AQUEOUS RADIOACTIVE- AND INDUSTRIAL-WASTE DISPOSAL AT THE IDAHO NATIONAL ENGINEERING LABORATORY THROUGH 1982

By Barney D. Lewis, Jean M. Eagleton, and Rodger G. Jensen

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FACTORS FOR CONVERTING INCH-POUND UNITS TO METRIC (SI) UNITS

The following factors can be used to convert inch-pound units to the International System (SI) of metric units:

Multiply inch-pound units	By	To obtain SI units
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi^2)	2.590	square kilometer (km^2)
gallon (gal)	3.785	liter (L)
acre-foot (acre-ft)	1,233	cubic meter (m^3)
pound (lb)	0.4536	kilogram (kg)
foot squared per day (ft^2/d)	0.0929	meter squared per day (m^2/d)
curie (Ci)	3.70×10^{10}	becquerel (Bq)

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ABSTRACT

The U.S. Geological Survey has maintained a project office at the Idaho National Engineering Laboratory (INEL) since its establishment as the National Reactor Testing Station in 1949. During the many years of INEL operations, low-level radioactive and chemical wastes have been disposed of directly or indirectly into the Snake River Plain aquifer which underlies the INEL. Some wastes have been disposed of to leaching ponds, ditches, or subsurface leaching fields, and these wastes have migrated downward to the aquifer. Other wastes have reached the aquifer by direct injection through disposal wells. The aqueous-waste disposal data, plus related and pertinent hydrologic and ground-water quality data, have been assembled on magnetic-computer tape and are now available for comparison and evaluation of various digital ground-water solute-transport models.

This report is a listing, in tabular form, of the radioactive- and chemical-aqueous-waste disposal data available on the magnetic tape. A map showing the locations of selected INEL facilities is included, as well as a selected reference list of reports which interpret the hydrologic data set.

INTRODUCTION

The Idaho National Engineering Laboratory (INEL) was established as the National Reactor Testing Station in 1949. The INEL covers about 890 square miles of the eastern Snake River Plain (fig. 1) in southeastern Idaho. The plain is a structural and topographic basin about 200 miles long and 50 to 70 miles wide. Underlying the plain is a vast body of ground water contained in basaltic rocks and interbedded sediment that is known as the Snake River Plain aquifer--the major aquifer in Idaho. The INEL is used by the U.S. Department of Energy (DOE) to build, operate, and test various types of nuclear reactors. Fifty-two reactors, a nuclear fuel reprocessing plant, various support facilities, and a low-level radioactive-waste disposal site have been constructed to date. Fifteen of the reactors, the reprocessing plant, and the disposal site are still being used.

The nuclear reactors and the nuclear fuel reprocessing plant generate liquid wastes. Aqueous industrial (chemical) and radioactive wastes are discharged to leaching ponds, ditches, subsurface leaching fields, or disposal wells. The majority of the aqueous wastes disposed

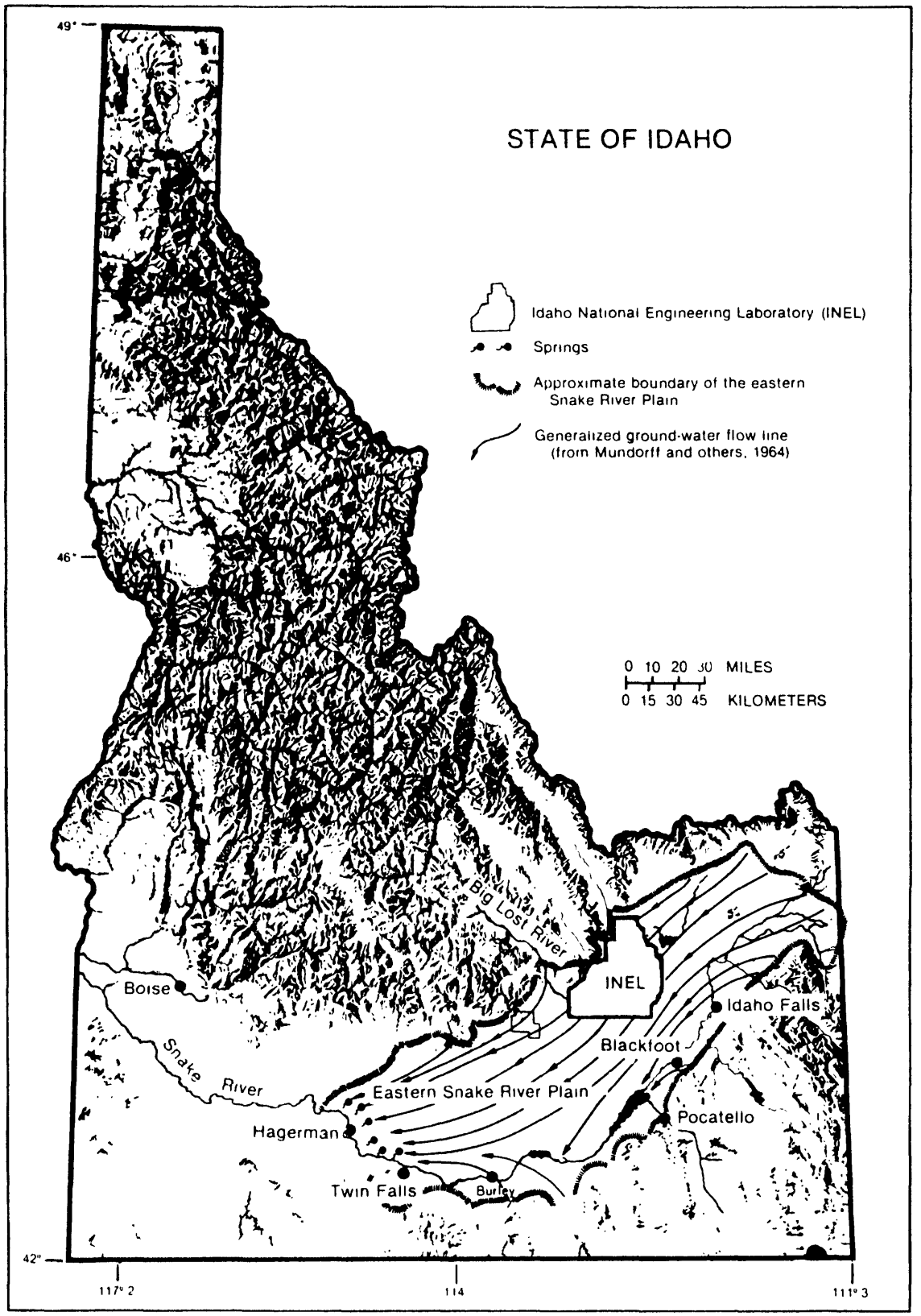


Figure 1. Relief map of Idaho showing location of the INEL, Snake River Plain, and generalized ground-water flow lines of the Snake River Plain aquifer (from Barraclough, Lewis, and Jensen, 1981).

of to surface or shallow subsurface facilities are discharged at the Test Reactors Area (TRA--see figure 2 for location). These wastes then percolate toward the Snake River Plain aquifer. Other aqueous wastes have been discharged directly into the aquifer through injection wells. The majority of the wastes disposed of using this method have been injected through the Idaho Chemical Processing Plant (ICPP) disposal well. Effluent discharge to the ICPP disposal well was discontinued in February 1984 following the construction of a percolation pond. The disposal well is now used only in emergency situations.

In 1949, the Atomic Energy Commission (now DOE) requested that the Geological Survey investigate and describe the water resources of the INEL and adjacent areas. Information was collected which depicted hydrogeologic conditions prior to any reactor operations at the Laboratory. Current investigations indicate natural changes in the hydrology of the area and also determine changes resulting from activities at the Laboratory.

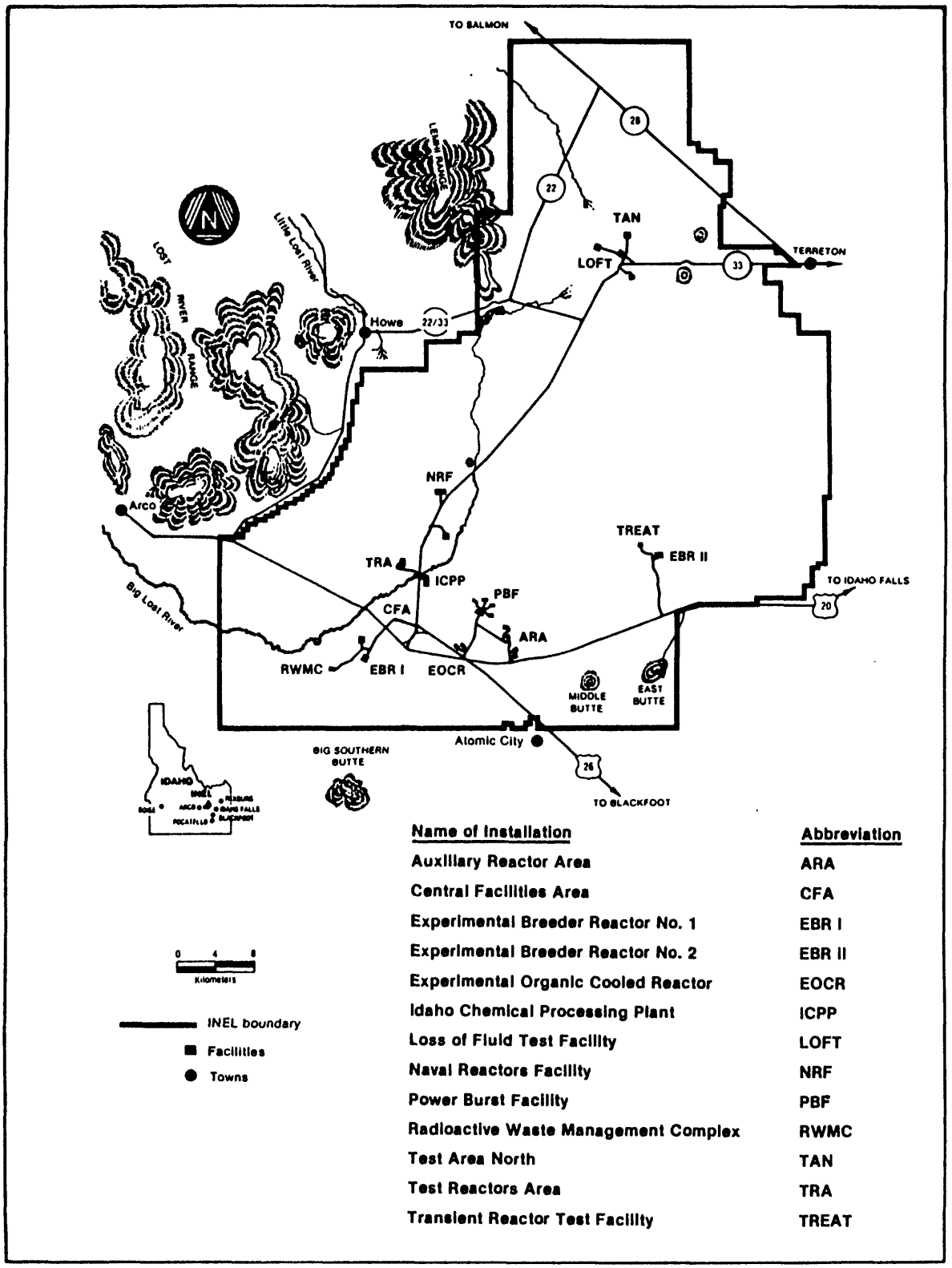
Since 1949, a large volume of water-quality, water-level, and other related hydrologic data have been accumulated at the INEL. The National Low-Level Waste Management Program (NLLWMP) of the DOE has supported the compilation of this data set and they requested that all INEL data be compiled on magnetic tape. The assembled data set will be used to compare, evaluate, and validate ground-water solute-transport models. These data are made available to the computer modeling community to provide a standard for the refinement and application of waste-disposal site performance and prediction models. These data are recorded on an ASCII-character, IBM-compatible, 1600-bit-per-inch (BPI) magnetic tape. The tape contains:

