70	78	6	12
04N/30E-28CBB	07-21-83	0	14	3.1	65	69	4	13
04N/33E-19COA	08-02-83	--	22	6.1	32	44	2	6.6
05N/28E-16ADD	07-21-83	0	1.8	<.1	100	92	20	12
			Union County, Oreg.					
01S/38E-24DDC1	08-23-83	--	2.2	<.1	27	--	--	5.4
01S/39E-09CDC1	08-23-83	0	6.2	<.1	23	69	3	5.6
03S/38E-05CBA1	08-23-83	--	5.7	.3	21	67	2	5.8
04S/40E-19BAA1	08-23-83	0	14	3.7	37	58	2	6.6
			Walla Walla County, Wash.					
06N/31E-04P01	08-30-82	110	76	29	35	19	.9	7.2
	05-16-83	81	72	27	34	20	.9	6.8
	07-20-83	110	64	27	26	17	.7	7.3
06N/32E-01Q01D1	08-30-82	0	24	7.6	28	37	1	8.1
	05-16-83	0	23	7.5	27	37	1	7.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Umatilla County, Oreg.--Continued					
02N/32E-10CCD	07-27-83	175	213	0	26	16	0.6	56
02N/33E-14DAC	08-02-83	122	149	0	9.5	3.8	.4	57
03N/28E-06DCC	07-26-83	132	161	0	9.4	7.6	.5	55
03N/28E-35BAA	07-21-83	166	202	0	1.3	20	1.0	75
03N/29E-20BBB	08-02-83	126	154	0	93	44	.6	55
04N/28E-11BAB	07-22-83	157	191	0	23	16	1.5	89
04N/30E-28CBB	07-21-83	149	182	0	29	16	.9	67
04N/33E-19CDA	08-02-83	--	--	--	10	5.0	.8	79
05N/28E-16ADD	07-21-83	148	114	33	34	34	3.4	63
			Union County, Oreg.					
01S/38E-24DDC1	08-23-83	65	41	19	6.3	1.7	1.7	89
01S/39E-09CDC1	08-23-83	66	63	9	4.4	1.0	.6	67
03S/38E-05CBA1	08-23-83	--	--	--	3.6	.8	.5	79
04S/40E-19BAA1	08-23-83	116	142	0	8.5	9.1	.6	63
			Walla Walla County, Wash.					
06N/31E-04P01	08-30-82	204	249	0	100	44	.4	43
	05-16-83	210	256	0	94	35	.4	40
	07-20-83	159	194	0	94	37	.4	45
06N/32E-01Q01D1	08-30-82	131	160	0	18	8.7	.5	76
	05-16-83	130	158	0	18	8.6	.6	75

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Umatilla County, Oreg.--Continued					
02N/32E-10CCD	07-27-83	306	1.8	20	4	--	<1	--
02N/33E-14DAC	08-02-83	197	<.10	10	13	--	7	--
03N/28E-06DCC	07-26-83	213	.16	30	28	--	8	--
03N/28E-35BAA	07-21-83	273	<.10	100	33	--	12	--
03N/29E-20BBB	08-02-83	397	.15	30	19	--	18	--
04N/28E-11BAB	07-22-83	294	<.10	60	8	--	5	--
04N/30E-28CBB	07-21-83	301	.37	40	10	--	<1	--
04N/35E-19CDA	08-02-83	236	<.10	20	18	--	2	--
05N/28E-16ADD	07-21-83	346	<.10	130	18	--	2	--
			Union County, Oreg.					
01S/38E-24DC1	08-23-83	--	<.10	90	8	--	1	--
01S/39E-09CDC1	08-23-83	148	<.10	30	26	--	7	--
03S/38E-05CBA1	08-23-83	155	<.10	30	31	--	4	--
04S/40E-19BAA1	08-23-83	213	<.10	220	82	--	37	--
			Walla Walla County, Wash.					
06N/31E-04PO1	08-30-82	496	8.8	--	7	18	12	340
	05-16-83	460	5.6	70	15	--	2	--
	07-20-83	426	6.7	--	22	--	23	--
06N/32E-01Q01D1	08-30-82	250	<.10	--	22	14	29	80
	05-16-83	245	<.10	40	20	--	28	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Walla Walla County, Wash.--Continued					
06N/33E-03R01	06-23-82	1145	538	7.4	16.0	--	<1	220
06N/33E-08P01	07-13-82	1200	422	7.9	19.5	--	<1	150
06N/34E-07R01	06-23-82	0815	525	8.8	38.0	--	<1	85
	08-13-83	1700	520	9.1	43.5	--	--	11
06N/36E-04A03	06-22-82	1800	375	7.6	14.0	--	<1	150
06N/36E-07E02	06-23-82	0810	236	8.0	20.0	--	<1	75
07N/31E-10R01	06-24-82	0800	349	7.6	19.0	--	<1	120
07N/32E-07D01	06-24-82	1000	308	7.7	--	--	<1	36
07N/33E-35G01	06-23-82	1330	2,200	7.4	13.0	--	<1	660
07N/34E-21M03	06-23-82	1615	330	7.8	18.5	--	<1	89
07N/34E-36B02	06-23-82	1745	508	7.0	14.5	--	<1	200
07N/35E-31B01	06-24-82	0740	505	7.4	14.5	--	<1	180
07N/35E-32H02	06-24-82	0855	500	7.5	13.5	--	<1	180
07N/35E-33H03	06-23-82	1320	245	7.9	19.5	--	<1	76
07N/35E-35C01	06-23-82	1130	462	6.8	15.0	--	<1	180
07N/36E-10B01	06-22-82	1530	227	8.0	20.5	--	<1	81
07N/36E-27N04	06-22-82	1655	262	7.3	13.0	--	<1	120
07N/36E-30R01	06-23-82	1020	192	6.6	13.0	--	<1	80
08N/30E-01N01	06-24-82	1330	885	7.7	17.5	--	<1	340

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Walla Walla County, Wash.--Continued					
06N/33E-03R01	06-23-82	11	62	16	32	23	0.9	5.2
06N/33E-08P01	07-13-82	20	35	14	30	30	1	7.4
06N/34E-07R01	06-23-82	0	24	6.1	81	64	4	9.8
	08-13-83	0	4.1	.30	90	89	12	10
06N/36E-04A03	06-22-82	0	37	14	25	26	.9	3.5
06N/36E-07E02	06-23-82	0	20	6.2	19	34	1	5.0
07N/31E-10R01	06-24-82	0	32	9.5	31	35	1	4.6
07N/32E-07D01	06-24-82	0	11	2.1	50	68	4	12
07N/33E-35G01	06-23-82	0	160	63	310	50	5	14
07N/34E-21M03	06-23-82	0	26	5.8	41	47	2	8.5
07N/34E-36B02	06-23-82	18	52	18	24	20	.7	8.2
07N/35E-31B01	06-24-82	8	50	14	29	25	.9	8.0
07N/35E-32H02	06-24-82	15	44	18	29	25	.9	7.0
07N/35E-33H03	06-23-82	0	21	5.7	21	35	1	5.7
07N/35E-35C01	06-23-82	13	4.3	17	27	24	.9	7.1
07N/36E-10B01	06-22-82	0	20	7.6	16	29	.8	4.0
07N/36E-27N04	06-22-82	0	28	12	9.6	15	.4	2.7
07N/36E-30R01	06-23-82	0	19	7.8	6.4	14	.3	4.0
08N/30E-01N01	06-24-82	25	97	24	57	26	1	9.9

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Walla Walla County, Wash.--Continued					
06N/33E-03R01	06-23-82	210	256	0	67	16	0.3	51
06N/33E-08P01	07-13-82	125	152	0	38	29	.5	56
06N/34E-07R01	06-23-82	151	133	25	28	72	2.4	98
	08-13-83	61	74	33	2.9	72	2.4	100
06N/36E-04A03	06-22-82	175	213	0	10	6.7	.6	54
06N/36E-07E02	06-23-82	109	133	0	11	5.4	.5	64
07N/31E-10R01	06-24-82	150	183	0	23	16	.7	43
07N/32E-07D01	06-24-82	125	152	0	6.0	26	2.4	97
07N/33E-35G01	06-23-82	1,040	1,270	0	50	140	.2	46
07N/34E-21M03	06-23-82	166	202	0	12	9.1	.7	65
07N/34E-36B02	06-23-82	186	227	0	30	36	.3	50
07N/35E-31B01	06-24-82	175	213	0	30	39	.3	50
07N/35E-32H02	06-24-82	169	206	0	26	34	.2	53
07N/35E-33H03	06-23-82	113	138	0	6.0	6.5	.5	63
07N/35E-35C01	06-23-82	164	200	0	29	17	.2	53
07N/36E-10B01	06-22-82	118	144	0	6.0	1.7	.5	62
07N/36E-27N04	06-22-82	130	158	0	7.0	2.2	.2	47
07N/36E-30R01	06-23-82	87	106	0	10	4.8	.1	44
08N/30E-01N01	06-24-82	316	385	0	69	51	.4	42

Table 2. *Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Walla Walla County, Wash.--Continued					
06N/33E-03R01	06-23-82	378	0.49	--	110	--	83	--
06N/33E-08P01	07-13-82	306	4.8	--	130	--	5	--
06N/34E-07R01	06-23-82	414	.52	--	7	--	11	--
	08-13-83	355	<.10	3,500	9	--	16	--
06N/36E-04A03	06-22-82	267	2.7	--	<3	--	3	--
06N/36E-07E02	06-23-82	197	<.10	--	46	--	31	--
07N/31E-10R01	06-24-82	252	.47	--	18	--	3	--
07N/32E-07D01	06-24-82	281	<.10	--	10	--	10	--
07N/33E-35G01	06-23-82	1,470	14	--	40	--	30	--
07N/34E-21M03	06-23-82	269	.37	--	11	--	7	--
07N/34E-36B02	06-23-82	344	3.1	--	8	--	2	--
07N/35E-31B01	06-24-82	329	.93	--	17	--	70	--
07N/35E-32H02	06-24-82	336	5.2	--	14	--	66	--
07N/35E-33H03	06-23-82	199	.29	--	9	--	23	--
07N/35E-35C01	06-23-82	322	6.9	--	13	--	1	--
07N/36E-10B01	06-22-82	189	<.10	--	<3	--	2	--
07N/36E-27N04	06-22-82	194	1.8	--	<3	--	2	--
07N/36E-30R01	06-23-82	163	3.3	--	7	--	<1	--
08N/30E-01N01	06-24-82	580	9.1	--	5	--	2	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Walla Walla County, Wash.--Continued					
08N/30E-11A01	08-31-82	0920	405	8.6	18.0	0.0	--	28
	05-16-83	0930	560	8.3	17.5	.8	--	58
	07-22-83	1030	380	8.5	18.0	.1	--	21
08N/31E-21R01	08-30-82	1500	1,190	8.0	22.0	.0	--	490
08N/36E-21N01	08-14-83	0910	402	7.8	16.0	--	--	150
09N/30E-35R01	06-24-82	1130	565	7.3	16.0	--	<1	240
09N/31E-34P01	08-31-82	1200	901	8.3	16.0	--	--	350
	03-07-83	1345	940	7.8	15.5	--	--	350
	07-20-83	1600	920	7.8	15.5	--	--	360
09N/32E-20F01	08-31-82	1745	532	8.2	19.0	9.8	--	230
	04-08-83	0915	520	7.6	18.5	8.0	--	230
	07-20-83	1400	530	7.8	18.5	9.7	--	230
09N/37E-11P01	09-02-82	1115	253	7.4	15.0	9.7	--	110
	06-23-83	0945	258	7.5	15.0	9.4	--	120
			Wallowa County, Oreg.					
01N/42E-11CAC1	08-24-83	1030	220	7.8	11.5	1.5	--	92
02S/44E-03ACD1	08-25-83	0915	253	8.5	14.5	2.8	--	63
03N/46E-14ADA1	08-25-83	1305	125	8.8	9.0	--	--	48
05N/43E-03BBC1	08-24-83	1525	395	8.1	13.0	.9	--	130

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Walla Walla County, Wash.--Continued					
08N/30E-11A01	08-31-82	0	7.7	2.2	74	79	6	11
	05-16-83	--	16	4.3	72	69	4	10
	07-22-83	--	5.5	1.7	75	82	7	11
08N/31E-21R01	08-30-82	400	96	61	69	23	1	9.7
08N/36E-21N01	08-14-83	0	36	15	19	21	.7	5.7
09N/30E-35R01	06-24-82	0	67	17	31	22	.9	6.2
09N/31E-34P01	08-31-82	220	80	37	36	18	.8	8.2
	03-07-83	220	77	38	38	19	.9	8.3
	07-20-83	230	79	39	39	19	.9	8.6
09N/32E-20F01	08-31-82	81	46	28	17	14	.5	4.1
	04-08-83	97	46	29	17	13	.5	4.0
	07-20-83	97	46	29	17	13	.5	4.3
09N/37E-11P01	09-02-82	0	28	10	10	16	.4	2.7
	06-23-83	0	28	11	10	16	.4	2.6
			Wallowa County, Oreg.					
01N/42E-11CAC1	08-24-83	0	30	4.2	5.6	11	.3	3.3
02S/44E-03ACD1	08-25-83	0	22	1.9	21	40	1	4.6
03N/46E-14ADA1	08-25-83	0	14	3.1	4.2	15	.3	3.4
05N/43E-03BBC1	08-24-83	0	37	8.6	34	36	1	4.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Walla Walla County, Wash.--Continued				
08N/30E-11A01	08-31-82	168	182	11	5.0	26	2.6	62
	05-16-83	--	--	--	10	29	2.5	61
	07-22-83	--	--	--	.8	27	2.9	63
08N/31E-21R01	08-30-82	97	118	0	490	41	.7	61
08N/36E-21N01	08-14-83	175	213	0	6.8	5.7	.4	49
09N/30E-35R01	06-24-82	256	312	0	30	18	.4	38
09N/31E-34P01	08-31-82	134	163	0	89	90	.4	50
	03-07-83	129	157	0	88	99	.5	49
	07-20-83	129	157	0	86	110	.4	49
09N/32E-20F01	08-31-82	149	182	0	38	32	.5	59
	04-08-83	138	168	0	38	36	.6	58
	07-20-83	137	167	0	38	33	.5	59
09N/37E-11P01	09-02-82	125	152	0	<5.0	1.5	.3	56
	06-23-83	129	157	0	2.2	1.5	.3	55
				Wallowa County, Oreg.				
01N/42E-11CAC1	08-24-83	94	114	0	10	2.2	<.1	35
02S/44E-03ACD1	08-23-83	66	74	3	54	1.4	.2	37
03N/46E-14ADA1	08-25-83	66	73	4	1.4	.8	.1	32
03N/43E-03BBC1	08-24-83	196	239	0	5.4	1.7	.3	41