1. A water-quality file from selected Geological Survey monitoring wells penetrating the Snake River Plain aquifer in the vicinity of the INEL. This file includes both chemical and radionuclide data.

2. A file of water-level data available for these wells.

3. A data file listing the aqueous wastes disposed of at the INEL.

A set of U.S. Geological Survey open-file reports has been prepared to provide written documentation of the data on the magnetic tape. This is one of those reports and it lists the disposal data available under item number 3 above. A report is in preparation which will describe the format and use of the magnetic tape and provide other information necessary to use this data set for solute-transport studies.



Name of Installation	Abbreviation
Auxiliary Reactor Area	ARA
Central Facilities Area	CFA
Experimental Breeder Reactor No. 1	EBR I
Experimental Breeder Reactor No. 2	EBR II
Experimental Organic Cooled Reactor	EOCR
Idaho Chemical Processing Plant	ICPP
Loss of Fluid Test Facility	LOFT
Naval Reactors Facility	NRF
Power Burst Facility	PBF
Radioactive Waste Management Complex	RWMC
Test Area North	TAN
Test Reactors Area	TRA
Transient Reactor Test Facility	TREAT

Figure 2. Location of selected INEL facilities (modified from Bagby and others, 1984)

Purpose and Scope

The purpose of this report is to provide written documentation of the aqueous waste-disposal data placed on the magnetic tape previously described. The data are listed in tabular form. Figure 2 shows the location of the facilities where the data were collected. A brief introduction to the INEL and its hydrophysical characteristics has been included. For readers interested in the hydrologic implications of the disposal data, reports are listed in the selected reference section at the end of the text.

This report includes aqueous-disposal data published in several INEL reports listed in the reference section. Radioactive-waste-disposal data were obtained from the following references: Osloond (1965); Office of Waste Management, AEC (1974a); Waste Management and Environmental Affairs Branch, AEC (1974a, 1974b, and 1974c); White (1975a, 1975b, 1976a, 1976b, 1977a, 1977b, 1978a, and 1978b); Waste Management Programs, EG&G Idaho, Inc. (1979a and 1979b); Batchelder (1980a and 1981a); and Cassidy (1982a and 1983a). The period of record covered by the just listed references is 1961 through 1982. Prior to this period, records of aqueous radioactive-waste disposal at the INEL are not verifiable. Similarly, disposal records of aqueous-chemical wastes are not verifiable except for the period from 1971 through 1982 (covered by this report) and years hence. The chemical-waste-disposal data listed in this report were obtained from the following references: Office of Waste Management, AEC (1974b); White (1975c, 1976c, 1977c, and 1978c); Waste Management Programs, EG&G Idaho, Inc. (1979c); Batchelder (1980b and 1981b); and Cassidy (1982b and 1983b).

Acknowledgments

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REGIONAL HYDROGEOLOGY

The eastern Snake River Plain is underlain by a vast ground-water reservoir known as the Snake River Plain aquifer, which may contain more than 1 billion acre-feet of water (Barraclough, Lewis, and Jensen, 1981). The flow of ground water in the aquifer is principally to the south-southwest (fig. 1) at relatively high velocities of 5-20 feet per day. The transmissivity of the aquifer generally ranges from 1 million to 100 million gallons per day per foot or 134,000 to 13,400,000 feet squared per day (Robertson, Schoen, and Barraclough, 1974).

The Snake River Plain aquifer consists of basaltic volcanic rocks and interbedded sediment. Underlying rocks are probably composed of sedimentary and crystalline rocks. Water-bearing openings in the basaltic rocks are distributed throughout the rock system in the form of intercrystalline and intergranular porespace, fractures, cavities, interstitial voids, interflow zones, and lava tubes. The variety and degree of interconnection of these openings complicate the direction of ground-water movement locally throughout the aquifer.

Ground-water inflow to the aquifer is primarily by underflow from the northeastern part of the plain and also from adjacent drainages on the west and north. Most of the ground water underlying the INEL enters the ground in the uplands to the north, northeast, and northwest of the site, moves southward or southwestward through the aquifer, and discharges at springs along the valley of the Snake River near Hagerman (fig. 1). Lesser amounts of the water are derived from local precipitation on the plain. Part of the precipitation evaporates, but some infiltrates the ground surface and percolates through the subsurface to the regional water table. Significant recharge is also derived from occasional flow in the Big Lost River.

WASTE-DISPOSAL SITES

Liquid low-level radioactive and/or dilute chemical wastes have been discharged to the subsurface at the Central Facilities Area (CFA) through a shallow-drain field (see figure 2 for location); at the Idaho Chemical Processing Plant (ICPP) through a deep-disposal well prior to February 1984; at the Naval Reactors Facility (NRF) through seepage ponds and a waste ditch; at the Power Burst Facility (PBF) through two shallow disposal wells; and at the Test Reactors Area (TRA) through a deep-disposal well prior to March 1982 and through several seepage ponds. The disposal data for these various facilities are listed in tables 1 through 4 (tabulated following the selected reference section). The yearly totals for radioactive- and chemical-waste disposal are listed for the entire published period of record in tables 1 and 3, respectively. Monthly totals are listed in tables 2 and 4 for the years 1977 through 1982. The shorter time-duration listings are included to provide the user with the option of employing more detailed source terms while attempting to calibrate a solute-transport model.

The combined ICPP-NRF-TRA liquid waste discharges comprise the greatest percentage volumetrically of INEL liquid waste and nearly all of the total radioactivity discharged (tables 1 and 2). It is also apparent from tables 3 and 4 that the ICPP-NRF-TRA liquid-waste effluents contain most of the total on-site chemical-waste products. The CFA and PBF discharge smaller but significant quantities of liquid wastes and are included herein for completeness. Ongoing Geological Survey studies have shown that aqueous-waste disposal at the five just mentioned facilities has had a recognizable effect on quality of water in the Snake River Plain aquifer. Although operations at other facilities, such as Test Area North and Experimental Breeder Reactor II (see figure 2 for locations), produce very small volumes and concentrations of aqueous wastes, the effects of this waste disposal on the aquifer is not detectable.

Central Facilities Area

Radioactive- and chemical-waste effluent from a laundering process at the CFA was processed and diluted in a sewage treatment plant. From here, the liquid wastes were discharged to a shallow drain field. A part of these wastes percolate through the vadose zone to the Snake River Plain aquifer, about 480 feet below the land surface.

Idaho Chemical Processing Plant

As stated, the ICPP discharged low-level radioactive waste and dilute-chemical waste directly to the Snake River Plain aquifer through a disposal well 600 feet deep prior to 1984 and effluent disposal has since been to a percolation pond. The natural water level is about 450 feet below the land surface. More tritium, in terms of radioactivity, has been discharged than any other waste isotope; the remainder of the discharged activity was from small quantities of various other radioisotopes.

Naval Reactors Facility

The NRF utilized a drainage-seepage ditch and two seepage ponds to dispose of low-level radioactive- and chemical-waste water. These effluents include A1W, S1W, and S5G plant-facility disposal to seepage ponds (see tables 1 and 2). Chemical wastes have dominated the effluent over the later period of record with little or no radioactive wastes having been discharged. A part of the discharged waste water percolates through the vadose zone to the Snake River Plain aquifer, about 400 feet below land surface.

Power Burst Facility

The PBF utilized two shallow wells, completed to depths of 110 and 115 feet, to dispose of low-level radioactive liquid wastes and corrosive liquid wastes, respectively. These wells were purposely designed to allow the waste water to form perched-water bodies, thus retarding percolation through the vadose zone to the regional aquifer, about 450 feet below land surface. These wells are no longer in use and waste water is discharged to a lined-evaporation pond.

Test Reactors Area

The TRA utilized four disposal systems to dispose of dilute radioactive-and chemical-waste water. Low-level radioactive wastes were discharged to three seepage ponds. A part of these wastes also percolate to the Snake River Plain aquifer, 450 feet below the land surface. Chemical wastes were discharged to another seepage pond. Two seepage ponds were used to dispose of sanitary wastes. Cooling-tower blowdown wastes were discharged directly into the regional aquifer through a 1,275-foot-deep disposal well prior to March 1982. Blowdown wastes are now discharged to percolation ponds located immediately south of the TRA.