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Walla Walla County, Wash.--Continued					
08N/30E-11A01	08-31-82	291	<0.10	--	4	26	7	30
	05-16-83	309	.92	280	13	--	5	--
	07-22-83	281	<.10	--	6	--	6	--
8N/31E-21R01	08-30-82	890	.50	--	110	51	230	920
08N/36E-21N01	08-14-83	254	2.6	30	10	--	<1	--
09N/30E-35R01	06-24-82	381	4.6	--	19	--	9	--
09N/31E-34P01	08-31-82	587	26	--	4	18	2	830
	03-07-83	577	23	40	3	--	2	--
	07-20-83	603	26	--	7	--	2	--
09N/32E-20F01	08-31-82	368	12	--	<3	15	26	380
	04-08-83	364	12	20	6	--	<1	--
	07-20-83	362	12	--	16	--	3	--
09N/37E-11P01	09-02-82	--	1.0	--	27	11	4	92
	06-23-83	193	1.1	10	5	--	<1	--
			Wallowa County, Oreg.					
01N/42E-11CAC1	08-24-83	150	.71	<10	17	--	1	--
02S/44E-03ACD1	08-25-83	182	<.10	20	14	--	1	--
03N/46E-14ADA1	08-25-83	99	<.10	<10	30	--	8	--
05N/43E-03BBC1	08-24-83	250	.10	10	22	--	2	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Wasco County, Oreg.					
01N/12E-28DCD1	08-23-83	0930	450	7.9	31.5	0.3	--	62
01S/13E-34ABC1	08-12-83	1000	272	7.8	17.0	.3	--	57
02S/12E-15DAB1	08-23-83	1330	360	7.9	24.0	.3	--	76
			Whitman County, Wash.					
11N/45E-17E01	08-02-82	1340	422	9.2	17.5	.0	--	3
	03-26-83	1720	419	9.0	17.0	3.9	--	3
	08-25-83	1400	408	9.3	17.5	3.6	--	3
11N/46E-19D01	08-02-82	1130	312	7.6	14.0	6.3	--	110
	03-26-83	1445	300	7.8	14.5	4.3	--	110
	08-25-83	1300	282	7.6	14.0	6.2	--	110
13N/37E-15A01	08-06-82	1300	750	7.6	26.5	4.2	--	320
	03-29-83	1530	480	7.8	21.5	7.7	--	200
13N/38E-28K01	08-06-82	1030	298	7.8	14.5	7.6	--	130
	03-29-83	1510	292	7.7	14.0	--	--	130
	08-26-83	1215	270	7.6	15.0	--	--	130
13N/39E-07E01	08-05-82	1420	420	7.8	29.0	6.3	--	160
	03-29-83	1700	--	7.7	27.5	--	--	180
	08-26-83	1100	405	7.9	26.5	7.6	--	180
13N/40E-03E01	08-05-82	0845	350	7.7	18.5	7.0	--	140
	06-21-83	1445	366	7.6	19.0	8.1	--	150
	08-23-83	1030	335	7.2	18.0	--	--	140
13N/43E-02M01	08-02-82	1545	300	7.2	17.5	7.6	--	120
	06-23-83	1400	321	7.3	17.5	8.5	--	120
	08-24-83	1500	318	7.4	18.0	--	--	120
13N/45E-03P01	08-03-82	0830	400	7.2	10.5	2.3	--	180
	03-26-83	1105	395	7.1	10.5	3.4	--	180
	08-26-83	1200	412	7.0	11.0	1.8	--	190

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Wasco County, Oreg.					
01N/12E-28DCD1	08-23-83	0	15	6.0	78	68	4	13
01S/13E-34ABC1	08-12-83	0	14	5.3	30	51	2	5.1
02S/12E-15DAB1	08-23-83	0	16	8.8	51	57	3	6.6
			Whitman County, Wash.					
11N/45E-17E01	08-02-82	0	1.1	.07	91	95	23	5.1
	03-26-83	0	1.1	.08	95	95	24	5.3
	08-25-83	0	1.1	.03	93	95	24	5.4
11N/46E-19D01	08-02-82	2	34	7.2	18	25	.7	4.0
	03-26-83	0	31	6.8	20	28	.8	4.4
	08-25-83	0	31	6.8	17	25	.7	3.9
13N/37E-15A01	08-06-82	0	66	38	41	21	1	8.6
	03-29-83	0	44	23	28	22	.9	7.2
13N/38E-28K01	08-06-82	17	33	11	10	14	.4	4.4
	03-29-83	13	32	11	10	14	.4	4.3
	08-26-83	10	32	11	10	14	.4	4.3
13N/39E-07E01	08-05-82	56	36	16	19	20	.7	5.6
	03-29-83	76	42	19	19	18	.6	5.9
	08-26-83	71	41	18	20	19	.7	6.0
13N/40E-03E01	08-05-82	0	36	13	14	17	.5	4.9
	06-21-83	0	38	14	15	17	.5	4.9
	08-23-83	0	36	13	15	18	.5	5.3
13N/43E-02M01	08-02-82	0	28	11	19	26	.8	4.0
	06-23-83	0	28	12	19	25	.8	3.8
	08-24-83	0	30	12	18	23	.7	4.1
13N/45E-03P01	08-03-82	17	47	15	14	14	.5	1.9
	03-26-83	17	48	14	14	15	.5	1.7
	08-26-83	23	50	15	14	14	.4	1.8

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Wasco County, Oreg.					
01N/12E-28DC1	08-23-83	234	285	0	0.6	8.4	1.9	110
01S/13E-34ABC1	08-12-83	123	150	0	1.7	4.9	.7	64
02S/12E-15DAB1	08-23-83	177	216	0	2.6	11	1.1	80
			Whitman County, Wash.					
11N/45E-17E01	08-02-82	177	143	36	8.0	24	.4	52
	03-26-83	184	158	33	5.7	24	.4	53
	08-25-83	188	168	30	5.6	23	.4	52
11N/46E-19D01	08-02-82	112	137	0	30	10	.3	30
	03-26-83	114	139	0	29	9.5	.4	33
	08-25-83	113	138	0	24	8.7	.3	29
13N/37E-15AD1	08-06-82	373	455	0	22	14	.2	75
	03-29-83	244	298	0	18	11	.4	68
13N/38E-28K01	08-06-82	111	135	0	25	9.5	.3	45
	03-29-83	112	137	0	25	9.4	.3	42
	08-26-83	115	140	0	26	10	.3	43
13N/39E-07E01	08-05-82	100	122	0	28	28	.3	60
	03-29-83	107	131	0	30	38	.3	56
	08-26-83	106	129	0	27	34	.3	61
13N/40E-03E01	08-05-82	154	188	0	13	7.4	.4	55
	06-21-83	159	194	0	15	7.3	.4	54
	08-23-83	158	193	0	14	7.6	.4	55
13N/43E-02M01	08-02-82	139	169	0	9.0	2.8	.4	56
	06-23-83	144	175	0	10	2.6	.4	56
	08-24-83	153	187	0	10	3.5	.4	54
13N/45E-03P01	08-03-82	162	198	0	21	10	.2	53
	03-26-83	161	196	0	21	12	.2	52
	08-26-83	164	200	0	21	12	.2	53

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Wasco County, Oreg.					
01N/12E-28DCD1	08-23-83	373	<0.10	170	110	--	19	--
01S/13E-34ABC1	08-12-83	201	<.10	100	680	--	810	--
02S/12E-15DAB1	08-23-83	284	<.10	320	140	--	10	--
			Whitman County, Wash.					
11N/45E-17E01	08-02-82	288	<.10	--	14	27	1	3
	03-26-83	295	<.10	110	13	--	3	--
	08-25-83	293	<.10	--	12	--	2	--
11N/46E-19D01	08-02-82	204	.75	--	<3	12	<1	80
	03-26-83	205	.51	30	8	--	4	--
	08-25-83	193	.93	--	23	--	2	--
13N/37E-15A01	08-06-82	492	.74	--	<3	14	<1	330
	03-29-83	354	1.7	40	10	--	<1	--
13N/38E-28K01	08-06-82	209	.89	--	<3	8	<1	110
	03-29-83	205	.82	20	<3	--	1	--
	08-26-83	209	.85	--	<3	--	2	--
13N/39E-07E01	08-05-82	292	8.8	--	<3	11	3	130
	03-29-83	332	13	10	11	--	3	--
	08-26-83	315	10	--	10	--	<1	--
13N/40E-03E01	08-05-82	244	1.8	--	<3	20	2	120
	06-21-83	252	1.8	10	4	--	1	--
	08-23-83	249	1.7	--	<3	--	1	--
13N/43E-02M01	08-02-82	221	1.7	--	<3	17	1	75
	06-23-83	227	2.0	<10	5	--	2	--
	08-24-83	231	1.7	--	9	--	4	--
13N/45E-03P01	08-03-82	279	4.4	--	3	17	1	240
	03-26-83	277	3.9	<10	6	--	2	--
	08-26-83	287	4.9	--	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Whitman County, Wash.--Continued					
14N/39E-12G01	09-08-82	1230	430	7.9	15.0	7.6	--	180
	06-22-83	1130	421	7.7	15.0	8.5	--	180
14N/39E-14B01	08-05-82	1120	410	7.4	13.0	4.0	--	170
	03-28-83	1300	440	7.3	12.0	8.5	--	200
	08-23-83	1345	428	7.3	14.0	7.8	--	190
14N/40E-22D02	08-05-82	1645	370	8.0	18.5	7.1	--	150
	03-28-83	1150	371	7.8	18.5	8.1	--	150
14N/42E-04F01	08-03-82	0905	312	7.3	13.0	8.7	--	140
	03-28-83	1505	315	7.3	12.5	8.7	--	130
	08-23-83	1500	362	7.4	12.5	8.1	--	150
14N/42E-13B01	08-04-82	1030	685	7.1	15.5	4.3	--	300
	03-28-83	1710	616	7.0	15.0	5.3	--	260
	08-24-83	1200	576	7.1	15.5	5.6	--	240
14N/43E-24R01	08-04-82	1745	285	7.7	12.0	.2	--	130
	03-25-83	1640	313	6.9	11.0	.1	--	140
	08-24-83	1700	296	7.7	12.0	.2	--	130
14N/44E-14P02	06-21-82	1355	273	7.2	14.5	--	<1	110
14N/45E-04D01	08-03-82	1700	330	7.8	15.0	.1	--	110
	03-25-83	0950	321	7.7	14.5	.0	--	120
	08-26-83	1000	319	7.8	14.5	.1	--	120
14N/45E-05D03	06-22-82	0800	331	7.7	14.0	--	<1	130
14N/45E-08E01	06-22-82	0855	307	7.6	13.0	--	<1	120
14N/46E-05B01	08-03-82	1100	275	7.3	13.0	.2	--	120
	03-25-83	1415	272	7.2	13.0	.0	--	120
	08-25-83	0900	278	7.3	17.0	.1	--	110
14N/46E-19M01	06-21-82	1650	345	7.3	10.5	--	<1	160

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Whitman County, Wash.--Continued					
14N/39E-12G01	09-08-82	1	41	19	16	16	0.5	2.5
	06-22-83	3	42	18	15	15	.5	2.6
14N/39E-14B01	08-05-82	36	41	16	16	17	.5	2.8
	03-28-83	55	47	19	17	16	.5	2.8
	08-23-83	53	48	18	17	16	.5	2.8
14N/40E-22D02	08-05-82	0	35	15	17	20	.6	2.3
	03-28-83	2	37	15	17	19	.6	2.3
14N/42E-04F01	08-03-82	0	38	10	16	20	.6	1.2
	03-28-83	0	37	9.9	16	21	.6	1.2
	08-23-83	0	40	12	19	21	.7	1.5
14N/42E-13B01	08-04-82	30	74	27	31	18	.8	4.7
	03-28-83	9	64	25	29	19	.8	4.6
	08-24-83	0	59	22	27	19	.8	4.5
14N/43E-24R01	08-04-82	0	27	14	12	17	.5	3.0
	03-25-83	0	30	15	17	21	.6	2.6
	08-24-83	0	27	15	13	18	.5	3.0
14N/44E-14P02	06-21-82	0	24	12	18	26	.7	2.3
14N/45E-04D01	08-03-82	0	21	15	25	31	1	4.9
	03-25-83	0	22	16	27	32	1	4.7
	08-26-83	0	22	15	26	32	1	4.6
14N/45E-05D03	06-22-82	0	25	16	23	27	.9	4.5
14N/45E-08E01	06-22-82	0	24	14	20	26	.8	3.6
14N/46E-05B01	08-03-82	0	30	12	12	17	.5	3.3
	03-25-83	0	29	11	12	18	.5	3.0
	08-25-83	0	27	11	12	18	.5	3.2
14N/46E-19M01	06-21-82	0	36	16	14	16	.5	3.0

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Whitman County, Wash.--Continued					
14N/39E-12G01	09-08-82	180	219	0	19	12	0.3	48
	06-22-83	176	214	0	16	10	.3	44
14N/39E-14B01	08-05-82	132	161	0	40	18	.3	45
	03-28-83	141	172	0	40	25	.3	40
	08-23-83	141	172	0	43	28	.3	44
14N/40E-22D02	08-05-82	152	185	0	9.0	10	.4	43
	03-28-83	152	186	0	9.6	10	.4	42
14N/42E-04F01	08-03-82	158	193	0	<5.0	1.8	.4	42
	03-28-83	184	225	0	1.0	1.7	.4	40
	08-23-83	189	230	0	2.9	3.5	.4	42
14N/42E-13B01	08-04-82	266	325	0	45	8.7	.3	54
	03-28-83	253	309	0	32	8.1	.4	53
	08-24-83	245	299	0	29	8.6	.4	52
14N/43E-24R01	08-04-82	154	188	0	<5.0	1.7	.3	55
	03-25-83	165	201	0	6.1	1.9	.4	55
	08-24-83	162	198	0	4.1	1.8	.3	54
14N/44E-14P02	06-21-82	145	177	0	6.0	2.1	.4	58
14N/45E-04D01	08-03-82	180	219	0	<5.0	2.6	.5	65
	03-25-83	178	217	0	.7	2.5	.5	66
	08-26-83	181	221	0	1.2	2.7	.5	65
14N/45E-05D03	06-22-82	169	206	0	8.0	4.9	.4	62
14N/45E-08E01	06-22-82	164	200	0	6.0	2.6	.4	63
14N/46E-05B01	08-03-82	143	174	0	<5.0	1.7	.3	52
	03-25-83	144	176	0	5.3	1.6	.3	50
	08-25-83	155	189	0	2.7	1.8	.4	44
14N/46E-19M01	06-21-82	176	215	0	11	4.0	.3	47