SUMMARY

This report is one of a series of reports, in preparation or published, which summarize the hydrologic data collected at the INEL. In conjunction with the other reports, it is intended to provide a useful working source-term data set for those individuals involved in solute-transport studies for government agencies or private industry. In magnetic-tape format, the entire data set should become a useful tool for hydrologists working with solute-transport models that are applicable to arid-climatic conditions.

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Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
CFA	LAUNDRY	1970	Co-60	4.293E-07	1.660E-01	3.867E+08
		1970	Cs-137	3.830E-06	1.481E+00	3.867E+08
		1970	Sr-90	9.232E-07	3.570E-01	3.867E+08
	LAUNDRY	1971	Sr-90	3.090E-07	4.614E-02	1.493E+08
	LAUNDRY	1972	Sr-90	5.131E-07	8.173E-02	1.593E+08
	LAUNDRY	1973	Sr-90	6.214E-07	1.090E-01	1.754E+08
	LAUNDRY	1974	Co-60	8.142E-08	9.624E-03	1.182E+08
		1974	Cs-137	1.998E-07	2.362E-02	1.182E+08
		1974	Sr-90	2.091E-07	2.471E-02	1.182E+08
	LAUNDRY	1975	Co-60	4.614E-08	8.426E-03	1.826E+08
		1975	Cs-137	1.803E-07	3.292E-02	1.826E+08
		1975	Sr-90	7.306E-08	1.334E-02	1.826E+08
	LAUNDRY	1976	Co-60	1.141E-07	1.825E-02	1.599E+08
		1976	Cs-137	1.132E-07	1.810E-02	1.599E+08
		1976	Sr-90	3.994E-08	6.387E-03	1.599E+08
	LAUNDRY	1977	Co-60	1.185E-07	2.108E-02	1.779E+08
		1977	Cs-137	5.532E-08	9.841E-03	1.779E+08
		1977	Sr-90	2.832E-08	5.038E-03	1.779E+08
	LAUNDRY	1978	Sr-90	1.862E-08	2.964E-03	1.592E+08
	LAUNDRY	1979	Cs-137	2.453E-08	3.665E-03	1.494E+08
		1979	H-3	3.344E-06	4.996E-01	1.494E+08
		1979	Sr-90	1.837E-08	2.744E-03	1.494E+08
	LAUNDRY	1980	H-3	2.326E-05	4.155E+00	1.786E+08
		1980	Sr-90	1.957E-08	3.495E-03	1.786E+08
	LAUNDRY	1981	H-3	2.388E-05	3.579E+00	1.499E+08
		1981	Sr-90	3.369E-09	5.050E-04	1.499E+08
	LAUNDRY	1982	H-3	2.749E-05	5.001E+00	1.819E+08
		1982	Sr-90	4.146E-09	7.542E-04	1.819E+08
ICPP	PIT & DISP. WELL	1961	Cs-137	5.620E-07	4.000E-01	7.117E+08
		1961	H-3	8.290E-04	5.900E+02	7.117E+08
		1961	Sr-90	2.810E-07	2.000E-01	7.117E+08
	DISP. WELL	1962	H-3	1.474E-04	1.460E+02	9.906E+08

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
ICPP		1962	Sr-90	2.019E-07	2.000E-01	9.906E+08
	DISP. WELL	1963	H-3	1.049E-03	1.021E+03	9.729E+08
	DISP. WELL	1964	Cs-137	1.842E-06	2.400E+00	1.303E+09
		1964	H-3	1.302E-03	1.696E+03	1.303E+09
		1964	Sr-90	8.442E-07	1.100E+00	1.303E+09
	DISP. WELL	1965	Cs-137	1.270E-06	2.000E+00	1.575E+09
		1965	H-3	3.683E-05	5.800E+01	1.575E+09
		1965	Sr-90	1.778E-06	2.800E+00	1.575E+09
	DISP. WELL	1966	Cs-137	1.379E-06	1.900E+00	1.378E+09
		1966	H-3	1.698E-04	2.340E+02	1.378E+09
		1966	Sr-90	1.161E-06	1.600E+00	1.378E+09
	DISP. WELL	1967	Cs-137	5.259E-07	6.000E-01	1.141E+09
		1967	H-3	7.511E-04	8.570E+02	1.141E+09
		1967	Sr-90	1.402E-06	1.600E+00	1.141E+09
	DISP. WELL	1968	Cs-137	5.854E-07	6.000E-01	1.025E+09
		1968	H-3	4.976E-04	5.100E+02	1.025E+09
		1968	Sr-90	1.073E-06	1.100E+00	1.025E+09
	DISP. WELL	1969	Cs-137	3.508E-06	4.350E+00	1.240E+09
		1969	H-3	1.000E-04	1.240E+02	1.240E+09
		1969	Sr-90	4.105E-06	5.090E+00	1.240E+09
	DISP. WELL	1970	Co-60	1.047E-07	1.100E-01	1.051E+09
		1970	Cs-137	1.113E-06	1.170E+00	1.051E+09
		1970	H-3	7.180E-05	7.546E+01	1.051E+09
		1970	Sr-90	4.662E-07	4.900E-01	1.051E+09
	DISP. WELL	1971	H-3	5.577E-05	5.856E+01	1.050E+09
		1971	Sr-90	6.461E-08	6.784E-02	1.050E+09
	DISP. WELL	1972	H-3	2.314E-04	2.978E+02	1.287E+09
		1972	Sr-90	1.686E-07	2.170E-01	1.287E+09
	DISP. WELL	1973	H-3	2.435E-05	3.163E+01	1.299E+09
		1973	Sr-90	9.992E-06	1.298E+01	1.299E+09
	DISP. WELL	1974	Co-60	4.416E-09	6.429E-03	1.456E+09
		1974	Cs-137	4.463E-07	6.498E-01	1.456E+09
		1974	H-3	3.128E-04	4.554E+02	1.456E+09
		1974	Sr-90	1.365E-07	1.987E-01	1.456E+09
	DISP. WELL	1975	Co-60	9.488E-10	9.868E-04	1.040E+09
		1975	Cs-137	4.591E-07	4.775E-01	1.040E+09
		1975	H-3	4.106E-05	4.270E+01	1.040E+09

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP		1975	Sr-90	4.418E-07	4.595E-01	1.040E+09
	DISP. WELL	1976	Co-60	3.326E-10	4.474E-04	1.345E+09
		1976	Cs-137	4.952E-07	6.661E-01	1.345E+09
		1976	H-3	4.274E-05	5.748E+01	1.345E+09
		1976	I-129	6.687E-09	8.994E-03	1.345E+09
		1976	Sr-90	2.902E-07	3.903E-01	1.345E+09
	DISP. WELL	1977	Co-60	1.183E-09	1.872E-03	1.583E+09
		1977	Cs-137	3.178E-07	5.030E-01	1.583E+09
		1977	H-3	4.637E-04	7.341E+02	1.583E+09
		1977	I-129	1.252E-08	1.982E-02	1.583E+09
		1977	Sr-90	1.709E-07	2.705E-01	1.583E+09
	DISP. WELL	1978	Co-60	1.255E-08	2.033E-02	1.620E+09
		1978	Cs-137	1.244E-06	2.015E+00	1.620E+09
		1978	H-3	1.949E-04	3.157E+02	1.620E+09
		1978	I-129	8.377E-08	1.357E-01	1.620E+09
		1978	Sr-90	3.641E-07	5.898E-01	1.620E+09
	DISP. WELL	1979	Co-60	3.590E-10	5.260E-04	1.465E+09
		1979	Cs-137	6.633E-07	9.718E-01	1.465E+09
		1979	H-3	1.507E-04	2.208E+02	1.465E+09
		1979	I-129	2.563E-08	3.755E-02	1.465E+09
		1979	Sr-90	2.907E-07	4.259E-01	1.465E+09
	DISP. WELL	1980	Co-60	6.814E-10	1.031E-03	1.513E+09
		1980	Cs-137	5.153E-07	7.797E-01	1.513E+09
		1980	H-3	7.224E-05	1.093E+02	1.513E+09
		1980	I-129	2.114E-08	3.199E-02	1.513E+09
		1980	Sr-90	2.174E-07	3.289E-01	1.513E+09
	DISP. WELL	1981	Co-60	6.101E-10	1.230E-03	2.016E+09
		1981	Cs-137	2.077E-07	4.187E-01	2.016E+09
		1981	H-3	1.783E-04	3.594E+02	2.016E+09
		1981	I-129	2.352E-08	4.741E-02	2.016E+09
		1981	Sr-90	1.024E-07	2.064E-01	2.016E+09
	DISP. WELL	1982	Co-60	1.700E-09	3.415E-03	2.009E+09
		1982	Cs-137	8.820E-08	1.772E-01	2.009E+09
		1982	H-3	1.044E-04	2.091E+02	2.009E+09
		1982	I-129	6.103E-09	1.226E-02	2.009E+09
		1982	Sr-90	7.685E-08	1.544E-01	2.009E+09
NRF	SEEP. PONDS	1961	Co-60	7.882E-05	7.340E+00	9.312E+07
		1961	Cs-137	1.074E-05	1.000E+00	9.312E+07
		1961	H-3	1.350E-04	1.257E+01	9.312E+07
	SEEP. PONDS	1962	Co-60	3.647E-05	3.880E+00	1.064E+08