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Whitman County, Wash.--Continued					
14N/39E-12G01	09-08-82	280	3.2	--	3	<4	2	210
	06-22-83	266	3.0	<10	7	--	3	--
14N/39E-14B01	08-05-82	277	4.2	--	<3	20	12	170
	03-28-83	293	4.0	<10	42	--	2	--
	08-23-83	306	4.5	--	10	--	3	--
14N/40E-22D02	08-05-82	252	6.5	--	8	22	3	140
	03-28-83	249	5.5	<10	<3	--	2	--
14N/42E-04F01	08-03-82	--	2.1	--	<3	9	<1	150
	03-28-83	227	2.1	<10	<3	--	3	--
	08-23-83	246	2.7	--	6	--	2	--
14N/42E-13B01	08-04-82	471	15	--	<3	18	<1	250
	03-28-83	417	11	160	5	--	2	--
	08-24-83	392	9.7	--	5	--	1	--
14N/43E-24R01	08-04-82	--	<.10	--	67	21	18	100
	03-25-83	228	.19	<10	36	--	17	--
	08-24-83	216	<.10	--	75	--	16	--
14N/44E-14P02	06-21-82	210	.12	--	5	--	6	--
14N/45E-04D01	08-03-82	--	<.10	--	250	26	65	170
	03-25-83	246	<.10	10	270	--	67	--
	08-26-83	246	<.10	--	260	--	63	--
14N/45E-05D03	06-22-82	245	<.10	--	220	--	46	--
14N/45E-08E01	06-22-82	232	<.10	--	330	--	44	--
14N/46E-05B01	08-03-82	--	<.10	--	310	8	21	180
	03-25-83	199	<.10	<10	370	--	22	--
	08-25-83	196	<.10	--	760	--	25	--
14N/46E-19M01	06-21-82	239	<.10	--	1,900	--	200	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Whitman County, Wash.--Continued					
15N/40E-19K01	08-04-82	1040	412	7.5	16.5	8.5	--	190
	03-28-83	1500	410	7.5	14.0	8.2	--	190
	08-23-83	1015	399	7.7	16.5	8.0	--	190
15N/43E-09P01	08-04-82	1400	285	8.0	14.0	2.3	--	120
	03-25-83	1145	285	7.9	14.0	1.2	--	120
	08-25-83	1530	290	8.1	14.0	3.0	--	120
15N/43E-13H01	08-04-82	1545	225	7.4	12.5	6.3	--	91
	03-25-83	1000	225	7.0	11.5	6.8	--	92
15N/45E-07R03	06-21-82	1115	233	7.3	11.0	--	<1	110
15N/45E-29G03	06-21-82	1225	392	7.6	14.5	--	<1	160
15N/45E-32N02	08-03-82	1400	300	7.9	15.5	.1	--	110
	03-25-83	1130	303	7.6	15.0	.0	--	120
	08-25-83	1000	301	7.7	15.5	.1	--	110
16N/39E-22J01	08-04-82	1230	260	8.4	17.5	.8	--	31
	03-28-83	1630	260	8.4	15.5	.2	--	34
	08-24-83	1200	248	8.6	16.0	.4	--	32
16N/41E-16K01	08-03-82	1720	510	7.3	14.0	6.6	--	220
	03-24-83	1200	579	7.2	12.0	7.9	--	210
	08-23-83	1715	422	7.5	12.5	7.5	--	210
16N/42E-28M01	08-02-82	1905	312	7.9	14.0	.2	--	110
	06-22-83	0955	318	8.1	14.0	.2	--	120
16N/42E-34L01	08-02-82	1510	339	7.4	14.0	6.3	--	140
	03-24-83	1330	325	7.4	11.5	5.5	--	140
	08-24-83	1130	330	7.4	13.0	5.5	--	130
16N/43E-14N02	08-02-82	1040	290	7.9	21.0	.6	--	98
	03-24-83	1030	270	7.7	20.0	.6	--	98
	08-25-83	0900	279	7.9	21.0	.1	--	95

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Whitman County, Wash.--Continued					
15N/40E-19K01	08-04-82	41	50	16	11	11	0.3	1.8
	03-28-83	38	50	16	12	12	.4	1.8
	08-23-83	60	50	17	12	12	.4	1.8
15N/43E-09P01	08-04-82	0	27	12	17	23	.7	3.4
	03-25-83	0	27	12	17	23	.7	3.6
	08-25-83	0	27	13	17	23	.7	3.5
15N/43E-13H01	08-04-82	--	24	7.6	12	22	.5	1.5
	03-25-83	0	24	7.7	12	22	.5	1.5
15N/45E-07R03	06-21-82	0	27	9.5	10	17	.4	1.6
15N/45E-29G03	06-21-82	3	30	20	24	24	.8	4.5
15N/45E-32N02	08-03-82	0	22	14	23	30	.9	4.2
	03-25-83	0	22	15	23	29	.9	3.9
	08-25-83	0	21	14	23	30	1	4.2
16N/39E-22J01	08-04-82	--	10	1.4	45	71	4	7.6
	03-28-83	--	11	1.6	46	70	3	7.7
	08-24-83	0	11	1.2	46	70	4	8.0
16N/41E-16K01	08-03-82	0	58	18	25	20	.7	1.9
	03-24-83	0	54	18	24	20	.7	1.8
	08-23-83	0	55	17	21	18	.6	1.8
16N/42E-28M01	08-02-82	0	27	11	23	29	.9	5.5
	06-22-83	0	28	11	23	29	.9	5.2
16N/42E-34L01	08-02-82	0	38	11	19	22	.7	1.8
	03-24-83	0	37	11	18	22	.7	1.8
	08-24-83	0	34	12	18	22	.7	2.2
16N/43E-14N02	08-02-82	0	21	11	23	33	1	3.6
	03-24-83	0	21	11	23	33	1	3.7
	08-25-83	0	20	11	24	34	1	3.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Whitman County, Wash.--Continued				
15N/40E-19K01	08-04-82	150	183	0	15	10	0.3	40
	03-28-83	152	186	0	17	14	.3	39
	08-23-83	135	165	0	20	18	.3	40
15N/43E-09P01	08-04-82	149	182	0	11	1.7	.4	56
	03-25-83	152	186	0	12	1.8	.4	54
	08-25-83	148	181	0	12	1.7	.4	55
15N/43E-13H01	08-04-82	--	--	--	<5.0	3.4	.2	55
	03-25-83	99	121	0	2.4	3.5	.2	53
15N/45E-07R03	06-21-82	130	158	0	6.0	.9	.2	55
15N/45E-29G03	06-21-82	154	188	0	53	2.6	.4	63
15N/45E-32N02	08-03-82	162	198	0	<5.0	2.9	.4	63
	03-25-83	166	203	0	2.1	2.6	.4	60
	08-25-83	169	206	0	2.2	2.7	.4	62
16N/39E-22J01	08-04-82	130	--	--	8.0	3.3	.8	45
	03-28-83	132	--	--	7.7	3.3	.9	46
	08-24-83	134	157	3	8.0	3.2	.9	47
16N/41E-16K01	08-03-82	219	267	0	19	15	.3	43
	03-24-83	231	282	0	19	15	.3	44
	08-23-83	226	275	0	17	15	.4	43
16N/42E-28M01	08-02-82	161	196	0	7.0	2.7	.4	61
	06-22-83	161	196	0	7.1	2.5	.4	61
16N/42E-34L01	08-02-82	162	188	0	<5.0	2.9	.3	45
	03-24-83	--	198	0	4.9	3.0	.3	43
	08-24-83	163	199	0	4.8	2.8	.4	43
16N/43E-14N02	08-02-82	141	172	0	5.0	2.2	.5	67
	03-24-83	144	176	0	5.5	2.1	.4	64
	08-25-83	147	179	0	4.9	2.2	.5	65

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Whitman County, Wash.--Continued					
15N/40E-19K01	08-04-82	273	8.8	--	<3	9	2	210
	03-28-83	281	8.9	<10	14	--	<1	--
	08-23-83	282	9.4	--	11	--	3	--
15N/43E-09P01	08-04-82	218	<.10	--	48	20	2	88
	03-25-83	219	<.10	<10	16	--	<1	--
	08-25-83	219	<.10	--	14	--	<1	--
15N/43E-13H01	08-04-82	--	3.5	--	4	9	<1	110
	03-25-83	180	3.7	<10	6	--	<1	--
15N/45E-07R03	06-21-82	189	.20	--	<3	--	1	--
15N/45E-29G03	06-21-82	290	<.10	--	180	--	71	--
15N/45E-32N02	08-03-82	--	<.10	--	250	16	45	140
	03-25-83	229	<.10	<10	280	--	48	--
	08-25-83	231	<.10	--	270	--	47	--
16N/39E-22J01	08-04-82	198	.14	--	<3	18	11	30
	03-28-83	205	.21	20	18	--	<1	--
	08-24-83	206	<.10	--	7	--	1	--
16N/41E-16K01	08-03-82	346	7.8	--	<3	8	30	250
	03-24-83	315	--	30	4	--	3	--
	08-23-83	328	5.2	--	6	--	2	--
16N/42E-28M01	08-02-82	234	<.10	--	72	31	--	80
	06-22-83	235	<.10	10	88	--	36	--
16N/42E-34L01	08-02-82	--	4.0	--	8	14	29	150
	03-24-83	233	3.8	<10	23	--	<1	--
	08-24-83	228	2.9	--	3	--	<1	--
16N/43E-14N02	08-02-82	218	<.10	--	30	28	22	82
	03-24-83	217	<.10	10	59	--	18	--
	08-25-83	219	<.10	--	44	--	21	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Whitman County, Wash.--Continued					
16N/43E-17A01	08-02-82	1300	255	7.3	13.0	5.7	--	120
	03-29-83	0930	243	7.3	12.0	6.5	--	120
	08-24-83	0930	248	7.4	13.0	6.3	--	110
16N/44E-26J01	08-03-82	0820	196	6.8	11.0	--	--	80
16N/45E-16F01	06-22-82	1145	277	7.4	13.0	--	<1	120
17N/40E-20K01	08-04-82	1520	750	7.1	15.5	8.7	--	280
	03-24-83	1450	715	7.4	11.5	8.4	--	260
	08-23-83	1530	622	7.4	12.5	8.3	--	260
17N/41E-09E01	08-03-82	1550	382	7.7	15.5	6.2	--	160
	03-25-83	1045	378	7.3	13.0	7.5	--	160
	08-24-83	1000	352	7.7	13.5	7.2	--	160
17N/41E-30R01	08-03-82	1420	442	7.3	15.0	5.3	--	190
	03-29-83	1330	429	7.3	14.0	8.4	--	180
	08-25-83	1330	440	7.6	14.5	7.4	--	180
17N/42E-01F01	08-03-82	1055	242	7.1	12.5	6.9	--	110
	03-23-83	1400	238	7.3	12.0	8.4	--	96
	08-22-83	1530	252	7.4	13.0	7.1	--	110
17N/43E-29N01	08-02-82	1745	298	7.7	18.0	.4	--	110
	03-24-83	0940	297	7.3	17.5	.3	--	110
	08-24-83	1330	296	7.9	18.5	.5	--	110
17N/44E-11L01	08-02-82	1720	259	7.2	11.5	2.5	--	110
	03-24-83	1530	250	7.3	10.5	3.0	--	110
	08-25-83	1030	279	7.2	11.0	3.8	--	120
17N/45E-04C01	08-02-82	1445	279	7.6	14.0	.1	--	100
	03-23-83	1600	263	7.5	14.0	.1	--	110
	08-24-83	1600	272	7.7	14.0	.0	--	100
18N/41E-04E01	08-04-82	1700	358	7.3	15.0	8.5	--	160
	03-23-83	1430	344	7.3	15.0	8.6	--	160
	08-25-83	1105	362	7.4	16.5	6.5	--	190

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Whitman County, Wash.--Continued					
16N/43E-17A01	08-02-82	0	32	9.3	8.2	13	0.3	1.7
	03-29-83	0	31	9.2	8.1	13	.3	1.6
	08-24-83	0	30	9.1	8.1	13	.3	1.8
16N/44E-26J01	08-03-82	0	21	6.6	9.1	20	.4	1.2
16N/45E-16F01	06-22-82	0	24	14	13	19	.5	3.0
17N/40E-20K01	08-04-82	0	74	24	54	29	1	5.9
	03-24-83	0	64	24	58	32	2	6.0
	08-23-83	0	67	22	56	32	2	5.1
17N/41E-09E01	08-03-82	0	41	15	17	18	.6	3.1
	03-25-83	0	40	15	17	18	.6	3.2
	08-24-83	0	41	15	17	18	.6	3.0
17N/41E-30R01	08-03-82	0	50	15	24	22	.8	2.6
	03-29-83	0	49	15	25	22	.8	2.6
	08-25-83	0	46	15	24	22	.8	2.7
17N/42E-01F01	08-03-82	0	28	9.2	10	16	.4	2.0
	03-23-83	0	26	7.6	12	21	.5	1.5
	08-22-83	0	28	9.8	10	16	.4	2.4
17N/43E-29N01	08-02-82	0	24	13	21	28	.9	3.1
	03-24-83	0	24	13	21	28	.9	3.0
	08-24-83	0	23	13	22	29	.9	3.2
17N/44E-11L01	08-02-82	0	26	11	8.9	15	.4	3.1
	03-24-83	0	26	11	9.0	15	.4	3.1
	08-25-83	0	29	12	10	15	.4	3.2
17N/45E-04C01	08-02-82	0	22	11	19	28	.8	3.3
	03-23-83	0	23	12	19	27	.8	3.5
	08-24-83	0	22	12	19	28	.8	3.5
18N/41E-04E01	08-04-82	8	44	11	9.6	12	.3	2.2
	03-23-83	17	44	12	9.7	12	.3	2.4
	08-25-83	34	54	14	11	11	.3	2.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Whitman County, Wash.--Continued					
16N/43E-17A01	08-02-82	125	153	0	<5.0	3.3	0.1	54
	03-29-83	127	155	0	1.7	2.6	.1	52
	08-24-83	126	154	0	1.5	2.7	.2	51
16N/44E-26J01	08-03-82	89	109	0	<5.0	1.2	.2	50
16N/45E-16F01	06-22-82	150	183	0	7.0	2.3	.4	57
17N/40E-20K01	08-04-82	333	406	0	38	18	.2	44
	03-24-83	343	418	0	25	13	.3	45
	08-23-83	294	358	0	29	19	.3	46
17N/41E-09E01	08-03-82	172	210	0	7.0	4.4	.3	46
	03-25-83	184	225	0	6.9	4.4	.4	45
	08-24-83	173	211	0	6.8	4.5	.4	45
17N/41E-30R01	08-03-82	201	245	0	12	8.8	.3	48
	03-29-83	202	247	0	11	8.6	.4	47
	08-25-83	202	246	0	12	8.9	.4	46
17N/42E-01F01	08-03-82	118	144	0	<5.0	2.9	.2	50
	03-23-83	122	149	0	.8	2.9	.2	47
	08-22-83	121	148	0	1.2	2.8	.2	49
17N/43E-29N01	08-02-82	152	185	0	9.0	2.3	.4	59
	03-24-83	149	182	0	8.9	2.2	.5	58
	08-24-83	150	183	0	8.8	2.5	.6	59
17N/44E-11L01	08-02-82	114	139	0	10	7.1	.3	44
	03-24-83	115	140	0	10	6.8	.3	43
	08-25-83	128	156	0	5.1	6.7	.3	46
17N/45E-04C01	08=02-82	143	174	0	<5.0	3.2	.4	60
	03-23-83	146	178	0	2.9	3.1	.4	59
	08-24-83	145	177	0	2.3	3.1	.5	61
18N/41E-04E01	08-04-82	148	180	0	<5.0	7.5	.2	50
	03-23-83	143	174	0	5.8	10	.2	48
	08-25-83	158	193	0	14	21	.3	49