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
NRF		1962	Cs-137	6.297E-06	6.700E-01	1.064E+08
		1962	H-3	2.907E-04	3.093E+01	1.064E+08
	SEEP. PONDS	1963	Co-60	1.378E-04	1.423E+01	1.033E+08
		1963	Cs-137	7.551E-06	7.800E-01	1.033E+08
		1963	H-3	2.381E-04	2.460E+01	1.033E+08
	SEEP. PONDS	1964	Co-60	5.237E-05	5.410E+00	1.033E+08
		1964	Cs-137	7.744E-06	8.000E-01	1.033E+08
		1964	H-3	1.796E-04	1.855E+01	1.033E+08
	SEEP. PONDS	1965	Co-60	6.781E-05	8.490E+00	1.252E+08
		1965	Cs-137	1.342E-05	1.680E+00	1.252E+08
		1965	H-3	4.026E-05	5.040E+00	1.252E+08
	SEEP. PONDS	1966	Co-60	2.341E-05	3.270E+00	1.397E+08
		1966	Cs-137	1.188E-05	1.660E+00	1.397E+08
		1966	H-3	4.510E-05	6.300E+00	1.397E+08
	SEEP. PONDS	1967	Co-60	1.827E-05	2.430E+00	1.330E+08
		1967	Cs-137	6.090E-06	8.100E-01	1.330E+08
		1967	H-3	2.699E-05	3.590E+00	1.330E+08
	SEEP. PONDS	1968	Co-60	3.651E-05	5.250E+00	1.438E+08
		1968	Cs-137	1.697E-05	2.440E+00	1.438E+08
		1968	H-3	1.606E-05	2.310E+00	1.438E+08
	SEEP. PONDS	1969	Co-60	2.564E-05	3.000E+00	1.170E+08
		1969	Cs-137	2.786E-05	3.260E+00	1.170E+08
		1969	H-3	2.274E-05	2.660E+00	1.170E+08
	SEEP. PONDS	1970	Co-60	1.158E-04	8.940E+00	7.722E+07
		1970	Cs-137	5.051E-06	3.900E-01	7.722E+07
		1970	H-3	1.865E-05	1.440E+00	7.722E+07
		1970	Sr-90	1.295E-07	1.000E-02	7.722E+07
	A1W(to pond)	1971	Cs-137	6.462E-08	8.310E-04	1.286E+07
		1971	H-3	1.457E-05	1.874E-01	1.286E+07
		1971	Sr-90	1.999E-09	2.571E-05	1.286E+07
	S1W(to pond)	1971	Co-60	2.806E-06	3.232E-02	1.152E+07
		1971	Cs-137	8.045E-07	9.263E-03	1.152E+07
		1971	H-3	2.335E-06	2.690E-02	1.152E+07
		1971	Sr-90	1.164E-08	1.341E-04	1.152E+07
	S5G(to pond)	1971	Co-60	1.540E-06	1.191E-02	7.735E+06
		1971	H-3	7.266E-06	5.620E-02	7.735E+06
		1971	Sr-90	6.193E-11	4.790E-07	7.735E+06
	WASTE DITCH	1971	Co-60	4.577E-05	1.851E+00	4.044E+07
		1971	H-3	6.919E-06	2.798E-01	4.044E+07
		1971	Sr-90	4.315E-08	1.745E-03	4.044E+07

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; A1W (to pond), A1W facility discharge; S1W (to pond), S1W facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
NRF	A1W(to pond)	1972	Co-60	4.569E-08	4.930E-05	1.079E+06
		1972	H-3	5.473E-05	5.911E-02	1.079E+06
	S1W(to pond)	1972	Co-60	6.261E-08	2.796E-05	4.466E+05
		1972	Cs-137	2.882E-08	1.287E-05	4.466E+05
		1972	H-3	1.049E-04	4.684E-02	4.466E+05
	S5G(to pond)	1972	Co-60	5.861E-07	6.248E-04	1.066E+06
		1972	H-3	7.181E-05	7.655E-02	1.066E+06
	WASTE DITCH	1972	Co-60	7.421E-05	3.461E-01	4.664E+06
		1972	Cs-137	1.042E-05	4.859E-02	4.664E+06
		1972	H-3	3.913E-05	1.825E-01	4.664E+06
		1972	Sr-90	2.072E-06	9.662E-03	4.664E+06
	A1W(to pond)	1973	Co-60	3.999E-08	6.114E-05	1.529E+06
		1973	Cs-137	1.939E-09	2.965E-06	1.529E+06
		1973	H-3	2.713E-04	4.148E-01	1.529E+06
	S1W(to pond)	1973	Co-60	2.418E-08	5.107E-06	2.112E+05
		1973	Cs-137	3.589E-08	7.580E-06	2.112E+05
		1973	H-3	1.362E-04	2.876E-02	2.112E+05
	S5G(to pond)	1973	Co-60	6.675E-08	1.654E-05	2.478E+05
		1973	Cs-137	2.314E-08	5.734E-06	2.478E+05
		1973	H-3	2.916E-04	7.225E-02	2.478E+05
	WASTE DITCH	1973	Co-60	4.164E-08	8.278E-05	1.988E+06
		1973	Cs-137	8.189E-09	1.628E-05	1.988E+06
		1973	H-3	2.595E-04	5.158E-01	1.988E+06
	A1W(to pond)	1974	Co-60	3.196E-08	4.036E-05	1.263E+06
		1974	H-3	1.120E-03	1.415E+00	1.263E+06
	S1W(to pond)	1974	Co-60	7.133E-09	9.579E-07	1.343E+05
		1974	Cs-137	3.352E-08	4.502E-06	1.343E+05
		1974	H-3	2.468E-04	3.314E-02	1.343E+05
	S5G(to pond)	1974	Co-60	4.320E-08	1.159E-05	2.683E+05
		1974	Cs-137	3.360E-08	9.015E-06	2.683E+05
		1974	H-3	5.196E-04	1.394E-01	2.683E+05
	WASTE DITCH	1974	Co-60	3.176E-08	5.291E-05	1.666E+06
		1974	Cs-137	8.115E-09	1.352E-05	1.666E+06
		1974	H-3	9.526E-04	1.587E+00	1.666E+06
	A1W(to pond)	1975	Co-60	9.426E-09	7.394E-06	7.844E+05
		1975	Cs-137	7.508E-09	5.889E-06	7.844E+05
		1975	H-3	1.136E-03	8.913E-01	7.844E+05
		1975	Sr-90	8.771E-08	6.880E-05	7.844E+05
	S1W(to pond)	1975	Co-60	1.345E-08	1.583E-06	1.177E+05
		1975	Cs-137	1.831E-08	2.155E-06	1.177E+05
		1975	H-3	1.931E-04	2.272E-02	1.177E+05
		1975	Sr-90	2.972E-08	3.498E-06	1.177E+05
	S5G(to pond)	1975	Co-60	6.142E-08	8.968E-06	1.460E+05
		1975	Cs-137	5.207E-09	7.602E-07	1.460E+05
		1975	H-3	5.984E-04	8.736E-02	1.460E+05
		1975	Sr-90	3.695E-08	5.394E-06	1.460E+05
	WASTE DITCH	1975	Co-60	1.713E-08	1.795E-05	1.048E+06

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; A1W (to pond), A1W facility discharge; S1W (to pond), S1W facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
NRF		1975	Cs-137	8.401E-09	8.804E-06	1.048E+06
		1975	H-3	9.552E-04	1.001E+00	1.048E+06
		1975	Sr-90	7.413E-08	7.769E-05	1.048E+06
	A1W(to pond)	1976	Co-60	8.959E-09	4.157E-06	4.640E+05
		1976	Cs-137	1.031E-08	4.785E-06	4.640E+05
		1976	H-3	5.802E-04	2.692E-01	4.640E+05
		1976	Sr-90	8.690E-09	4.032E-06	4.640E+05
	S1W(to pond)	1976	Co-60	1.754E-08	1.369E-06	7.806E+04
		1976	Cs-137	5.128E-09	4.003E-07	7.806E+04
		1976	H-3	3.964E-04	3.094E-02	7.806E+04
		1976	Sr-90	7.389E-09	5.768E-07	7.806E+04
	S5G(to pond)	1976	Co-60	8.045E-09	8.294E-07	1.031E+05
		1976	H-3	1.186E-03	1.223E-01	1.031E+05
		1976	Sr-90	1.879E-08	1.937E-06	1.031E+05
	WASTE DITCH	1976	Co-60	9.853E-09	6.356E-06	6.451E+05
		1976	Cs-137	8.038E-09	5.185E-06	6.451E+05
		1976	H-3	6.549E-04	4.225E-01	6.451E+05
		1976	Sr-90	1.015E-08	6.546E-06	6.451E+05
	A1W(to pond)	1977	Cs-137	7.635E-09	4.157E-06	5.445E+05
		1977	H-3	3.063E-04	1.668E-01	5.445E+05
		1977	Sr-90	2.283E-09	1.243E-06	5.445E+05
	S1W(to pond)	1977	Co-60	1.037E-08	1.016E-06	9.798E+04
		1977	H-3	3.593E-04	3.520E-02	9.798E+04
		1977	Sr-90	2.189E-09	2.145E-07	9.798E+04
	S5G(to pond)	1977	Co-60	5.004E-08	4.655E-06	9.303E+04
		1977	H-3	1.081E-03	1.006E-01	9.303E+04
		1977	Sr-90	5.412E-09	5.035E-07	9.303E+04
	WASTE DITCH	1977	Co-60	7.709E-09	5.670E-06	7.355E+05
		1977	H-3	4.116E-04	3.027E-01	7.355E+05
		1977	Sr-90	2.666E-09	1.961E-06	7.355E+05
	A1W(to pond)	1978	H-3	1.457E-03	3.514E-02	2.411E+04
		1978	Sr-90	1.572E-09	3.791E-08	2.411E+04
	S1W(to pond)	1978	Co-60	1.041E-08	6.696E-07	6.430E+04
		1978	H-3	6.946E-04	4.466E-02	6.430E+04
		1978	Sr-90	2.386E-09	1.534E-07	6.430E+04
	S5G(to pond)	1978	Co-60	4.587E-08	3.728E-06	8.128E+04
		1978	H-3	2.167E-03	1.761E-01	8.128E+04
		1978	Sr-90	2.174E-09	1.767E-07	8.128E+04
	WASTE DITCH	1978	Co-60	2.592E-08	4.393E-06	1.697E+05
		1978	H-3	1.508E-03	2.559E-01	1.697E+05
		1978	Sr-90	2.169E-09	3.680E-07	1.697E+05
	A1W(to pond)	1979	H-3	1.468E-03	1.798E-02	1.225E+04
		1979	Sr-90	5.070E-09	6.211E-08	1.225E+04
	S1W(to pond)	1979	H-3	9.697E-04	9.657E-03	9.959E+03
		1979	Sr-90	1.372E-09	1.366E-08	9.959E+03
	WASTE DITCH	1979	H-3	1.245E-03	2.764E-02	2.220E+04