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Whitman County, Wash.--Continued					
16N/43E-17A01	08-02-82	--	1.4	--	5	11	5	150
	03-29-83	187	.98	<10	5	--	6	--
	08-24-83	185	1.1	--	<3	--	1	--
16N/44E-26J01	08-03-82	--	3.6	--	<3	10	9	93
16N/45E-16F01	06-22-82	211	<.10	--	500	--	47	--
17N/40E-20K01	08-04-82	471	3.0	--	<3	16	2	280
	03-24-83	452	2.5	30	18	--	4	--
	08-23-83	433	2.8	--	9	--	3	--
17N/41E-09E01	08-03-82	254	3.8	--	<3	16	4	150
	03-25-83	260	3.9	<10	3	--	2	--
	08-24-83	255	4.1	--	6	--	2	--
17N/41E-30R01	08-03-82	300	4.2	--	<3	5	450	210
	03-29-83	297	3.9	<10	15	--	1	--
	08-25-83	294	4.1	--	<3	--	<1	--
17N/42E-01F01	08-03-82	--	3.3	--	<3	<4	7	120
	03-23-83	185	3.1	<10	3	--	7	--
	08-22-83	191	3.3	--	<3	--	1	--
17N/43E-29N01	08-02-82	224	.31	--	<3	23	17	100
	03-24-83	223	.58	20	<3	--	10	--
	08-24-83	225	.56	--	5	--	10	--
17N/44E-11L01	08-02-82	184	1.1	--	<3	13	<1	90
	03-24-83	182	.89	<10	20	--	2	--
	08-25-83	194	1.2	--	6	--	2	--
17N/45E-04C01	08-02-82	--	<.10	--	460	16	26	110
	03-23-83	211	<.10	<10	420	--	26	--
	08-24-83	212	.14	--	460	--	25	--
18N/41E-04E01	08-04-82	--	5.0	--	<3	9	<1	190
	03-23-83	238	4.5	<10	4	--	10	--
	08-25-83	297	8.3	--	11	--	4	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./ 100 mL)	Hardness (mg/L as $CaCO_3$)
			Whitman County, Wash.--Continued					
18N/42E-23B01	08-03-82	0925	254	7.5	15.0	5.5	--	110
	03-24-83	1050	245	7.5	13.5	6.4	--	110
	08-23-83	1600	245	7.5	16.0	6.1	--	110
18N/43E-32B01	08-02-82	1140	274	7.2	13.5	7.9	--	110
	03-23-83	1550	277	7.0	12.5	8.3	--	110
	08-22-83	1700	275	7.2	13.0	8.0	--	100
18N/43E-35P03	08-03-82	1225	388	6.9	12.5	.7	--	110
	03-23-83	1715	420	6.9	11.0	1.3	--	110
	08-23-83	1730	412	7.0	12.5	1.1	--	170
19N/40E-02B01	08-06-82	0930	280	8.0	19.5	.2	--	82
	03-23-83	1630	293	7.6	14.0	.4	--	130
	08-25-83	1640	275	7.8	14.5	.8	--	130
19N/41E-36Q02D1	08-05-82	1200	290	7.8	14.5	.3	--	130
	03-23-83	1630	293	7.6	14.0	.4	--	130
	08-25-83	1640	275	7.8	14.5	.8	--	130
19N/42E-15B01	08-04-82	1400	365	7.0	11.0	6.2	--	110
	03-24-83	1630	376	6.5	9.5	4.9	--	120
	08-24-83	1500	370	6.9	11.5	5.4	--	120
19N/42E-19H01	08-04-82	1200	295	8.0	19.5	.1	--	94
	03-24-83	1250	290	8.1	18.0	.1	--	94
	08-25-83	1000	268	7.9	18.5	.2	--	94
19N/44E-21M01	06-21-82	0825	222	6.9	11.0	--	<1	96
19N/44E-22F01	08-03-82	1030	232	7.2	13.0	4.1	--	97
	03-23-83	1400	220	7.1	10.5	4.1	--	97
	08-23-83	1330	230	7.2	12.5	4.8	--	95
20N/39E-12N02	08-05-82	1610	214	7.7	14.0	4.1	--	90
	03-23-83	1015	252	7.4	6.0	4.2	--	97
	08-25-83	1345	--	7.7	15.5	3.9	--	88

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Whitman County, Wash.--Continued					
18N/42E-23B01	08-03-82	0	29	8.4	8.4	14	0.4	2.4
	03-24-83	0	29	8.8	8.5	14	.4	2.5
	08-23-83	0	28	8.7	8.7	15	.4	2.5
18N/43E-32B01	08-02-82	0	30	8.2	15	23	.6	2.1
	03-23-83	0	29	8.4	15	23	.6	2.2
	08-22-83	0	28	8.5	15	23	.6	2.2
18N/43E-35P03	08-03-82	0	43	14	21	21	.7	2.4
	03-23-83	0	46	14	24	22	.8	12
	08-23-83	0	43	15	23	23	.8	2.3
19N/40E-02B01	08-06-82	0	19	8.4	29	42	1	4.1
	03-23-83	0	24	11	27	35	1	4.7
	08-22-83	0	19	8.4	28	41	1	4.0
19N/41E-36Q02D1	08-05-82	0	28	14	15	20	.6	3.1
	03-23-83	0	27	14	15	20	.6	3.1
	08-25-83	0	27	14	16	21	.6	3.0
19N/42E-15B01	08-04-82	0	29	8.2	36	42	2	1.8
	03-24-83	0	32	9.2	37	40	1	2.0
	08-24-83	0	34	9.4	38	40	1	1.9
19N/42E-19H01	08-04-82	0	21	10	28	38	1	3.5
	03-24-83	0	21	10	28	38	1	3.5
	08-25-83	0	21	10	27	37	1	3.4
19N/44E-21M01	06-21-82	0	26	7.6	11	20	.5	1.6
19N/44E-22F01	08-03-82	0	25	8.3	11	19	.5	2.1
	03-23-83	0	25	8.4	11	19	.5	2.1
	08-23-83	0	24	8.5	11	20	.5	2.2
20N/39E-12N02	08-05-82	0	23	8.0	13	23	.6	2.4
	03-23-83	0	23	9.6	13	22	.6	2.9
	08-25-83	0	22	8.1	13	24	.6	2.6

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Whitman County, Wash.--Continued					
18N/42E-23B01	08-03-82	124	151	0	<5.0	2.3	0.2	53
	03-24-83	125	152	0	2.0	2.2	.2	53
	08-23-83	125	152	0	1.7	2.2	.3	53
18N/43E-32B01	08-02-82	121	148	0	<5.0	2.5	.2	50
	03-23-83	129	158	0	1.8	2.4	.2	49
	08-22-83	126	154	0	1.4	2.3	.3	49
18N/43E-35P03	08-03-82	176	215	0	16	4.4	.2	47
	03-23-83	193	235	0	19	14	.2	46
	08-23-83	190	232	0	20	4.8	.2	47
19N/40E-02B01	08-06-82	148	180	0	<5.0	3.1	.7	62
	03-23-83	144	176	0	26	2.8	.6	54
	08-22-83	146	178	0	3.3	3.0	.8	61
19N/41E-36Q02D1	08-05-82	161	196	0	<5.0	2.2	.4	57
	03-23-83	172	210	0	2.8	2.2	.4	54
	08-25-83	164	200	0	2.8	2.2	.4	60
19N/42E-15B01	08-04-82	145	177	0	12	5.9	.3	44
	03-24-83	159	194	0	15	6.9	.3	44
	08-24-83	153	187	0	20	6.6	.4	45
19N/42E-19H01	08-04-82	156	190	0	<5.0	2.4	.7	54
	03-24-83	159	194	0	.7	3.5	.7	54
	08-25-83	157	191	0	.4	2.3	.8	54
19N/44E-21M01	06-21-82	107	131	0	8.0	2.9	.3	54
19N/44E-22F01	08-03-82	117	143	0	<5.0	1.7	.2	53
	03-23-83	119	145	0	1.8	1.6	.2	51
	08-23-83	118	144	0	1.2	1.5	.2	53
20N/39E-12N02	08-05-82	117	143	0	<5.0	2.0	.2	44
	03-23-83	130	158	0	8.4	2.5	.3	41
	08-25-83	118	144	0	3.7	1.9	.3	43

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Whitman County, Wash.--Continued					
18N/42E-23B01	08-03-82	--	1.4	--	<3	13	<1	120
	03-24-83	188	1.5	<10	<3	--	1	--
	08-23-83	186	1.4	--	5	--	<1	--
18N/43E-32B01	08-02-82	--	4.4	--	<3	11	<1	130
	03-23-83	206	4.6	<10	<3	--	4	--
	08-22-83	203	4.6	--	<3	--	<1	--
18N/43E-35P03	08-03-82	267	3.0	--	72	10	36	190
	03-23-83	310	4.3	60	10	--	23	--
	08-23-83	284	3.3	--	17	--	23	--
19N/40E-02B01	08-06-82	--	<.10	--	19	33	23	60
	03-23-83	237	.12	10	39	--	130	--
	08-22-83	215	<.10	--	41	--	25	--
19N/41E-36Q02D1	08-05-82	--	<.10	--	<3	21	13	78
	03-23-83	222	<.10	<10	6	--	7	--
	08-25-83	225	.17	--	10	--	10	--
19N/42E-15B01	08-04-82	256	7.2	--	<3	13	2	130
	03-24-83	268	6.0	<10	4	--	7	--
	08-24-83	281	7.7	--	5	--	2	--
19N/42E-19H01	08-04-82	--	<.10	--	54	28	13	78
	03-24-83	217	<.10	10	65	--	15	--
	08-25-83	213	<.10	--	65	--	13	--
19N/44E-21M01	06-21-82	185	2.0	--	3	--	2	--
19N/44E-22F01	08-03-82	--	1.0	--	<3	8	3	120
	03-23-83	177	1.1	<10	16	--	6	--
	08-23-83	177	1.1	--	4	--	5	--
20N/39E-12N02	08-05-82	--	.46	--	<3	10	2	89
	03-23-83	180	.43	10	<3	--	9	--
	08-25-83	167	.45	--	22	--	2	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Whitman County, Wash.--Continued					
20N/39E-32A01D1	08-06-82	1210	399	8.2	16.0	1.0	--	130
	08-25-83	1250	332	8.2	16.5	.6	--	110
20N/42E-19J01	08-05-82	0915	279	6.8	12.0	5.0	--	120
	03-24-83	1450	269	6.7	11.0	3.2	--	110
	08-24-83	1600	280	6.9	12.0	6.8	--	130
20N/43E-10R01	08-03-82	1220	316	7.4	13.0	.3	--	120
	03-23-83	1000	278	7.4	8.0	.1	--	110
	08-23-83	1045	278	7.7	12.5	.1	--	110
20N/44E-12M01	08-03-82	1510	328	7.2	11.0	3.4	--	130
	03-23-83	1200	308	7.0	10.5	5.5	--	130
	08-23-83	1200	315	7.1	11.5	8.2	--	120
			Yakima County, Wash.					
07N/22E-09E01	03-29-82	1715	385	7.4	14.5	--	<1	170
	04-19-84	0930	356	7.4	14.0	--	--	160
07N/22E-36H01	03-29-82	1600	275	7.7	15.5	--	<1	67
07N/23E-36R01	03-31-82	1150	330	8.3	19.0	--	<1	33
08N/22E-01G03	08-21-82	1000	705	7.9	15.5	--	--	270
	04-11-83	1130	700	7.7	15.0	--	--	290
	07-19-83	1630	705	7.9	15.5	--	--	270
08N/22E-03K01	07-12-82	1945	740	7.9	17.0	--	<1	260
08N/22E-12N01	06-10-82	1530	675	7.7	16.5	--	<1	280
08N/23E-11M01D1	09-02-82	1400	358	7.6	15.5	7.1	--	150
	04-11-83	1230	390	7.6	14.5	6.3	--	170
	07-19-83	1800	350	7.8	17.0	7.4	--	140
09N/21E-17C01	06-11-82	1130	208	7.2	15.0	--	<1	95

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Whitman County, Wash.--Continued					
20N/39E-32A01D1	08-06-82	0	29	13	36	37	1	7.8
	08-25-83	0	26	12	31	35	1	7.5
20N/42E-19J01	08-05-82	23	30	10	9.8	15	.4	3.1
	03-24-83	24	29	9.9	10	16	.4	3.3
	08-24-83	20	33	11	10	14	.4	3.5
20N/43E-10R01	08-03-82	0	26	13	20	26	.8	1.8
	03-23-83	0	25	12	19	27	.8	1.8
	08-23-83	0	23	12	19	27	.8	2.1
20N/44E-12M01	08-03-82	16	35	11	16	21	.6	.90
	03-23-83	11	34	11	16	21	.6	1.0
	08-23-83	2	31	10	16	23	.6	1.0
			Yakima County, Wash.					
07N/22E-09E01	03-29-82	0	40	16	20	21	.7	1.9
	04-19-84	--	39	16	18	19	.6	2.1
07N/22E-36H01	03-29-82	0	14	7.8	27	42	1	12
07N/23E-36R01	03-31-82	0	9.0	2.5	58	71	4	15
08N/22E-01G03	08-21-82	44	68	25	36	22	.9	3.9
	04-11-83	55	70	27	37	22	1	3.8
	07-19-83	42	65	26	36	22	1	3.7
08N/22E-03K01	07-12-82	100	64	25	38	24	1	3.2
08N/22E-12N01	06-10-82	130	70	26	27	17	.7	5.5
08N/23E-11M01D1	09-02-82	0	36	14	19	21	.7	4.8
	04-11-83	0	45	15	20	19	.7	4.8
	07-19-83	0	38	12	18	21	.7	5.1
09N/21E-17C01	06-11-82	2	24	8.6	8.5	16	.4	2.1

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Whitman County, Wash.--Continued					
20N/39E-32A01D1	08-06-82	186	227	0	20	5.7	0.4	44
	08-25-83	180	219	0	21	4.6	.5	44
20N/42E-19J01	08-05-82	94	114	0	19	9.3	.2	42
	03-24-83	89	109	0	24	6.2	.2	42
	08-24-83	107	131	0	17	8.7	.2	43
20N/43E-10R01	08-03-82	152	185	0	6.0	4.1	.4	49
	03-23-83	148	180	0	5.5	4.0	.4	45
	08-23-83	144	175	0	2.8	3.1	.5	49
20N/44E-12M01	08-03-82	117	143	0	14	8.6	.3	48
	03-23-83	119	145	0	10	7.8	.3	48
	08-23-83	116	142	0	19	6.9	.4	46
			Yakima County, Wash.					
07N/22E-09E01	03-29-82	166	202	0	20	13	.3	56
	04-19-84	--	--	--	20	14	.5	54
07N/22E-36H01	03-29-82	115	140	0	21	7.0	.3	53
07N/23E-36R01	03-31-82	172	210	0	6.0	8.4	.3	57
08N/22E-01G03	08-21-82	230	280	0	67	21	.5	51
	04-11-83	231	282	0	71	18	.6	50
	07-19-83	227	277	0	80	21	.5	50
08N/22E-03K01	07-12-82	162	198	0	74	27	.9	61
08N/22E-12N01	06-10-82	149	182	0	120	21	.5	66
08N/23E-11M01D1	09-02-82	184	225	0	10	3.7	.4	66
	04-11-83	203	248	0	10	3.6	.4	62
	07-19-83	171	208	0	11	3.7	.3	64
09N/21E-17C01	06-11-82	94	114	0	13.	7.0	.2	44

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Whitman County, Continued					
20N/39E-32A01D1	08-06-82	268	<0.10	--	4	31	10	98
	08-25-83	254	<.10	--	11	--	12	--
20N/42E-19J01	08-05-82	204	5.6	--	<3	11	5	120
	03-24-83	194	3.5	<10	9	--	5	--
	08-24-83	211	4.6	--	6	--	1	--
20N/43E-10R01	08-03-82	219	1.8	--	<3	20	2	99
	03-23-83	202	.17	10	20	--	10	--
	08-23-83	198	<.10	--	7	--	6	--
20N/44E-12M01	08-03-82	234	6.8	--	<3	12	2	160
	03-23-83	234	7.9	<10	4	--	<1	--
	08-23-83	220	4.4	--	3	--	2	--
			Yakima County, Wash.					
07N/22E-09E01	03-29-82	271	1.0	--	9	--	3	--
	04-19-84	262	--	--	4	9	<1	170
07N/22E-36H01	03-29-82	211	<.10	--	84	--	100	--
07N/23E-36R01	03-31-82	260	<.10	--	130	--	19	--
08N/22E-01G03	08-21-82	464	12	--	<3	15	3	410
	04-11-83	465	11	30	16	--	26	--
	07-19-83	467	11	--	4	--	<1	--
08N/22E-03K01	07-12-82	488	22	--	11	--	2	--
08N/22E-12N01	06-10-82	492	15	--	7	--	2	--
08N/23E-11M01D1	09-02-82	267	.49	--	5	12	2	190
	04-11-83	285	.56	20	8	--	<1	--
	07-19-83	257	.52	--	5	--	1	--
09N/21E-17C01	06-11-82	165	.27	--	8	--	3	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Yakima County, Wash.--Continued					
09N/21E-25J03	09-03-82	1700	430	7.8	17.5	0.4	--	180
	04-12-83	1045	454	7.9	17.0	.4	--	200
	07-20-83	1000	480	7.8	17.0	.4	--	200
09N/22E-10R01	06-10-82	1150	310	7.7	16.0	--	<1	110
09N/22E-12P01	08-19-82	1115	283	7.8	21.0	.1	--	77
09N/23E-25G01	06-10-82	1705	550	7.7	14.0	--	<1	210
09N/23E-31F01	09-02-82	1730	--	8.0	19.0	.7	--	89
10N/16E-20E01D1	08-18-82	1800	285	7.3	16.0	4.6	--	120
	07-14-83	1055	272	7.1	16.0	4.4	--	120
10N/17E-04F01	08-18-82	1440	185	7.0	15.0	5.4	--	75
	04-12-83	0930	175	7.2	12.5	5.0	--	75
	07-14-83	0925	181	7.1	13.0	5.0	--	71
10N/17E-07R01	06-09-82	1350	152	7.1	12.5	--	<1	65
10N/18E-31N01	08-18-82	1205	340	7.8	22.0	.5	--	110
	07-14-83	1255	347	7.8	24.0	--	--	110
10N/20E-04L01	06-10-82	1630	200	7.9	25.0	--	<1	57
10N/20E-19J01	06-10-82	1400	360	7.4	15.5	--	<1	160
10N/21E-03H01	08-21-82	1420	375	7.8	23.0	.3	--	130
	07-15-83	0950	368	7.9	23.0	.9	--	140
10N/21E-07K01	06-11-82	1000	288	6.9	13.5	--	<1	130
10N/21E-34L01	06-11-82	0815	292	7.3	15.0	--	<1	140
10N/22E-15C01	06-10-82	0820	1,180	7.6	14.0	--	<1	510

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Yakima County, Wash.--Continued					
09N/21E-25J03	09-03-82	48	42	17	19	19	0.6	5.5
	04-12-83	71	49	19	19	17	.6	5.5
	07-20-83	75	49	19	18	16	.6	5.7
09N/22E-10R01	06-10-82	0	29	9.9	19	26	.8	4.9
09N/22E-12P01	08-19-82	0	22	5.3	24	37	1	11
09N/23E-25G01	06-10-82	0	43	26	37	27	1	4.8
09N/23E-31F01	09-02-82	0	24	7.1	25	35	1	8.8
10N/16E-20E01D1	08-18-82	0	25	14	8.7	13	.3	4.4
	07-14-83	0	25	14	8.7	13	.3	4.3
10N/17E-04F01	08-18-82	--	15	9.0	7.4	17	.4	3.2
	04-12-83	0	15	9.1	7.4	17	.4	3.2
	07-14-83	0	14	8.7	7.3	18	.4	3.1
10N/17E-07R01	06-09-82	0	14	7.2	6.3	17	.3	3.1
10N/18E-31N01	08-18-82	0	21	14	30	36	1	6.1
	07-14-83	0	21	14	32	37	1	5.8
10N/20E-04L01	06-10-82	0	14	5.4	25	46	1	5.0
10N/20E-19J01	06-10-82	0	41	14	15	17	.5	3.7
10N/21E-03H01	08-21-82	0	37	8.5	25	28	1	7.8
	07-15-83	0	40	8.7	26	28	1	7.3
10N/21E-07K01	06-11-82	0	32	12	15	20	.6	2.8
10N/21E-34L01	06-11-82	0	31	14	11	15	.4	3.5
10N/22E-15C01	06-10-82	180	140	40	57	19	1	4.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Yakima County, Wash.--Continued					
09N/21E-25J03	09-03-82	127	155	0	65	20	0.3	52
	04-12-83	130	158	0	71	19	.3	52
	07-20-83	125	153	0	75	24	.3	48
09N/22E-10R01	06-10-82	148	180	0	12	3.4	.5	48
09N/22E-12P01	08-19-82	140	171	0	<5.0	6.7	.4	64
09N/23E-25G01	06-10-82	257	313	0	19	5.0	.8	53
09N/23E-31F01	09-02-82	147	179	0	<5.0	7.5	.4	64
10N/16E-20E01D1	08-18-82	144	176	0	<5.0	1.1	.1	63
	07-14-83	140	171	0	2.9	1.1	.2	60
10N/17E-04F01	08-18-82	--	--	--	<5.0	1.4	.2	56
	04-12-83	94	115	0	1.7	1.4	.2	53
	07-14-83	88	108	0	1.7	1.3	.2	53
10N/17E-07R01	06-09-82	76	93	0	<5.0	1.0	.1	50
10N/18E-31N01	08-18-82	180	219	0	<5.0	3.6	.7	75
	07-14-83	180	220	0	.3	3.1	.8	79
10N/20E-04L01	06-10-82	111	135	0	<5.0	2.7	.7	73
10N/20E-19J01	06-10-82	163	199	0	13	5.6	.1	34
10N/21E-03H01	08-21-82	195	238	0	<5.0	5.0	.3	44
	07-15-83	190	232	0	2.7	4.8	.3	44
10N/21E-07K01	06-11-82	144	176	0	8.0	5.3	.1	32
10N/21E-34L01	06-11-82	149	182	0	12	5.8	.2	37
10N/22E-15C01	06-10-82	338	412	0	260	25	.3	46

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Yakima County, Wash.--Continued					
09N/21E-25J03	09-03-82	309	2.7	--	10	25	26	250
	04-12-83	335	5.1	10	22	--	<1	--
	07-20-83	335	4.7	--	13	--	25	--
09N/22E-10R01	06-10-82	216	<.10	--	26	--	300	--
09N/22E-12P01	08-19-82	--	<.10	--	23	19	160	160
09N/23E-25G01	06-10-82	362	4.5	--	<3	--	<1	--
09N/23E-31F01	09-02-82	--	<.10	--	25	27	110	130
10N/16E-20E01D1	08-18-82	--	.28	--	<3	14	2	49
	07-14-83	201	.25	--	7	--	2	--
10N/17E-04F01	08-18-82	--	.13	--	7	7	2	52
	04-12-83	148	.15	<10	29	--	1	--
	07-14-83	143	.14	--	8	--	<1	--
10N/17E-07R01	06-09-82	135	.36	--	<3	--	<1	--
10N/18E-31N01	08-18-82	--	<.10	--	230	40	41	59
	07-14-83	264	<.10	--	110	--	35	--
10N/20E-04L01	06-10-82	197	<.10	--	40	--	120	--
10N/20E-19J01	06-10-82	245	4.7	--	<3	--	1	--
10N/21E-03H01	08-21-82	--	<.10	--	110	33	84	140
	07-15-83	248	<.10	--	77	--	77	--
10N/21E-07K01	06-11-82	201	1.6	--	5	--	3	--
10N/21E-34L01	06-11-82	207	.62	--	4	--	18	--
10N/22E-15C01	06-10-82	797	4.9	--	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Yakima County, Wash.--Continued					
10N/22E-25F02	08-19-82	1330	320	7.5	21.5	2.8	--	120
	06-10-83	1100	320	7.6	20.5	3.6	--	120
	07-19-83	1230	310	7.8	21.0	3.7	--	120
10N/22E-31F01	08-19-82	0950	300	8.3	21.5	.1	--	40
	06-10-83	1300	291	8.5	21.5	.1	--	39
10N/22E-31F01	07-19-83	1000	290	8.5	21.5	.1	--	39
10N/22E-36E01	06-10-82	1035	302	8.0	24.5	--	<1	100
10N/23E-08H01	08-20-82	1145	205	7.8	17.5	7.0	--	68
	06-10-83	1015	215	7.6	16.5	7.4	--	79
	07-19-83	1430	198	8.1	16.5	7.4	--	72
11N/16E-34K02	08-18-82	1615	488	6.7	23.5	.2	--	180
11N/17E-02P01	08-18-82	1545	--	7.9	26.0	.0	--	81
	07-14-83	1440	287	7.8	26.0	.2	--	82
11N/17E-32L02	06-09-82	1245	250	7.4	12.5	--	<1	99
11N/19E-10Q01	06-09-82	1635	110	8.1	18.5	--	<1	32
11N/19E-27H01	06-09-82	1525	202	7.0	14.5	--	<1	91
11N/20E-02H01	06-10-82	1030	240	8.9	23.5	--	<1	11
11N/20E-22R01	06-10-82	1200	130	8.0	--	--	<1	62
11N/21E-07F01	08-21-82	1530	309	8.8	27.5	.2	--	5
	06-09-83	1500	311	8.9	27.5	.1	--	5
	07-15-83	1055	304	8.9	27.5	.1	--	5
11N/21E-20D01	06-11-82	1315	358	7.5	18.0	--	<1	110
11N/21E-22G02	09-02-82	1100	237	8.4	28.0	1.5	--	28
	06-09-83	1100	235	8.3	27.0	1.6	--	29
	07-14-83	1510	246	8.4	28.0	.1	--	27

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Yakima County, Wash.--Continued					
10N/22E-25F02	08-19-82	0	32	9.8	13	18	0.5	6.6
	06-10-83	0	32	10	13	18	.5	6.7
	07-19-83	0	33	10	13	18	.5	6.6
10N/22E-31F01	08-19-82	0	13	1.7	43	63	3	12
	06-10-83	--	13	1.7	44	63	3	13
10N/22E-31F01	07-19-83	0	13	1.6	42	63	3	12
10N/22E-36E01	06-10-82	0	24	9.9	22	30	1	8.6
10N/23E-08H01	08-20-82	0	19	5.0	13	29	.7	2.2
	06-10-83	0	22	5.9	14	27	.7	2.5
	07-19-83	0	20	5.4	13	27	.7	2.5
11N/16E-34K02	08-18-82	0	33	23	32	27	1	6.9
11N/17E-02P01	08-18-82	0	19	8.2	28	41	1	5.1
	07-14-83	0	19	8.3	28	41	1	5.0
11N/17E-32L02	06-09-82	0	20	12	15	24	.7	3.0
11N/19E-10Q01	06-09-82	0	9.6	1.9	10	39	.8	2.3
11N/19E-27H01	06-09-82	1	23	8.2	8.2	16	.4	2.6
11N/20E-02H01	06-10-82	0	3.8	.40	52	86	7	5.6
11N/20E-22R01	06-10-82	0	18	4.2	17	36	.9	3.7
11N/21E-07F01	08-21-82	0	1.8	.10	68	93	13	5.0
	06-09-83	0	1.8	.16	70	93	13	4.8
	07-15-83	0	1.7	.11	68	93	14	4.7
11N/21E-20D01	06-11-82	0	30	8.8	32	37	1	7.1
11N/21E-22G02	09-02-82	0	8.3	1.7	41	70	3	8.9
	06-09-83	0	8.8	1.7	41	69	3	8.7
	07-14-83	0	8.3	1.5	40	70	3	8.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Yakima County, Wash.--Continued				
10N/22E-25F02	08-19-82	130	158	0	19	6.2	0.3	69
	06-10-83	133	162	0	17	6.2	.4	69
	07-19-83	130	159	0	23	6.4	.3	71
10N/22E-31F01	08-19-82	130	166	0	<5.0	14	.6	64
	06-10-83	138	--	--	.4	14	.6	64
10N/22E-31F01	07-19-83	135	153	6	.3	14	.5	62
10N/22E-36E01	06-10-82	153	186	0	<5.0	5.9	.4	63
10N/23E-08H01	08-20-82	92	112	0	<5.0	2.5	.5	47
	06-10-83	101	123	0	6.3	2.5	.5	47
	07-19-83	95	116	0	5.0	2.5	.4	48
11N/16E-34K02	08-18-82	217	265	0	36	2.6	.4	79
11N/17E-02P01	08-18-82	149	182	0	<5.0	12	.7	67
	07-14-83	96	117	0	.2	5.2	.8	--
11N/17E-32L02	06-09-82	127	155	0	<5.0	2.2	.4	60
11N/19E-10Q01	06-09-82	52	64	0	<5.0	1.3	.3	45
11N/19E-27H01	06-09-82	90	110	0	10	4.3	.2	33
11N/20E-02H01	06-10-82	127	122	16	<5.0	5.7	.8	50
11N/20E-22R01	06-10-82	71	87	0	19	5.9	.3	46
11N/21E-07F01	08-21-82	149	161	10	<5.0	7.8	1.5	58
	06-09-83	150	163	10	3.2	8.5	1.5	58
	07-15-83	149	157	12	3.4	8.0	1.5	55
11N/21E-20D01	06-11-82	184	224	0	10	7.6	.5	40
11N/21E-22G02	09-02-82	124	152	0	<5.0	5.0	.7	53
	06-09-83	125	153	0	.4	5.2	.7	53
	07-14-83	120	143	2	.3	5.2	.7	52