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well; SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
NRF		1979	Sr-90	3.413E-09	7.577E-08	2.220E+04
PBF	DISP. WELL	1974	H-3	3.532E-06	6.340E-04	1.795E+05
	DISP. WELL	1975	Co-60	1.905E-08	3.019E-06	1.585E+05
		1975	Cs-137	1.532E-07	2.428E-05	1.585E+05
		1975	H-3	1.847E-06	2.928E-04	1.585E+05
		1975	Sr-90	4.825E-09	7.647E-07	1.585E+05
	DISP. WELL	1976	Co-60	2.393E-07	4.769E-04	1.993E+06
		1976	Cs-137	5.093E-06	1.015E-02	1.993E+06
		1976	H-3	3.976E-06	7.924E-03	1.993E+06
		1976	Sr-90	4.642E-07	9.251E-04	1.993E+06
	DISP. WELL	1977	Co-60	2.539E-08	5.442E-05	2.143E+06
	DISP. WELL	1978	Co-60	4.550E-07	2.988E-04	6.567E+05
		1978	Cs-137	2.223E-05	1.460E-02	6.567E+05
		1978	H-3	2.872E-06	1.886E-03	6.567E+05
		1978	Sr-90	2.650E-07	1.740E-04	6.567E+05
	DISP. WELL	1979	Cs-137	4.243E-04	1.951E-01	4.598E+05
		1979	H-3	3.532E-06	1.624E-03	4.598E+05
		1979	Sr-90	6.568E-07	3.020E-04	4.598E+05
	DISP. WELL	1980	Cs-137	1.447E-05	7.469E-04	5.163E+04
		1980	H-3	2.998E-06	1.548E-04	5.163E+04
		1980	Sr-90	4.941E-07	2.551E-05	5.163E+04
	DISP. WELL	1982	Cs-137	3.688E-06	2.164E-04	5.867E+04
		1982	H-3	8.786E-06	5.155E-04	5.867E+04
		1982	Sr-90	2.301E-08	1.350E-06	5.867E+04
TRA	SEEP. PONDS	1961	Cs-137	6.644E-06	5.900E+00	8.881E+08
		1961	H-3	3.412E-04	3.030E+02	8.881E+08
		1961	Sr-90	1.464E-06	1.300E+00	8.881E+08
	SEEP. PONDS	1962	Cs-137	7.556E-06	8.100E+00	1.072E+09
		1962	H-3	2.609E-04	2.797E+02	1.072E+09
		1962	Sr-90	6.530E-07	7.000E-01	1.072E+09
	SEEP. PONDS	1963	Cs-137	8.758E-06	6.700E+00	7.650E+08
		1963	H-3	5.051E-04	3.864E+02	7.650E+08
		1963	Sr-90	1.569E-06	1.200E+00	7.650E+08
	SEEP. PONDS	1964	Cs-137	7.227E-06	4.700E+00	6.503E+08
		1964	H-3	6.136E-04	3.990E+02	6.503E+08
		1964	Sr-90	2.307E-06	1.500E+00	6.503E+08

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA	SEEP. PONDS	1965	Cs-137	1.086E-05	6.000E+00	5.523E+08
		1965	H-3	5.932E-04	3.276E+02	5.523E+08
		1965	Sr-90	3.078E-06	1.700E+00	5.523E+08
	SEEP. PONDS	1966	Cs-137	8.097E-06	4.000E+00	4.940E+08
		1966	H-3	7.872E-04	3.889E+02	4.940E+08
		1966	Sr-90	3.441E-06	1.700E+00	4.940E+08
	SEEP. PONDS	1967	Cs-137	7.572E-06	5.200E+00	6.867E+08
		1967	H-3	5.854E-04	4.020E+02	6.867E+08
		1967	Sr-90	1.180E-05	8.100E+00	6.867E+08
	SEEP. PONDS	1968	Cs-137	5.901E-06	4.200E+00	7.117E+08
		1968	H-3	7.017E-04	4.994E+02	7.117E+08
		1968	Sr-90	4.356E-06	3.100E+00	7.117E+08
	SEEP. PONDS	1969	Co-60	1.972E-05	2.090E+01	1.060E+09
		1969	Cs-137	1.075E-05	1.140E+01	1.060E+09
		1969	H-3	7.057E-04	7.480E+02	1.060E+09
		1969	Sr-90	7.651E-06	8.110E+00	1.060E+09
	WASTE PONDS	1970	Co-60	1.541E-05	1.638E+01	1.063E+09
		1970	Cs-137	5.155E-06	5.480E+00	1.063E+09
		1970	H-3	6.149E-04	6.536E+02	1.063E+09
		1970	Sr-90	6.745E-06	7.170E+00	1.063E+09
	WASTE PONDS	1971	Co-60	4.663E-06	4.336E+00	9.298E+08
		1971	Cs-137	1.385E-05	1.288E+01	9.298E+08
		1971	H-3	5.813E-04	5.405E+02	9.298E+08
		1971	I-129	9.078E-07	8.442E-01	9.298E+08
		1971	Sr-90	2.616E-05	2.432E+01	9.298E+08
	WASTE PONDS	1972	Co-60	2.260E-06	1.856E+00	8.212E+08
		1972	Cs-137	7.994E-06	6.565E+00	8.212E+08
		1972	H-3	2.147E-04	1.763E+02	8.212E+08
		1972	I-129	5.848E-15	4.802E-09	8.212E+08
		1972	Sr-90	1.140E-05	9.363E+00	8.212E+08
	WASTE PONDS	1973	Co-60	3.904E-06	3.970E+00	1.017E+09
		1973	Cs-137	3.860E-06	3.926E+00	1.017E+09
		1973	H-3	1.813E-04	1.844E+02	1.017E+09
		1973	I-129	1.310E-14	1.332E-08	1.017E+09
		1973	Sr-90	4.157E-06	4.228E+00	1.017E+09
	WASTE PONDS	1974	Co-60	3.152E-06	2.937E+00	9.317E+08
		1974	Cs-137	3.695E-06	3.443E+00	9.317E+08
		1974	H-3	2.575E-04	2.399E+02	9.317E+08
		1974	I-129	2.537E-14	2.364E-08	9.317E+08
		1974	Sr-90	3.190E-07	2.972E-01	9.317E+08