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Yakima County, Wash.--Continued					
10N/22E-25F02	08-19-82	241	1.7	--	<3	17	2	200
	06-10-83	242	1.7	10	10	--	2	--
	07-19-83	249	1.7	--	<3	--	<1	--
10N/22E-31F01	08-19-82	--	<.10	--	<3	28	21	49
	06-10-83	232	<.10	50	<5	--	18	--
10N/22E-31F01	07-19-83	227	<.10	--	7	--	20	--
10N/22E-36E01	06-10-82	230	<.10	--	26	--	42	--
10N/23E-08H01	08-20-82	--	.42	--	<3	5	1	91
	06-10-83	164	.54	<10	38	--	2	--
	07-19-83	156	.48	--	5	--	<1	--
11N/16E-34K02	08-18-82	349	<.10	--	5,700	32	180	67
11N/17E-02P01	08-18-82	--	<.10	--	65	27	52	55
	07-14-83	124	<.10	--	83	--	48	--
11N/17E-32L02	06-09-82	198	.64	--	4	--	1	--
11N/19E-10Q01	06-09-82	109	<.10	--	<3	--	2	--
11N/19E-27H01	06-09-82	152	1.8	--	4	--	<1	--
11N/20E-02H01	06-10-82	--	<.10	--	<3	--	<1	--
11N/20E-22R01	06-10-82	158	.29	--	72	--	12	--
11N/21E-07F01	08-21-82	--	<.10	--	6	24	9	6
	06-09-83	238	<.10	50	16	--	3	--
	07-15-83	232	<.10	--	11	--	3	--
11N/21E-20D01	06-11-82	247	<.10	--	390	--	120	--
11N/21E-22G02	09-02-82	--	<.10	--	10	30	15	32
	06-09-83	195	<.10	30	25	--	19	--
	07-14-83	189	<.10	--	16	--	14	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Yakima County, Wash.--Continued					
11N/21E-26F01	08-21-82	1025	270	8.1	25.5	0.2	--	56
11N/22E-19N01	08-20-82	1015	300	7.6	20.5	7.3	--	110
	04-12-83	1410	275	7.9	19.5	9.0	--	110
	07-14-83	1635	280	7.8	21.0	7.8	--	110
12N/14E-24L01	08-17-82	1600	180	7.8	11.5	5.1	--	56
	04-14-83	1000	165	7.9	9.0	--	--	60
	07-15-83	1225	180	7.9	11.0	5.3	--	59
12N/15E-13D01	08-17-82	1410	185	7.6	15.5	7.6	--	68
12N/16E-15F01D1	08-18-82	0935	175	8.0	18.5	.3	--	65
	06-09-83	1530	183	7.8	18.5	.6	--	65
	07-15-83	0940	170	7.8	18.5	--	--	65
12N/17E-12J03	07-12-82	1415	148	7.6	18.5	--	<1	53
12N/18E-06B02	06-08-82	1740	555	7.1	12.5	--	<1	220
12N/19E-01E01	06-08-82	1100	302	7.4	13.5	--	<1	98
12N/19E-10L01	06-08-82	0920	710	7.7	14.5	--	<1	280
12N/19E-16P01	08-20-82	1330	262	8.7	19.5	--	--	110
	06-09-83	1600	265	8.2	19.5	--	--	110
	07-14-83	1310	261	8.0	19.5	--	--	110
12N/20E-31H01	08-19-82	1130	--	8.0	16.5	--	--	170
	07-15-83	1250	330	8.4	26.5	--	--	49
12N/21E-17Q01	09-03-82	1000	268	7.8	27.0	.1	--	59
	06-09-83	1115	280	8.0	27.0	.1	--	59
	07-14-83	1130	275	8.1	27.0	.1	--	57
12N/22E-21N01	08-20-82	1600	260	8.0	23.5	.3	--	76
	06-09-83	0945	260	7.9	23.0	.1	--	81
	07-14-83	1010	260	8.2	23.0	.1	--	79

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Yakima County, Wash.--Continued					
11N/21E-26F01	08-21-82	0	15	4.4	33	52	2	8.8
11N/22E-19N01	08-20-82	5	26	10	12	19	.5	4.9
	04-12-83	4	27	11	12	18	.5	4.8
	07-14-83	3	26	10	12	19	.5	4.7
12N/14E-24L01	08-17-82	0	12	6.2	12	31	.7	3.1
	04-14-83	0	13	6.6	12	29	.7	3.1
	07-15-83	0	13	6.4	12	29	.7	3.1
12N/15E-13D01	08-17-82	0	14	8.0	6.8	17	.4	2.6
12N/16E-15F01D1	08-18-82	0	13	7.8	11	26	.6	2.8
	06-09-83	0	13	7.8	11	26	.6	2.7
	07-15-83	0	13	7.8	11	26	.6	2.7
12N/17E-12J03	07-12-82	0	12	5.7	8.5	24	.5	3.3
12N/18E-06B02	06-08-82	0	50	23	35	25	1	6.3
12N/19E-01E01	06-08-82	0	21	11	32	41	1	.7
12N/19E-10L01	06-08-82	9	71	25	48	27	1	2.9
12N/19E-16P01	08-20-82	0	24	11	9.0	15	.4	4.9
	06-09-83	5	24	12	9.3	15	.4	4.8
	07-14-83	0	24	12	9.2	15	.4	4.6
12N/20E-31H01	08-19-82	9	38	17	36	31	1	6.4
	07-15-83	0	11	5.3	50	65	3	7.4
12N/21E-17Q01	09-03-82	0	13	6.4	37	55	2	6.5
	06-09-83	0	13	6.5	37	55	2	6.0
	07-14-83	0	12	6.5	38	56	2	5.9
12N/22E-21N01	08-20-82	--	15	9.4	23	38	1	5.4
	06-09-83	0	16	10	26	39	1	5.2
	07-14-83	0	16	9.6	24	38	1	5.1

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Yakima County, Wash.--Continued				
11N/21E-26F01	08-21-82	132	161	0	<5.0	8.7	0.6	56
11N/22E-19N01	08-20-82	101	123	0	21	5.6	.6	57
	04-12-83	109	133	0	20	5.6	.4	58
	07-14-83	103	126	0	19	5.4	.4	57
12N/14E-24L01	08-17-82	87	106	0	<5.0	.6	.2	50
	04-14-83	89	109	0	3.9	.7	.3	50
	07-15-83	87	106	0	3.9	.6	.3	50
12N/15E-13D01	08-17-82	85	104	0	<5.0	1.3	.2	58
12N/16E-15F01D1	08-18-82	82	99	0	8.0	1.1	.3	57
	06-09-83	87	106	0	8.4	1.1	.3	54
	07-15-83	84	102	0	8.2	1.1	.3	54
12N/17E-12J03	07-12-82	73	89	0	<5.0	1.2	.3	63
12N/18E-06B02	06-08-82	241	294	0	28	12	.3	49
12N/19E-01E01	06-08-82	151	184	0	<5.0	9.1	.7	56
12N/19E-10L01	06-08-82	271	331	0	63	28	.6	56
12N/19E-16P01	08-20-82	126	137	8	16	6.3	.3	41
	06-09-83	104	127	0	15	5.4	.3	39
	07-14-83	114	139	0	15	5.7	.3	40
12N/20E-31H01	08-19-82	157	190	0	63	21	.6	45
	07-15-83	117	139	2	31	12	.8	51
12N/21E-17Q01	09-03-82	143	174	0	<5.0	5.0	.8	57
	06-09-83	154	188	0	.3	4.8	.8	57
	07-14-83	142	173	0	.4	4.9	.8	57
12N/22E-21N01	08-20-82	--	--	--	<5.0	4.5	.6	52
	06-09-83	126	154	0	.2	4.4	.6	54
	07-14-83	132	161	0	<.2	4.3	.6	52

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Yakima County, Wash.--Continued					
11N/21E-26F01	08-21-82	--	<0.10	--	15	26	47	76
11N/22E-19N01	08-20-82	213	3.5	--	<3	11	2	130
	04-12-83	221	3.7	10	12	--	<1	--
	07-14-83	212	3.5	--	<3	--	<1	--
12N/14E-24L01	08-17-82	--	<.10	--	<3	17	1	28
	04-14-83	143	<.10	10	18	--	2	--
	07-15-83	141	<.10	--	6	--	<1	--
12N/15E-13D01	08-17-82	--	.64	--	<3	5	<1	29
12N/16E-15F01D1	08-18-82	150	<.10	--	12	14	19	38
	06-09-83	150	<.10	<10	15	--	14	--
	07-15-83	148	<.10	--	19	--	17	--
12N/17E-12J03	07-12-82	145	.24	--	4	--	<1	--
12N/18E-06B02	06-08-82	363	3.3	--	<3	--	<1	--
12N/19E-01E01	06-08-82	227	<.10	--	510	--	440	--
12N/19E-10L01	06-08-82	469	2.6	--	<3	--	<1	--
12N/19E-16P01	08-20-82	188	<.10	--	<3	9	23	69
	06-09-83	172	<.10	10	17	--	27	--
	07-14-83	179	<.10	--	7	--	25	--
12N/20E-31H01	08-19-82	328	1.7	--	8	27	31	180
	07-15-83	240	.29	--	31	--	3	--
12N/21E-17Q01	09-03-82	--	<.10	--	26	35	39	44
	06-09-83	218	<.10	20	32	--	37	--
	07-14-83	211	<.10	--	29	--	37	--
12N/22E-21N01	08-20-82	--	<.10	--	22	20	28	64
	06-09-83	192	<.10	20	26	--	23	--
	07-14-83	--	<.10	--	32	--	22	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Yakima County, Wash.--Continued					
13N/16E-24H01	08-17-82	1130	200	7.8	28.0	0.2	--	52
	07-13-83	1650	197	7.8	27.5	.2	--	52
13N/17E-19E01	08-18-82	1050	197	8.1	28.0	--	--	53
	07-13-83	1545	190	8.0	28.0	--	--	53
13N/17E-27C01	06-09-82	0830	630	7.7	12.5	--	<1	210
13N/18E-18K01	08-16-82	1445	249	8.1	23.0	.1	--	52
	04-01-83	1125	253	7.9	22.5	.1	--	56
	07-13-83	0900	250	8.0	22.5	.4	--	53
13N/18E-28R01	07-12-82	1600	610	7.2	12.0	--	<1	250
13N/19E-22J01	06-08-82	1430	880	7.7	13.0	--	<1	300
13N/19E-26R01	06-08-82	1220	530	7.8	13.0	--	<1	180
13N/19E-31B04	06-08-82	1615	297	6.9	13.5	--	<1	120
13N/20E-29E01	08-19-82	1450	312	7.6	23.5	5.0	--	110
	06-09-83	1230	328	7.6	23.0	2.8	--	110
	07-13-83	1705	320	7.7	22.5	3.2	--	110
13N/21E-12D01	08-20-82	1215	200	7.5	13.5	6.3	--	76
	03-31-83	1300	225	7.4	13.0	5.6	--	86
	07-13-83	1340	202	7.5	13.5	7.3	--	76
14N/16E-13B01	08-16-82	1500	215	7.5	18.0	4.2	--	83
	04-01-83	0940	199	7.6	16.5	4.1	--	78
	07-13-83	1055	215	7.5	17.5	4.0	--	79
14N/17E-04H02	08-16-82	1340	157	7.7	18.0	4.8	--	62
	03-31-83	1115	162	7.9	17.5	4.8	--	65
	07-13-83	1305	170	7.7	18.0	4.7	--	62
14N/17E-33Q01	06-09-82	1400	985	7.4	--	--	<1	460
14N/18E-12B08	06-09-82	0845	655	7.6	13.5	--	<1	300

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Yakima County, Wash.--Continued					
13N/16E-24H01	08-17-82	0	14	4.1	21	44	1	4.6
	07-13-83	0	14	4.1	21	44	1	4.2
13N/17E-19E01	08-18-82	0	14	4.4	21	44	1	4.2
	07-13-83	0	14	4.5	22	45	1	4.1
13N/17E-27C01	06-09-82	0	48	23	55	35	2	8.8
13N/18E-18K01	08-16-82	0	13	4.7	33	56	2	4.5
	04-01-83	0	14	5.0	35	55	2	4.6
	07-13-83	0	13	4.9	34	56	2	4.3
13N/18E-28R01	07-12-82	0	51	30	27	19	.7	6.0
13N/19E-22J01	06-08-82	0	72	30	82	37	2	2.9
13N/19E-26R01	06-08-82	0	47	14	50	38	2	3.8
13N/19E-31B04	06-08-82	22	33	8.4	11	16	.4	3.6
13N/20E-29E01	08-19-82	0	25	12	24	30	1	5.9
	06-09-83	0	24	12	23	30	1	5.9
	07-13-83	0	24	12	23	30	1	5.7
13N/21E-12D01	08-20-82	0	17	8.1	12	25	.6	2.2
	03-31-83	0	19	9.4	14	25	.7	2.3
	07-13-83	0	17	8.1	12	25	.6	2.0
14N/16E-13B01	08-16-82	0	15	11	11	21	.5	3.9
	04-01-83	0	15	9.9	10	21	.5	3.5
	07-13-83	0	15	10	11	22	.5	3.6
14N/17E-04H02	08-16-82	0	16	5.3	8.0	21	.4	3.7
	03-31-83	0	17	5.5	8.1	20	.4	3.7
	07-13-83	0	16	5.4	7.9	20	.4	3.8
14N/17E-33Q01	06-09-82	70	91	57	41	16	.8	8.1
14N/18E-12B08	06-09-82	55	65	33	25	15	.6	5.9

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
				Yakima County, Wash.--Continued				
13N/16E-24H01	08-17-82	97	118	0	<5.0	2.2	0.6	67
	07-13-83	98	120	0	1.9	2.0	.7	65
13N/17E-19E01	08-18-82	107	130	0	<5.0	2.3	.7	71
	07-13-83	103	126	0	<.2	2.1	.7	72
13N/17E-27C01	06-09-82	300	366	0	29	6.3	.9	53
13N/18E-18K01	08-16-82	125	153	0	<5.0	6.7	1.0	69
	04-01-83	128	156	0	.3	6.6	1.1	70
	07-13-83	125	153	0	.2	6.6	1.1	69
13N/18E-28R01	07-12-82	262	319	0	32	14	.2	58
13N/19E-22J01	06-08-82	422	515	0	43	13	.6	59
13N/19E-26R01	06-08-82	227	277	0	29	12	.6	53
13N/19E-31B04	06-08-82	95	116	0	19	11	.2	37
13N/20E-29E01	08-19-82	145	177	0	15	6.2	.5	71
	06-09-83	149	182	0	14	6.2	.5	69
	07-13-83	147	179	0	13	6.7	.5	70
13N/21E-12D01	08-20-82	91	111	0	8.0	3.8	.5	52
	03-31-83	95	116	0	18	7.8	.6	48
	07-13-83	87	106	0	8.0	3.6	.5	50
14N/16E-13B01	08-16-82	97	118	0	7.0	3.5	.2	56
	04-01-83	94	115	0	6.2	3.2	.3	54
	07-13-83	97	118	0	6.6	3.1	.3	56
14N/17E-04H02	08-16-82	77	94	0	6.0	2.4	.2	54
	03-31-83	75	92	0	5.8	2.4	.2	53
	07-13-83	74	90	0	6.0	2.3	.2	53
14N/17E-33Q01	06-09-82	392	478	0	87	52	.7	60
14N/18E-12B08	06-09-82	243	296	0	59	33	.3	59

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Yakima County, Wash.--Continued					
13N/16E-24H01	08-17-82	--	<.10	--	18	25	10	34
	07-13-83	172	<.10	--	17	--	10	--
13N/17E-19E01	08-18-82	--	<.10	--	4	24	9	39
	07-13-83	--	<.10	--	20	--	8	--
13N/17E-27C01	06-09-82	421	3.8	--	<3	--	1	--
13N/18E-18K01	08-16-82	--	<.10	--	53	32	27	34
	04-01-83	213	<.10	40	66	--	29	--
	07-13-83	208	<.10	50	61	--	27	--
13N/18E-28R01	07-12-82	390	3.3	--	4	--	1	--
13N/19E-22J01	06-08-82	578	5.0	--	<3	--	<1	--
13N/19E-26R01	06-08-82	357	2.6	--	<3	--	1	--
13N/19E-31B04	06-08-82	198	4.0	--	15	--	<1	--
13N/20E-29E01	08-19-82	249	.49	--	<3	16	3	110
	06-09-83	246	.53	10	<3	--	3	--
	07-13-83	245	.55	--	5	--	1	--
13N/21E-12D01	08-20-82	162	.77	--	8	6	31	58
	03-31-83	179	.66	<10	57	--	15	--
	07-13-83	157	.75	--	24	--	11	--
14N/16E-13B01	08-16-82	170	.95	--	3	11	<1	60
	04-01-83	162	.74	<10	6	--	4	--
	07-13-83	167	.79	--	6	--	2	--
14N/17E-04H02	08-16-82	144	.58	--	<3	7	<1	84
	03-31-83	144	.60	10	<3	--	2	--
	07-13-83	142	.60	--	3	--	1	--
14N/17E-33Q01	06-09-82	659	6.1	--	8	--	2	--
14N/18E-12B08	06-09-82	442	3.7	--	<3	--	<1	--

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Specific conductance (µS/cm)	pH (standard units)	Temperature water (°C)	Oxygen, dissolved (mg/L)	Coliform fecal (cols./100 mL)	Hardness (mg/L as $CaCO_3$)
			Yakima County, Wash.--Continued					
14N/18E-12J02	06-08-82	1800	358	7.8	16.5	--	<1	140
14N/18E-15L01	08-16-82	1010	219	8.1	25.5	0.1	--	52
	04-01-83	1140	212	8.1	24.0	.1	--	56
	07-12-83	1805	220	8.1	20.5	.2	--	49
14N/18E-25D01	06-08-82	1600	435	7.7	16.0	--	<1	170
14N/18E-32E01	06-09-82	1200	305	7.0	20.5	--	<1	140
14N/19E-11L01	08-17-82	0910	305	7.9	20.0	.6	--	110
	04-14-83	1340	303	8.0	20.0	.6	--	120
14N/19E-15M01	08-17-82	1150	295	8.1	17.5	.3	--	110
	04-14-83	1530	300	8.2	16.0	.2	--	120
	07-14-83	1700	313	8.1	17.5	.5	--	110
14N/19E-32L01	06-09-82	1915	360	7.5	--	--	<1	140
14N/20E-20N02D1	08-20-82	1100	310	7.9	18.0	.8	--	120
	03-31-83	1500	298	7.8	17.5	.8	--	120
	07-13-83	1530	302	8.0	18.0	1.5	--	120
15N/17E-12N01	08-16-82	0815	163	7.9	17.5	.9	--	30
	03-30-83	1600	160	8.2	17.0	.6	--	30
	07-12-83	1615	175	8.2	18.0	.7	--	30
16N/16E-24D01D1	08-16-82	1100	215	7.6	19.0	6.0	--	52
	07-12-83	1500	210	7.8	20.0	--	--	46
16N/17E-34J01D1	08-17-82	0840	180	6.8	18.5	8.8	--	70

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Hardness, noncarbonate (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium percent	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)
			Yakima County, Wash.--Continued					
14N/18E-12J02	06-08-82	0	31	15	21	24	0.8	5.8
14N/18E-15L01	08-16-82	--	14	4.1	25	48	2	4.7
	04-01-83	0	15	4.6	27	48	2	4.7
	07-12-83	0	13	4.0	26	51	2	4.4
14N/18E-25D01	06-08-82	0	45	15	27	24	.9	5.6
14N/18E-32E01	06-09-82	4	38	10	12	16	.4	3.8
14N/19E-11L01	08-17-82	0	21	15	17	23	.7	4.9
	04-14-83	0	22	16	18	24	.7	4.8
14N/19E-15M01	08-17-82	0	21	14	20	27	.8	4.5
	04-14-83	0	22	15	21	27	.8	4.5
	07-14-83	0	21	14	21	28	.9	4.1
14N/19E-32L01	06-09-82	0	32	15	27	29	1	4.5
14N/20E-20N02D1	08-20-82	0	24	14	19	25	.8	3.8
	03-31-83	0	24	14	19	25	.8	3.7
	07-13-83	0	23	14	19	26	.8	3.8
15N/17E-12N01	08-16-82	0	6.0	3.6	23	59	2	3.9
	03-30-83	0	6.1	3.6	24	60	2	3.8
	07-12-83	0	6.0	3.7	24	60	2	3.7
16N/16E-24D01D1	08-16-82	0	12	5.3	22	46	1	4.1
	07-12-83	0	12	3.8	27	53	2	4.4
16N/17E-34J01D1	08-17-82	14	15	8.0	5.8	14	.3	3.5

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Alkalinity, field (mg/L as $CaCO_3$)	Bicarbonate, field (mg/L as HCO_3)	Carbonate, field (mg/L as CO_3)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)
			Yakima County, Wash.--Continued					
14N/18E-12J02	06-08-82	165	201	0	14	8.4	0.4	58
14N/18E-15L01	08-16-82	--	--	--	<5.0	7.6	.6	57
	04-01-83	119	145	0	3.0	4.7	.7	57
	07-12-83	107	131	0	.8	4.2	.7	58
14N/18E-25D01	06-08-82	178	217	0	29	15	.4	32
14N/18E-32E01	06-09-82	132	161	0	14	4.5	.1	37
14N/19E-11L01	08-17-82	130	159	0	21	4.9	.4	44
	04-14-83	138	168	0	20	4.9	.5	43
14N/19E-15M01	08-17-82	149	182	0	9.0	4.2	.5	49
	04-14-83	154	188	0	7.9	4.2	.5	49
	07-14-83	150	183	0	9.8	4.1	.5	48
14N/19E-32L01	06-09-82	162	197	0	19	13	.4	44
14N/20E-20N02D1	08-20-82	152	185	0	9.0	6.5	.5	46
	03-31-83	151	184	0	8.7	6.4	.6	46
	07-13-83	145	177	0	8.5	6.2	.5	46
15N/17E-12N01	08-16-82	79	96	0	12	1.1	.4	51
	03-30-83	79	96	0	11	1.1	.5	46
	07-12-83	77	94	0	10	1.0	.5	51
16N/16E-24D01D1	08-16-82	107	131	0	<5.0	1.6	.4	66
	07-12-83	109	133	0	2.7	1.5	.5	65
16N/17E-34J01D1	08-17-82	56	69	0	18	4.5	.2	49

Table 2.--*Values and concentrations of field data, major ions, nitrate plus nitrite, bacteria, boron, iron, manganese, strontium, and lithium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Solids, dissolved, sum of constituents (mg/L)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Lithium, dissolved (µg/L as Li)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
			Yakima County, Wash.--Continued					
14N/18E-12J02	06-08-82	256	0.82	--	5	--	3	--
14N/18E-15L01	08-16-82	--	<.10	--	18	20	13	55
	04-01-83	188	<.10	20	9	--	13	--
	07-12-83	176	<.10	20	19	--	9	--
14N/18E-25D01	06-08-82	279	.75	--	7	--	130	--
14N/18E-32E01	06-09-82	215	3.8	--	<3	--	3	--
14N/19E-11L01	08-17-82	208	.22	--	39	13	31	80
	04-14-83	213	.30	<10	42	--	27	--
14N/19E-15M01	08-17-82	212	<.10	--	4	18	35	81
	04-14-83	217	<.10	10	12	--	32	--
	07-14-83	213	<.10	--	12	--	31	--
14N/19E-32L01	06-09-82	259	1.6	--	<3	--	1	--
14N/20E-20N02D1	08-20-82	215	.29	--	<3	7	4	93
	03-31-83	214	.16	<10	<3	--	<1	--
	07-13-83	208	<.10	--	5	--	<1	--
15N/17E-12N01	08-16-82	148	<.10	--	<3	10	1	15
	03-30-83	144	.24	<10	7	--	<1	--
	07-12-83	146	<.10	--	<3	--	<1	--
16N/16E-24D01D1	08-16-82	--	<.10	--	<3	9	23	78
	07-12-83	182	<.10	--	4	--	24	--
16N/17E-34J01D1	08-17-82	143	1.2	--	<3	<4	3	59

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985*

[µg/L, micrograms per liter; <, less than; --, no data]

Local number	Date	Time	Aluminum, dissolved (µg/L as Al)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
			Adams County, Wash.				
17N/33E-12F02	03-17-83	1445	<10	1	33	<1	<10
17N/34E-23F01	05-24-83	1630	10	1	73	<1	<10
18N/31E-33D01	05-19-83	1905	--	<1	9	<1	<10
19N/36E-20H01D1	05-20-83	1130	10	<1	17	<1	<1
			Asotin County, Wash.				
10N/46E-20A02	06-21-82	1230	<10	1	31	<1	<10
11N/46E-32E01	08-10-83	1000	--	1	35	<1	<10
			Benton County, Wash.				
05N/26E-05N01D1	03-30-82	1545	10	<1	35	<3	<10
	04-18-84	1430	--	--	31	--	--
07N/25E-36N06	03-31-82	1355	10	1	24	<3	<10
	04-18-84	0940	--	--	18	--	--
08N/29E-17G02	06-25-82	1030	10	5	45	<1	<10
09N/27E-07D01	06-25-82	0820	<10	7	49	<1	<10
09N/28E-17A01	06-24-82	1455	<10	<1	98	<1	<10
10N/28E-14C02	04-19-82	1010	--	3	--	--	--
			Columbia County, Wash.				
10N/39E-32F01	08-13-83	0935	<1	1	18	<1	<10

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Copper, dissolved (µg/L as Cu)	Lead, dissolved (µg/L as Pb)	Mercury, dissolved (µg/L as Hg)	Selenium dissolved (µg/L as Se)	Silver, dissolved (µg/L as Ag	Zinc, dissolved (µg/L as Zn)
			Adams County, Wash.				
17N/33E-12F02	03-17-83	<1	<1	<0.1	1	<1	9
17N/34E-23F01	05-24-83	1	<1	<.1	3	<1	18
18N/31E-33D01	05-19-83	<1	<1	<.1	<1	<1	4
19N/36E-20H01D1	05-20-83	<1	<1	<.1	<1	<1	18
			Asotin County, Wash.				
10N/46E-20A02	06-21-82	<7	2	<.1	3	<1	190
11N/46E-32E01	08-10-83	3	1	<.1	1	<1	11
			Benton County, Wash.				
05N/26E-05N01D1	03-30-82	<1	--	<.1	<1	<1	<12
	04-18-84	--	--	--	--	--	--
07N/25E-36N06	03-31-82	<1	--	<.1	<1	<1	20
	04-18-84	--	--	--	--	--	--
08N/29E-17G02	06-25-82	46	2	<.1	<1	<1	99
09N/27E-07D01	06-25-82	1	<1	.1	1	<1	5
09N/28E-17A01	06-24-82	<1	2	<.1	<1	1	<3
10N/28E-14C02	04-19-82	--	--	<.1	--	<1	--
			Columbia County, Wash.				
10N/39E-32F01	08-13-83	4	<1		<.1	<1	11

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Aluminum, dissolved (µg/L as Al)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
			Douglas County, Wash.				
24N/25E-18E01	06-07-83	1035	<10	<1	31	<1	<10
24N/26E-06H01	06-07-83	1345	<10	1	24	<1	<10
			Franklin County, Wash.				
09N/30E-02R01	03-08-83	1430	<10	4	40	<1	<10
13N/29E-08H01	03-10-83	1000	10	2	110	<1	<10
13N/31E-01E01	03-10-83	1430	10	2	28	<1	<10
13N/32E-07E02	03-10-83	1230	10	2	12	<1	<10
			Garfield County, Wash.				
11N/42E-05C01	08-11-83	1400	--	1	15	<1	<10
			Grant County, Wash.				
16N/25E-04N01	03-15-83	1530	10	4	170	<1	<10
18N/25E-08C01	05-18-83	1615	--	13	57	<1	<10
18N/26E-32C01	05-20-83	1545	<10	2	16	<1	<10
18N/26E-34K01	05-18-83	1345	--	<1	130	<1	<10
18N/29E-02A01	03-17-83	0920	10	17	8	<1	<10
21N/26E-15H01	03-18-83	1415	<10	1	31	<1	<10
21N/26E-28A01	03-17-83	1330	10	1	15	<1	<10
21N/30E-03E02	05-18-83	1430	20	<1	34	<1	<10
	09-01-83	1145	10	<1	43	<1	<10

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Copper, dissolved (µg/L as Cu)	Lead, dissolved (µg/L as Pb)	Mercury, dissolved (µg/L as Hg)	Selenium dissolved (µg/L as Se)	Silver, dissolved (µg/L as Ag	Zinc, dissolved (µg/L as Zn)
			Douglas County, Wash.				
24N/25E-18E01	06-07-83	2	2	<0.1	1	<1	560
24N/26E-06H01	06-07-83	2	3	<.1	1	<1	600
			Franklin County, Wash.				
09N/30E-02R01	03-08-83	1	<1	<.1	1	<1	52
13N/29E-08H01	03-10-83	<1	<1	<.1	<1	<1	19
13N/31E-01E01	03-10-83	<1	2	<.1	1	<1	4
13N/32E-07E02	03-10-83	<1	<1	<.1	1	<1	120
			Garfield County, Wash.				
11N/42E-05C01	08-11-83	2	<1	<.1	1	<1	10
			Grant County, Wash				
16N/25E-04N01	03-15-83	4	1	<.1	3	<1	240
18N/25E-08C01	05-18-83	<1	<1	<.1	3	<1	7
18N/26E-32C01	05-20-83	<1	<1	<.1	1	<1	3
18N/26E-34K01	05-18-83	<1	<1	<.1	<1	<1	6
18N/29E-02A01	03-17-83	1	<1	<.1	1	<1	29
21N/26E-15H01	03-18-83	1	<1	<.1	<1	<1	10
21N/26E-28A01	03-17-83	1	1	<.1	1	<1	36
21N/30E-03E02	05-18-83	<1	<1	<.1	<1	<1	<3
	09-01-83	<1	2	<.1	<1	<1	5