Table 1.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1961-1982 yearly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA	WASTE PONDS	1975	Co-60	5.169E-06	4.304E+00	8.326E+08
		1975	Cs-137	3.182E-06	2.649E+00	8.326E+08
		1975	H-3	3.125E-04	2.602E+02	8.326E+08
		1975	I-129	2.969E-14	2.472E-08	8.326E+08
	WASTE PONDS	1976	Co-60	4.629E-06	3.510E+00	7.583E+08
		1976	Cs-137	2.601E-06	1.972E+00	7.583E+08
		1976	H-3	3.863E-04	2.929E+02	7.583E+08
		1976	I-129	5.980E-14	4.535E-08	7.583E+08
		1976	Sr-90	2.809E-07	2.130E-01	7.583E+08
	WASTE PONDS	1977	Co-60	8.520E-06	4.751E+00	5.576E+08
		1977	Cs-137	4.888E-06	2.725E+00	5.576E+08
		1977	H-3	2.504E-04	1.396E+02	5.576E+08
		1977	I-129	9.596E-15	5.350E-09	5.576E+08
	WASTE PONDS	1978	Co-60	2.779E-06	1.311E+00	4.719E+08
		1978	H-3	2.661E-04	1.256E+02	4.719E+08
		1978	I-129	1.281E-14	6.045E-09	4.719E+08
		1978	Sr-90	7.152E-06	3.375E+00	4.719E+08
	WASTE PONDS	1979	Co-60	1.266E-05	3.500E+00	2.764E+08
		1979	Cs-137	6.171E-06	1.705E+00	2.764E+08
		1979	H-3	3.812E-04	1.054E+02	2.764E+08
		1979	I-129	1.867E-14	5.161E-09	2.764E+08
		1979	Sr-90	6.030E-06	1.666E+00	2.764E+08
	WASTE PONDS	1980	Co-60	1.404E-05	3.148E+00	2.242E+08
		1980	Cs-137	1.247E-05	2.797E+00	2.242E+08
		1980	H-3	6.022E-04	1.350E+02	2.242E+08
		1980	I-129	1.206E-14	2.705E-09	2.242E+08
		1980	Sr-90	7.010E-06	1.572E+00	2.242E+08
	WASTE PONDS	1981	Co-60	3.244E-06	6.726E-01	2.085E+08
		1981	Cs-137	7.105E-06	1.481E+00	2.085E+08
		1981	H-3	9.153E-04	1.908E+02	2.085E+08
		1981	I-129	1.764E-15	3.676E-10	2.085E+08
		1981	Sr-90	2.502E-06	5.215E-01	2.085E+08
	WASTE PONDS	1982	Co-60	7.196E-06	1.398E+00	1.942E+08
		1982	Cs-137	6.470E-06	1.256E+00	1.942E+08
		1982	H-3	2.651E-03	5.148E+02	1.942E+08
		1982	I-129	3.322E-15	6.452E-10	1.942E+08
		1982	Sr-90	4.084E-06	7.931E-01	1.942E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and SSG (to pond), SSG facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
CFA	LAUNDRY	1977	01	Co-60	2.555E-07	4.165E-03	1.630E+07
		1977	01	Cs-137	4.655E-08	7.588E-04	1.630E+07
		1977	01	Sr-90	8.110E-08	1.322E-03	1.630E+07
	LAUNDRY	1977	02	Co-60	9.780E-08	1.536E-03	1.571E+07
		1977	02	Cs-137	7.100E-08	1.115E-03	1.571E+07
		1977	02	Sr-90	1.980E-08	3.111E-04	1.571E+07
	LAUNDRY	1977	03	Co-60	6.876E-08	8.678E-04	1.262E+07
		1977	03	Cs-137	1.632E-07	2.060E-03	1.262E+07
		1977	03	Sr-90	1.930E-08	2.436E-04	1.262E+07
	LAUNDRY	1977	04	Co-60	8.317E-08	1.433E-03	1.723E+07
		1977	04	Cs-137	7.540E-08	1.299E-03	1.723E+07
		1977	04	Sr-90	1.720E-08	2.964E-04	1.723E+07
	LAUNDRY	1977	05	Co-60	6.538E-07	1.068E-02	1.634E+07
		1977	05	Cs-137	1.869E-07	3.054E-03	1.634E+07
		1977	05	Sr-90	3.080E-08	5.033E-04	1.634E+07
	LAUNDRY	1977	06	Co-60	1.327E-07	2.401E-03	1.809E+07
		1977	06	Cs-137	8.591E-08	1.554E-03	1.809E+07
		1977	06	Sr-90	4.220E-08	7.634E-04	1.809E+07
	LAUNDRY	1977	07	Sr-90	1.011E-08	1.331E-04	1.317E+07
	LAUNDRY	1977	08	Sr-90	1.597E-08	2.349E-04	1.471E+07
	LAUNDRY	1977	09	Sr-90	2.295E-08	3.190E-04	1.390E+07
	LAUNDRY	1977	10	Sr-90	1.432E-08	2.220E-04	1.550E+07
	LAUNDRY	1977	11	Sr-90	3.081E-08	4.036E-04	1.310E+07
	LAUNDRY	1977	12	Sr-90	2.559E-08	2.861E-04	1.118E+07
	LAUNDRY	1978	01	Sr-90	3.595E-08	3.886E-04	1.081E+07
	LAUNDRY	1978	02	Sr-90	3.054E-08	3.359E-04	1.100E+07
	LAUNDRY	1978	03	Sr-90	1.405E-08	1.309E-04	9.316E+06
	LAUNDRY	1978	04	Sr-90	4.373E-08	5.691E-04	1.300E+07
	LAUNDRY	1978	05	Sr-90	1.622E-08	1.966E-04	1.212E+07
	LAUNDRY	1978	06	Sr-90	2.541E-08	3.504E-05	1.379E+06
	LAUNDRY	1978	07	Sr-90	5.216E-09	1.098E-04	2.105E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
CFA	LAUNDRY	1978	08	Sr-90	7.838E-09	1.311E-04	1.673E+07
	LAUNDRY	1978	09	Sr-90	1.973E-08	4.021E-04	2.038E+07
	LAUNDRY	1978	10	Sr-90	1.216E-08	1.661E-04	1.366E+07
	LAUNDRY	1978	11	Sr-90	3.081E-09	4.877E-05	1.583E+07
	LAUNDRY	1978	12	Sr-90	3.243E-08	4.501E-04	1.388E+07
	LAUNDRY	1979	01	Cs-137	1.430E-07	1.880E-03	1.315E+07
		1979	01	Sr-90	5.405E-08	7.108E-04	1.315E+07
	LAUNDRY	1979	02	Sr-90	1.054E-08	1.678E-04	1.592E+07
	LAUNDRY	1979	03	Sr-90	1.649E-08	2.104E-04	1.276E+07
	LAUNDRY	1979	04	Sr-90	5.135E-08	6.583E-04	1.282E+07
	LAUNDRY	1979	05	Sr-90	3.324E-08	4.610E-04	1.387E+07
	LAUNDRY	1979	06	Sr-90	3.324E-09	4.172E-05	1.255E+07
	LAUNDRY	1979	07	Sr-90	1.108E-08	1.361E-04	1.228E+07
	LAUNDRY	1979	08	Sr-90	2.973E-09	3.779E-05	1.271E+07
	LAUNDRY	1979	09	Sr-90	7.730E-09	6.536E-05	8.456E+06
	LAUNDRY	1979	10	Sr-90	5.405E-09	8.632E-05	1.597E+07
	LAUNDRY	1979	11	Cs-137	1.901E-07	1.785E-03	9.388E+06
		1979	11	H-3	2.676E-05	2.512E-01	9.388E+06
		1979	11	Sr-90	1.027E-08	9.641E-05	9.388E+06
	LAUNDRY	1979	12	H-3	2.595E-05	2.484E-01	9.573E+06
		1979	12	Sr-90	7.568E-09	7.245E-05	9.573E+06
	LAUNDRY	1980	01	H-3	2.459E-05	2.747E-01	1.117E+07
		1980	01	Sr-90	1.270E-08	1.419E-04	1.117E+07
	LAUNDRY	1980	02	H-3	2.595E-05	4.095E-01	1.578E+07
		1980	02	Sr-90	1.405E-07	2.217E-03	1.578E+07
	LAUNDRY	1980	03	H-3	2.568E-05	3.657E-01	1.424E+07
		1980	03	Sr-90	1.946E-08	2.771E-04	1.424E+07
	LAUNDRY	1980	04	H-3	2.595E-05	2.699E-01	1.040E+07
		1980	04	Sr-90	8.649E-09	8.995E-05	1.040E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
CFA	LAUNDRY	1980	05	H-3	2.622E-05	4.788E-01	1.826E+07
		1980	05	Sr-90	5.946E-09	1.086E-04	1.826E+07
	LAUNDRY	1980	06	H-3	1.919E-05	2.925E-01	1.524E+07
		1980	06	Sr-90	9.730E-09	1.483E-04	1.524E+07
	LAUNDRY	1980	07	H-3	2.486E-05	3.883E-01	1.562E+07
		1980	07	Sr-90	5.676E-09	8.866E-05	1.562E+07
	LAUNDRY	1980	08	H-3	2.189E-05	3.577E-01	1.634E+07
		1980	08	Sr-90	5.135E-09	8.391E-05	1.634E+07
	LAUNDRY	1980	09	H-3	2.081E-05	4.172E-01	2.005E+07
		1980	09	Sr-90	2.432E-09	4.876E-05	2.005E+07
	LAUNDRY	1980	10	H-3	2.000E-05	2.218E-01	1.109E+07
		1980	10	Sr-90	5.676E-09	6.295E-05	1.109E+07
	LAUNDRY	1980	11	H-3	2.000E-05	3.176E-01	1.588E+07
		1980	11	Sr-90	1.189E-08	1.888E-04	1.588E+07
	LAUNDRY	1980	12	H-3	2.486E-05	3.617E-01	1.455E+07
		1980	12	Sr-90	2.676E-09	3.894E-05	1.455E+07
	LAUNDRY	1981	01	H-3	2.405E-05	3.076E-01	1.279E+07
		1981	01	Sr-90	2.973E-09	3.802E-05	1.279E+07
	LAUNDRY	1981	02	H-3	2.432E-05	2.208E-01	9.077E+06
		1981	02	Sr-90	2.162E-09	1.962E-05	9.077E+06
	LAUNDRY	1981	03	H-3	2.549E-05	2.865E-01	1.124E+07
		1981	03	Sr-90	4.324E-09	4.860E-05	1.124E+07
	LAUNDRY	1981	04	H-3	2.459E-05	2.899E-01	1.179E+07
		1981	04	Sr-90	3.243E-09	3.823E-05	1.179E+07
	LAUNDRY	1981	05	H-3	2.405E-05	3.213E-01	1.336E+07
		1981	05	Sr-90	1.622E-09	2.167E-05	1.336E+07
	LAUNDRY	1981	06	H-3	2.351E-05	2.494E-01	1.061E+07
		1981	06	Sr-90	3.784E-09	4.015E-05	1.061E+07
	LAUNDRY	1981	07	H-3	2.378E-05	2.594E-01	1.091E+07
		1981	07	Sr-90	2.162E-09	2.359E-05	1.091E+07
	LAUNDRY	1981	08	H-3	2.135E-05	3.023E-01	1.416E+07
		1981	08	Sr-90	1.892E-09	2.679E-05	1.416E+07
	LAUNDRY	1981	09	H-3	2.405E-05	1.950E-01	8.108E+06
		1981	09	Sr-90	3.243E-09	2.629E-05	8.108E+06

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
CFA	LAUNDRY	1981	10	H-3	2.432E-05	3.631E-01	1.493E+07
		1981	10	Sr-90	5.405E-09	8.070E-05	1.493E+07
	LAUNDRY	1981	11	H-3	2.324E-05	3.686E-01	1.586E+07
		1981	11	Sr-90	5.135E-09	8.144E-05	1.586E+07
	LAUNDRY	1981	12	H-3	2.432E-05	4.149E-01	1.706E+07
		1981	12	Sr-90	3.514E-09	5.995E-05	1.706E+07
	LAUNDRY	1982	01	H-3	2.459E-05	3.890E-01	1.582E+07
		1982	01	Sr-90	2.432E-09	3.847E-05	1.582E+07
	LAUNDRY	1982	02	H-3	2.459E-05	2.830E-01	1.151E+07
		1982	02	Sr-90	2.270E-09	2.613E-05	1.151E+07
	LAUNDRY	1982	03	H-3	2.320E-05	3.879E-01	1.672E+07
		1982	03	Sr-90	3.244E-09	5.424E-05	1.672E+07
	LAUNDRY	1982	04	H-3	2.433E-05	5.345E-01	2.197E+07
		1982	04	Sr-90	2.243E-09	4.928E-05	2.197E+07
	LAUNDRY	1982	05	H-3	2.595E-05	4.360E-01	1.680E+07
		1982	05	Sr-90	2.271E-09	3.815E-05	1.680E+07
	LAUNDRY	1982	06	H-3	2.379E-05	2.912E-01	1.224E+07
		1982	06	Sr-90	1.784E-09	2.184E-05	1.224E+07
	LAUNDRY	1982	07	H-3	2.595E-05	3.298E-01	1.271E+07
		1982	07	Sr-90	1.703E-08	2.165E-04	1.271E+07
	LAUNDRY	1982	08	H-3	3.163E-05	4.646E-01	1.469E+07
		1982	08	Sr-90	1.324E-09	1.945E-05	1.469E+07
	LAUNDRY	1982	09	H-3	3.217E-05	7.602E-01	2.363E+07
		1982	09	Sr-90	2.973E-09	7.025E-05	2.363E+07
	LAUNDRY	1982	10	H-3	2.992E-05	5.089E-01	1.701E+07
		1982	10	Sr-90	7.107E-09	1.209E-04	1.701E+07
	LAUNDRY	1982	11	H-3	3.163E-05	6.870E-02	2.172E+06
		1982	11	Sr-90	2.216E-09	4.813E-06	2.172E+06
	LAUNDRY	1982	12	H-3	3.298E-05	5.471E-01	1.659E+07
		1982	12	Sr-90	5.676E-09	9.416E-05	1.659E+07
ICPP	DISP. WELL	1977	01	Cs-137	5.997E-07	6.189E-02	1.032E+08
		1977	01	H-3	3.050E-04	3.148E+01	1.032E+08
		1977	01	I-129	2.530E-08	2.611E-03	1.032E+08
		1977	01	Sr-90	1.816E-07	1.874E-02	1.032E+08
	DISP. WELL	1977	02	Cs-137	2.786E-07	3.009E-02	1.080E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP		1977	02	H-3	4.540E-05	4.903E+00	1.080E+08
		1977	02	I-129	1.050E-08	1.134E-03	1.080E+08
		1977	02	Sr-90	6.217E-08	6.714E-03	1.080E+08
	DISP. WELL	1977	03	Co-60	2.259E-09	3.509E-04	1.553E+08
		1977	03	Cs-137	6.568E-07	1.020E-01	1.553E+08
		1977	03	H-3	2.962E-05	4.600E+00	1.553E+08
		1977	03	I-129	1.648E-08	2.560E-03	1.553E+08
		1977	03	Sr-90	6.954E-07	1.080E-01	1.553E+08
	DISP. WELL	1977	04	Co-60	3.408E-09	7.219E-04	2.118E+08
		1977	04	Cs-137	6.440E-07	1.364E-01	2.118E+08
		1977	04	H-3	8.971E-04	1.900E+02	2.118E+08
		1977	04	I-129	7.507E-09	1.590E-03	2.118E+08
		1977	04	Sr-90	3.621E-07	7.670E-02	2.118E+08
	DISP. WELL	1977	05	Co-60	3.253E-09	6.103E-04	1.876E+08
		1977	05	Cs-137	4.104E-07	7.699E-02	1.876E+08
		1977	05	H-3	8.795E-04	1.650E+02	1.876E+08
		1977	05	I-129	2.537E-09	4.760E-04	1.876E+08
		1977	05	Sr-90	1.205E-07	2.260E-02	1.876E+08
	DISP. WELL	1977	06	Co-60	1.138E-10	1.750E-05	1.538E+08
		1977	06	Cs-137	1.040E-07	1.600E-02	1.538E+08
		1977	06	H-3	9.623E-04	1.480E+02	1.538E+08
		1977	06	I-129	1.021E-08	1.570E-03	1.538E+08
		1977	06	Sr-90	5.332E-08	8.200E-03	1.538E+08
	DISP. WELL	1977	07	H-3	1.730E-05	1.260E+00	7.283E+07
		1977	07	I-129	2.801E-09	2.040E-04	7.283E+07
		1977	07	Sr-90	1.332E-08	9.700E-04	7.283E+07
	DISP. WELL	1977	08	Cs-137	1.778E-08	1.390E-03	7.818E+07
		1977	08	H-3	2.673E-05	2.090E+00	7.818E+07
		1977	08	I-129	4.886E-09	3.820E-04	7.818E+07
		1977	08	Sr-90	1.829E-08	1.430E-03	7.818E+07
	DISP. WELL	1977	09	Co-60	5.818E-10	5.975E-05	1.027E+08
		1977	09	Cs-137	3.963E-08	4.070E-03	1.027E+08
		1977	09	H-3	1.580E-04	1.623E+01	1.027E+08
		1977	09	I-129	1.986E-09	2.040E-04	1.027E+08
		1977	09	Sr-90	1.532E-08	1.573E-03	1.027E+08
	DISP. WELL	1977	10	Co-60	5.908E-10	7.279E-05	1.232E+08
		1977	10	Cs-137	2.524E-07	3.110E-02	1.232E+08
		1977	10	H-3	4.811E-04	5.927E+01	1.232E+08
		1977	10	I-129	2.840E-09	3.499E-04	1.232E+08
		1977	10	Sr-90	1.046E-07	1.289E-02	1.232E+08
	DISP. WELL	1977	11	Cs-137	1.476E-07	1.960E-02	1.328E+08
		1977	11	H-3	5.109E-04	6.785E+01	1.328E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and SSG (to pond), SSG facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP		1977	11	I-129	2.610E-08	3.466E-03	1.328E+08
		1977	11	Sr-90	5.163E-08	6.857E-03	1.328E+08
	DISP. WELL	1977	12	Co-60	2.551E-10	3.908E-05	1.532E+08
		1977	12	Cs-137	1.332E-07	2.040E-02	1.532E+08
		1977	12	H-3	2.832E-04	4.338E+01	1.532E+08
		1977	12	I-129	3.440E-08	5.270E-03	1.532E+08
		1977	12	Sr-90	3.809E-08	5.836E-03	1.532E+08
	DISP. WELL	1978	01	H-3	4.403E-04	7.361E+01	1.672E+08
		1978	01	Sr-90	4.981E-07	8.329E-02	1.672E+08
	DISP. WELL	1978	02	Co-60	2.931E-09	5.680E-04	1.938E+08
		1978	02	Cs-137	2.054E-07	3.980E-02	1.938E+08
		1978	02	H-3	1.967E-04	3.813E+01	1.938E+08
		1978	02	I-129	1.660E-08	3.217E-03	1.938E+08
		1978	02	Sr-90	2.438E-08	4.725E-03	1.938E+08
	DISP. WELL	1978	03	Cs-137	1.922E-07	2.270E-02	1.181E+08
		1978	03	H-3	1.249E-04	1.475E+01	1.181E+08
		1978	03	I-129	6.340E-08	7.488E-03	1.181E+08
		1978	03	Sr-90	1.273E-07	1.504E-02	1.181E+08
	DISP. WELL	1978	04	Co-60	1.559E-09	1.910E-04	1.225E+08
		1978	04	Cs-137	8.245E-07	1.010E-01	1.225E+08
		1978	04	H-3	3.272E-04	4.008E+01	1.225E+08
		1978	04	I-129	2.576E-08	3.156E-03	1.225E+08
		1978	04	Sr-90	3.893E-07	4.769E-02	1.225E+08
	DISP. WELL	1978	05	Co-60	1.362E-08	1.900E-03	1.395E+08
		1978	05	Cs-137	1.262E-06	1.760E-01	1.395E+08
		1978	05	H-3	1.351E-04	1.885E+01	1.395E+08
		1978	05	I-129	3.500E-08	4.883E-03	1.395E+08
		1978	05	Sr-90	4.134E-07	5.767E-02	1.395E+08
	DISP. WELL	1978	06	Co-60	4.349E-09	5.710E-04	1.313E+08
		1978	06	Cs-137	2.628E-06	3.450E-01	1.313E+08
		1978	06	H-3	3.244E-04	4.260E+01	1.313E+08
		1978	06	I-129	3.212E-08	4.219E-03	1.313E+08
		1978	06	Sr-90	5.219E-07	6.852E-02	1.313E+08
	DISP. WELL	1978	07	Co-60	5.854E-09	7.423E-04	1.268E+08
		1978	07	Cs-137	2.546E-06	3.228E-01	1.268E+08
		1978	07	H-3	2.000E-04	2.536E+01	1.268E+08
		1978	07	I-129	1.230E-07	1.560E-02	1.268E+08
		1978	07	Sr-90	3.513E-07	4.455E-02	1.268E+08
	DISP. WELL	1978	08	Co-60	2.930E-09	3.580E-04	1.222E+08
		1978	08	Cs-137	2.480E-06	3.030E-01	1.222E+08
		1978	08	H-3	2.758E-04	3.370E+01	1.222E+08
		1978	08	I-129	2.455E-07	3.000E-02	1.222E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP		1978	08	Sr-90	6.547E-07	8.000E-02	1.222E+08
	DISP. WELL	1978	09	Co-60	2.956E-09	3.938E-04	1.332E+08
		1978	09	Cs-137	1.191E-06	1.586E-01	1.332E+08
		1978	09	H-3	1.671E-04	2.226E+01	1.332E+08
		1978	09	I-129	1.458E-07	1.942E-02	1.332E+08
		1978	09	Sr-90	3.638E-07	4.846E-02	1.332E+08
	DISP. WELL	1978	10	Co-60	4.232E-09	5.464E-04	1.291E+08
		1978	10	Cs-137	2.002E-06	2.585E-01	1.291E+08
		1978	10	H-3	3.459E-05	4.466E+00	1.291E+08
		1978	10	I-129	3.020E-07	3.899E-02	1.291E+08
		1978	10	Sr-90	6.567E-07	8.478E-02	1.291E+08
	DISP. WELL	1978	11	Co-60	1.367E-09	2.000E-04	1.463E+08
		1978	11	Cs-137	3.718E-07	5.440E-02	1.463E+08
		1978	11	H-3	7.314E-06	1.070E+00	1.463E+08
		1978	11	I-129	3.964E-08	5.800E-03	1.463E+08
		1978	11	Sr-90	4.293E-08	6.280E-03	1.463E+08
	DISP. WELL	1978	12	Co-60	5.240E-09	4.721E-04	9.009E+07
		1978	12	Cs-137	1.836E-06	1.654E-01	9.009E+07
		1978	12	H-3	8.667E-06	7.808E-01	9.009E+07