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Aluminum, dissolved (µg/L as Al)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
			Kittitas County, Wash.				
17N/19E-05M01	06-08-82	1100	10	<1	32	<1	<10
20N/13E-11C01	06-07-82	1000	<10	<1	4	<1	<10
			Klickitat County, Wash.				
03N/15E-11N01	07-14-82	1530	10	1	3	<1	<10
03N/21E-09N01D1	04-19-84	1500	--	--	30	--	--
05N/23E-30D01	03-29-82	1150	10	<1	32	<3	<10
06N/20E-30P01	04-20-84	1000	--	--	18	--	--
06N/23E-24B01	04-19-84	1100	--	--	22	--	--
			Lincoln County, Wash				
22N/35E-23E01D1	06-01-83	1205	<10	2	36	<1	<10
23N/31E-33E01	06-02-83	1140	<10	<1	9	<1	<10
24N/36E-16A03	07-16-83	2030	--	--	--	--	--
24N/36E-16A07	07-17-83	2000	--	--	--	--	--
			Morrow County, Oreg.				
03S/28E-07CAD	07-28-83	0950	--	1	21	<1	<10
04N/24E-14DAC	08-10-83	1500	--	1	30	<1	<10

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Copper, dissolved (µg/L as Cu)	Lead, dissolved (µg/L as Pb)	Mercury, dissolved (µg/L as Hg)	Selenium dissolved (µg/L as Se)	Silver, dissolved (µg/L as Ag	Zinc, dissolved (µg/L as Zn)
			Kittitas County, Wash				
17N/19E-05M01	06-08-82	39	<1	<0.1	<1	<1	18
20N/13E-11C01	06-07-82	3	2	<.1	<1	<1	36
			Klickitat County, Wash.				
03N/15E-11N01	07-14-82	4	<1	<.1	<1	<1	47
03N/21E-09N01D1	04-19-84	--	--	--	--	--	--
05N/23E-30D01	03-29-82	<1	<1	<.1	<1	<1	<12
06N/20E-30P01	04-20-84	--	--	--	--	--	--
06N/23E-24B01	04-19-84	--	--	--	--	--	--
			Lincoln County, Wash.				
22N/35E-23E01D1	06-01-83	1	1	<.1	1	1	300
23N/31E-33E01	06-02-83	<1	<1	<.1	<1	<1	<3
24N/36E-16A03	07-16-83	--	--	--	--	--	82
24N/36E-16A07	07-17-83	--	--	--	--	--	34
			Morrow County, Oreg				
03S/28E-07CAD	07-28-83	1	<1	<.1	1	1	130
04N/24E-14DAC	08-10-83	1	<1	<.1	<1	1	5

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	Aluminum, dissolved (µg/L as Al)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
			Umatilla County, Oreg.				
01S/32E-09BBA	08-03-83	1900	--	2	26	<1	<10
05N/28E-16ADD	07-21-83	1230	--	1	14	<1	<10
			Walla Walla County, Wash.				
06N/33E-08P01	07-13-82	1200	<10	<1	11	<1	<10
07N/33E-35G01	06-23-82	1330	20	5	300	<1	<10
07N/35E-35C01	06-23-82	1130	10	<1	57	<1	<10
08N/30E-01N01	06-24-82	1330	10	4	76	<1	<10
			Whitman County, Wash.				
14N/44E-14P02	06-21-82	1355	<10	<1	37	<1	<10
14N/45E-05D03	06-22-82	0800	<10	<1	88	<1	<10
			Yakima County, Wash.				
07N/22E-09E01	04-19-84	0930	--	--	19	--	--
08N/22E-12N01	06-10-82	1530	<10	5	100	<1	<10
10N/21E-34L01	06-11-82	0815	<10	1	15	<1	<10
11N/20E-02H01	06-10-82	1030	<10	<1	3	<1	<10
12N/18E-06B02	06-08-82	1740	<10	<1	63	<1	<10
12N/19E-01E01	06-08-82	1100	<10	4	94	<1	<10

Table 3.--*Concentrations of dissolved trace elements in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Copper, dissolved (µg/L as Cu)	Lead, dissolved (µg/L as Pb)	Mercury, dissolved (µg/L as Hg)	Selenium dissolved (µg/L as Se)	Silver, dissolved (µg/L as Ag	Zinc, dissolved (µg/L as Zn)
			Umatilla County, Oreg.				
01S/32E-09BBA	08-03-83	<1	<1	<0.1	1	1	3
05N/28E-16ADD	07-21-83	1	<1	.4	<1	<1	<3
			Walla Walla County, Wash.				
06N/33E-08P01	07-13-82	2	<1	<.1	<1	<1	21
07N/33E-35G01	06-23-82	26	2	<.1	<1	<1	60
07N/35E-35C01	06-23-82	2	<1	<.1	<1	<1	<3
08N/30E-01N01	06-24-82	18	4	<.1	<1	<1	100
			Whitman County, Wash.				
14N/44E-14P02	06-21-82	1	<1	.1	<1	<1	79
14N/45E-05D03	06-22-82	1	<1	.4	<1	<1	3
			Yakima County, Wash.				
07N/22E-09E01	04-19-84	--	--	--	--	--	--
08N/22E-12N01	06-10-82	1	1	.1	18	<1	37
10N/21E-34L01	06-11-82	10	<1	<.1	<1	<1	34
11N/20E-02H01	06-10-82	1	<1	<.1	<1	<1	6
12N/18E-06B02	06-08-82	19	2	<.1	<1	<1	27
12N/19E-01E01	06-08-82	1	1	.1	<1	<1	14

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985*

[C-13, carbon-13; C-12, carbon-12; H-2, deuterium; H-1, hydrogen-1; O-18, oxygen-18; O-16, oxygen-16; per mil, per thousand; pCi/L, picoCuries per liter; <, less than; --, no data]

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Adams County, Wash.				
15N/29E-04A02	03-15-83	1355	-11.8	5.8	-147	-18.0	--
16N/31E-14K01	09-09-82	1345	-13.0	26.8	--	-17.9	--
	05-24-83	0910	-11.7	30.2	-142	-18.0	--
16N/31E-33P01	09-08-82	1555	-11.7	13.5	--	-18.4	--
	03-15-83	1115	-10.9	11.6	-148	-19.0	--
16N/33E-17B02	03-17-83	1250	-10.4	33.6	-137	-18.0	--
16N/36E-11H01D1	08-05-82	1155	-12.0	85.0	--	-15.8	--
	05-25-83	1245	-11.2	89.0	-126	-15.9	--
17N/31E-07E01	08-11-82	1600	-13.1	110.0	--	-16.5	--
	03-17-83	0855	-10.0	95.4	-132	-17.0	--
17N/31E-12D01	08-10-82	1300	-14.6	16.0	--	-18.0	--
	05-24-83	1125	-13.5	11.8	--	--	--
	08-20-85	1000	--	--	--	--	<1
17N/33E-12F02	03-17-83	1445	-14.8	16.0	-142	-18.0	--
18N/31E-33D01	05-19-83	1905	-12.5	3.4	-144	-18.5	--
	08-20-85	1700	--	--	--	--	7
19N/31E-24H01	05-19-83	1130	-12.1	11.6	--	--	--
19N/33E-08Q02	05-25-83	1430	-13.9	3.9	-144	-18.3	--
20N/32E-15D02	03-18-83	0930	-11.6	25.8	-133	-17.0	--
20N/34E-13R01	05-24-83	1030	-9.4	53.7	-141	-18.2	--
			Asotin County, Wash.				
11N/46E-32E01	08-10-83	1000	--	--	-131	-16.6	--

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Benton County, Wash.				
05N/24E-28G01	03-29-82	0935	-13.2	44.7	--	--	--
05N/25E-22M01	08-25-82	1605	-15.3	16.6	--	-16.0	--
	03-02-83	1130	-15.4	18.0	-129	-16.0	--
05N/26E-05N01D1	03-30-82	1545	-19.5	4.6	--	--	--
06N/24E-23N01	08-25-82	1510	-12.1	49.5	--	-15.8	--
	03-07-83	1100	-10.7	51.3	-129	-16.0	--
06N/26E-19K01	08-26-82	1100	-11.3	35.0	--	-16.8	--
	03-02-83	1000	-11.4	37.4	-135	-17.0	--
07N/25E-36N06	09-14-82	1100	-16.2	1.6	--	--	--
	03-31-82	1355	-15.8	7.1	--	--	--
07N/26E-04E01	08-26-82	1305	-11.4	32.3	--	-16.6	--
07N/26E-05B02D1	08-26-82	1135	-11.5	5.8	--	-18.4	--
07N/27E-29Q01	09-14-82	1200	-11.8	69.6	--	--	--
10N/28E-14C02	04-19-82	1010	--	--	--	--	300
			Columbia County, Wash.				
10N/39E-32F01	08-13-83	0935	--	--	-107	-13.6	--
			Douglas County, Wash.				
24N/26E-06H01	07-27-82	1515	-13.7	75.4	--	--	--
25N/22E-21H01D1	07-29-82	0930	-13.4	67.8	--	-17.7	--

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Franklin County, Wash.				
10N/30E-03J01	03-11-83	0900	-10.2	79.1	-112	-13.0	--
12N/30E-05B01	09-01-82	1615	-11.2	53.9	--	-16.6	--
	03-10-83	1430	-10.4	53.9	-135	-17.0	--
13N/29E-08H01	03-10-83	1000	-14.1	6.7	-151	-19.0	--
13N/31E-01E01	08-31-82	1130	-16.2	85.1	--	-16.8	--
	03-10-83	1430	-14.2	83.2	-134	-17.0	--
13N/32E-03C01	08-31-82	1300	-12.9	54.8	--	-17.6	--
	05-18-83	1500	-12.8	66.9	-137	-18.0	--
14N/29E-05A01	03-15-83	0900	-9.9	40.2	-144	-18.0	--
			Garfield County, Wash.				
11N/42E-05C01	08-11-83	1400	--	--	-114	-14.7	--
13N/40E-14C01	09-03-82	0830	-12.8	81.5	--	-13.0	--
4N/41E-34K01	09-03-82	1100	-12.9	95.2	--	-13.3	--
			Grant County, Wash.				
17N/23E-02B01	08-19-82	1000	-10.0	37.6	--	-17.2	--
17N/23E-23A01D1	08-19-82	1400	-19.4	8.4	--	-18.7	--
18N/23E-36H01	08-19-82	1225	-19.4	8.4	--	--	--
18N/28E-26F01	05-17-83	1745	-11.5	19.2	-145	-18.0	--
18N/30E-16R01	03-18-83	1320	-7.7	54.7	-133	-17.0	--
20N/29E-01A01	07-25-85	0900	--	--	--	--	4
21N/26E-15H01	07-27-82	0930	-13.8	17.7	--	-17.2	--

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Grant County, Wash.--Continued				
21N/28E-19F02	07-26-82	1040	-12.4	103.0	--	-15.6	--
21N/30E-23J01D1	05-18-83	1200	-10.7	4.0	-147	-19.0	--
			Kittitas County, Wash.				
17N/20E-05K01	09-01-82	0930	-16.1	87.4	--	--	--
			Klickitat County, Wash.				
03N/21E-09N01D1	04-19-84	1500	-14.9	--	--	--	--
05N/23E-13R02D1	03-31-82	1010	-16.7	2.2	--	--	--
05N/23E-30D01	03-29-82	1150	-20.7	19.4	--	--	--
	08-25-82	1600	-25.3	17.5	--	--	--
06N/20E-30P01	04-20-84	1000	-15.2	--	--	--	--
06N/23E-24B01	03-29-82	1435	-17.3	6.2	--	--	--
	08-25-82	1355	-16.7	11.8	--	-16.2	--
	03-07-83	1530	-14.8	7.0	-131	-16.0	--
	04-19-84	1100	-15.6	--	--	--	--
			Lincoln County, Wash.				
21N/38E-14J01	07-21-82	1440	-15.3	45.4	--	-16.0	--
	06-02-83	1050	-13.0	43.0	-128	-16.0	--
21N/38E-23L01	07-21-82	1210	-13.8	13.1	--	-17.0	--
	06-20-83	1200	-12.8	12.6	-136	-17.0	--
22N/35E-23E01D1	06-01-83	1205	-13.0	77.5	-131	-16.0	--
23N/31E-33E01	06-02-83	1140	-13.8	21.3	-139	-17.5	--
24N/31E-14E01	06-03-83	0930	-12.7	35.8	-135	-17.6	--
	07-23-82	1445	-12.8	35.5	--	-17.5	--

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Lincoln County, Wash.--Continued				
25N/32E-35P01	09-09-82	0800	-12.8	8.0	--	-17.8	--
	06-04-83	1100	-11.6	5.8	-144	-17.9	--
25N/33E-27A01	06-03-83	1100	--	--	-134	-17.0	--
25N/35E-03E01D1	06-02-83	1525	-17.7	51.5	-121	-15.4	--
25N/37E-21L04	06-01-83	1500	-13.0	5.0	-144	-18.6	--
25N/37E-27E01	05-31-83	1730	--	--	-127	-16.3	--
26N/32E-26D01	07-23-82	1100	-14.4	38.0	--	-16.6	--
	06-04-83	0840	-14.4	39.0	-130	-16.8	--
			Morrow County, Oreg.				
03S/28E-07CAD	08-17-84	1200	--	--	--	--	<24
04N/25E-10BDC	09-19-84	1600	--	--	--	--	<24
			Umatilla County, Oreg.				
01S/32E-09BBA	08-16-84	1200	--	--	--	--	<24
04N/28E-11BAB	08-16-84	1200	--	--	--	--	25
05N/28E-16ADD	09-19-84	1700	--	--	--	--	<24
			Whitman County, Wash.				
19N/42E-15B01	08-04-82	1400	-26.7	119	--	-15.0	--
20N/43E-10R01	08-03-82	1220	-16.0	33.6	--	-16.7	--
			Yakima County, Wash.				
07N/22E-09E01	03-29-82	1715	-13.1	71.9	--	--	--
	04-19-84	0930	-13.2	--	--	--	--

Table 4.--*Concentrations of stable isotopes and tritium in samples from selected wells in the Columbia Plateau RASA project area from 1982 through 1985--Continued*

Local number	Date	Time	C-13 /C-12 stable isotope ratio (per mil)	Carbon-14 (percent modern)	H-2 /H-1 stable isotope ratio (per mil)	0-18 /0-16 stable isotope ratio (per mil)	Tritium total (pCi/L)
			Yakima County, Wash.--Continued				
14N/19E-11L01	08-17-82	0910	-15.5	42.1	--	--	--
14N/19E-15M01	08-17-82	1149	-17.2	29.7	--	-16.8	--
14N/20E-20N02D1	08-20-82	1100	-16.5	35.4	--	-16.3	--

*U.S. GOVERNMENT PRINTING OFFICE 1994-0-591-860/10055