		1978	12	I-129	3.004E-08	2.706E-03	9.009E+07
		1978	12	Sr-90	5.417E-07	4.880E-02	9.009E+07
	DISP. WELL	1979	01	Co-60	1.187E-09	1.330E-04	1.120E+08
		1979	01	Cs-137	1.217E-06	1.363E-01	1.120E+08
		1979	01	H-3	4.598E-06	5.150E-01	1.120E+08
		1979	01	Sr-90	7.080E-07	7.930E-02	1.120E+08
	DISP. WELL	1979	02	Cs-137	4.602E-07	4.910E-02	1.067E+08
		1979	02	H-3	4.067E-06	4.340E-01	1.067E+08
		1979	02	Sr-90	1.338E-07	1.428E-02	1.067E+08
	DISP. WELL	1979	03	Cs-137	2.409E-07	2.120E-02	8.800E+07
		1979	03	H-3	5.670E-06	4.990E-01	8.800E+07
		1979	03	Sr-90	6.080E-08	5.350E-03	8.800E+07
	DISP. WELL	1979	04	Co-60	2.496E-09	3.370E-04	1.350E+08
		1979	04	Cs-137	6.963E-07	9.400E-02	1.350E+08
		1979	04	H-3	2.978E-06	4.020E-01	1.350E+08
		1979	04	Sr-90	7.044E-07	9.510E-02	1.350E+08
	DISP. WELL	1979	05	Cs-137	4.813E-08	6.560E-03	1.363E+08
		1979	05	H-3	2.949E-06	4.020E-01	1.363E+08
		1979	05	Sr-90	4.028E-08	5.490E-03	1.363E+08
	DISP. WELL	1979	06	Cs-137	1.859E-07	3.090E-02	1.662E+08
		1979	06	H-3	3.321E-05	5.520E+00	1.662E+08
		1979	06	Sr-90	5.319E-08	8.840E-03	1.662E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Month	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
ICPP	DISP. WELL	1979	07	Cs-137	3.432E-07	5.340E-02	1.556E+08
		1979	07	H-3	1.620E-04	2.520E+01	1.556E+08
		1979	07	Sr-90	2.429E-07	3.780E-02	1.556E+08
	DISP. WELL	1979	08	Cs-137	1.050E-06	1.900E-01	1.810E+08
		1979	08	H-3	6.464E-04	1.170E+02	1.810E+08
		1979	08	Sr-90	5.912E-08	1.070E-02	1.810E+08
	DISP. WELL	1979	09	Cs-137	8.966E-07	1.040E-01	1.160E+08
		1979	09	H-3	4.793E-04	5.560E+01	1.160E+08
		1979	09	Sr-90	1.879E-07	2.180E-02	1.160E+08
	DISP. WELL	1979	10	Cs-137	2.784E-06	1.840E-01	6.610E+07
		1979	10	H-3	8.381E-05	5.540E+00	6.610E+07
		1979	10	Sr-90	1.189E-06	7.860E-02	6.610E+07
	DISP. WELL	1979	11	Cs-137	7.350E-07	7.210E-02	9.810E+07
		1979	11	H-3	3.242E-06	3.180E-01	9.810E+07
		1979	11	Sr-90	4.618E-07	4.530E-02	9.810E+07
	DISP. WELL	1979	12	Cs-137	2.472E-07	2.230E-02	9.020E+07
		1979	12	H-3	1.486E-04	1.340E+01	9.020E+07
		1979	12	Sr-90	9.457E-08	8.530E-03	9.020E+07
	DISP. WELL	1980	01	Cs-137	1.732E-06	1.460E-01	8.430E+07
		1980	01	H-3	2.728E-04	2.300E+01	8.430E+07
		1980	01	Sr-90	3.974E-07	3.350E-02	8.430E+07
	DISP. WELL	1980	02	Cs-137	1.627E-06	1.790E-01	1.100E+08
		1980	02	H-3	8.918E-06	9.810E-01	1.100E+08
		1980	02	I-129	1.155E-08	1.270E-03	1.100E+08
		1980	02	Sr-90	6.491E-07	7.140E-02	1.100E+08
	DISP. WELL	1980	03	Co-60	6.436E-09	6.500E-04	1.010E+08
		1980	03	Cs-137	9.287E-07	9.380E-02	1.010E+08
		1980	03	H-3	2.109E-04	2.130E+01	1.010E+08
		1980	03	Sr-90	4.752E-07	4.800E-02	1.010E+08
	DISP. WELL	1980	04	Cs-137	1.151E-07	1.297E-02	1.127E+08
		1980	04	H-3	8.864E-05	9.990E+00	1.127E+08
		1980	04	Sr-90	7.524E-08	8.480E-03	1.127E+08
	DISP. WELL	1980	05	Cs-137	7.054E-07	6.454E-02	9.150E+07
		1980	05	H-3	8.645E-05	7.910E+00	9.150E+07
		1980	05	Sr-90	2.402E-07	2.198E-02	9.150E+07
	DISP. WELL	1980	06	Cs-137	3.168E-07	3.000E-02	9.470E+07
		1980	06	H-3	1.222E-04	1.157E+01	9.470E+07
		1980	06	Sr-90	1.000E-07	9.470E-03	9.470E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Month	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
ICPP	DISP. WELL	1980	07	Co-60	2.460E-09	2.740E-04	1.114E+08
		1980	07	Cs-137	2.038E-06	2.270E-01	1.114E+08
		1980	07	H-3	4.327E-06	4.820E-01	1.114E+08
		1980	07	Sr-90	1.023E-06	1.140E-01	1.114E+08
	DISP. WELL	1980	08	Cs-137	8.911E-08	1.309E-02	1.469E+08
		1980	08	H-3	2.328E-06	3.420E-01	1.469E+08
		1980	08	I-129	1.566E-09	2.300E-04	1.469E+08
		1980	08	Sr-90	9.190E-08	1.350E-02	1.469E+08
	DISP. WELL	1980	09	Cs-137	3.742E-08	5.040E-03	1.347E+08
		1980	09	H-3	6.503E-06	8.760E-01	1.347E+08
		1980	09	I-129	2.183E-09	2.940E-04	1.347E+08
		1980	09	Sr-90	2.116E-08	2.850E-03	1.347E+08
	DISP. WELL	1980	10	Cs-137	9.356E-09	1.410E-03	1.507E+08
		1980	10	H-3	3.165E-05	4.770E+00	1.507E+08
		1980	10	I-129	1.128E-08	1.700E-03	1.507E+08
		1980	10	Sr-90	8.958E-09	1.350E-03	1.507E+08
	DISP. WELL	1980	11	Cs-137	9.489E-09	1.670E-03	1.760E+08
		1980	11	H-3	1.136E-04	2.000E+01	1.760E+08
		1980	11	I-129	4.824E-08	8.490E-03	1.760E+08
		1980	11	Sr-90	7.273E-09	1.280E-03	1.760E+08
	DISP. WELL	1980	12	Co-60	5.289E-10	1.060E-04	2.004E+08
		1980	12	Cs-137	2.041E-08	4.090E-03	2.004E+08
		1980	12	H-3	4.102E-05	8.220E+00	2.004E+08
		1980	12	I-129	2.375E-08	4.760E-03	2.004E+08
		1980	12	Sr-90	1.377E-08	2.760E-03	2.004E+08
	DISP. WELL	1981	01	Cs-137	1.667E-08	2.100E-03	1.260E+08
		1981	01	H-3	2.302E-04	2.900E+01	1.260E+08
		1981	01	I-129	4.889E-08	6.160E-03	1.260E+08
		1981	01	Sr-90	1.865E-08	2.350E-03	1.260E+08
	DISP. WELL	1981	02	Cs-137	5.374E-08	8.560E-03	1.593E+08
		1981	02	H-3	1.894E-04	3.017E+01	1.593E+08
		1981	02	I-129	3.902E-08	6.216E-03	1.593E+08
		1981	02	Sr-90	2.056E-08	3.276E-03	1.593E+08
	DISP. WELL	1981	03	Cs-137	7.388E-08	1.239E-02	1.677E+08
		1981	03	H-3	2.458E-04	4.122E+01	1.677E+08
		1981	03	I-129	2.448E-08	4.105E-03	1.677E+08
		1981	03	Sr-90	4.187E-08	7.021E-03	1.677E+08
	DISP. WELL	1981	04	Cs-137	1.842E-07	4.200E-02	2.280E+08
		1981	04	H-3	4.605E-04	1.050E+02	2.280E+08
		1981	04	I-129	7.895E-09	1.800E-03	2.280E+08
		1981	04	Sr-90	4.561E-08	1.040E-02	2.280E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Month	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
ICPP	DISP. WELL	1981	05	Cs-137	5.317E-07	7.550E-02	1.420E+08
		1981	05	H-3	2.866E-04	4.070E+01	1.420E+08
		1981	05	I-129	2.148E-08	3.050E-03	1.420E+08
		1981	05	Sr-90	1.810E-07	2.570E-02	1.420E+08
	DISP. WELL	1981	06	Cs-137	3.296E-07	5.340E-02	1.620E+08
		1981	06	H-3	1.302E-04	2.110E+01	1.620E+08
		1981	06	I-129	2.926E-08	4.740E-03	1.620E+08
	DISP. WELL	1981	07	Co-60	1.243E-09	1.840E-04	1.480E+08
		1981	07	Cs-137	1.939E-07	2.870E-02	1.480E+08
		1981	07	H-3	1.696E-04	2.510E+01	1.480E+08
		1981	07	I-129	3.939E-08	5.830E-03	1.480E+08
		1981	07	Sr-90	1.365E-07	2.020E-02	1.480E+08
	DISP. WELL	1981	08	Cs-137	3.164E-07	5.220E-02	1.650E+08
		1981	08	H-3	1.303E-04	2.150E+01	1.650E+08
		1981	08	I-129	3.782E-08	6.240E-03	1.650E+08
		1981	08	Sr-90	8.121E-08	1.340E-02	1.650E+08
	DISP. WELL	1981	09	Cs-137	2.160E-07	4.190E-02	1.940E+08
		1981	09	H-3	1.000E-04	1.940E+01	1.940E+08
		1981	09	I-129	7.938E-09	1.540E-03	1.940E+08
		1981	09	Sr-90	1.567E-07	3.040E-02	1.940E+08
	DISP. WELL	1981	10	Co-60	4.583E-09	7.700E-04	1.680E+08
		1981	10	Cs-137	2.696E-07	4.530E-02	1.680E+08
		1981	10	H-3	6.429E-05	1.080E+01	1.680E+08
		1981	10	I-129	6.667E-09	1.120E-03	1.680E+08
		1981	10	Sr-90	1.673E-07	2.810E-02	1.680E+08
	DISP. WELL	1981	11	Co-60	1.430E-09	2.760E-04	1.930E+08
		1981	11	Cs-137	1.974E-07	3.810E-02	1.930E+08
		1981	11	H-3	6.477E-05	1.250E+01	1.930E+08
		1981	11	I-129	1.368E-08	2.640E-03	1.930E+08
		1981	11	Sr-90	1.244E-07	2.400E-02	1.930E+08
	DISP. WELL	1981	12	Cs-137	1.134E-07	1.860E-02	1.640E+08
		1981	12	H-3	1.793E-05	2.940E+00	1.640E+08
		1981	12	I-129	3.884E-09	6.370E-04	1.640E+08
		1981	12	Sr-90	1.524E-07	2.500E-02	1.640E+08
	DISP. WELL	1982	01	Cs-137	6.631E-08	1.240E-02	1.870E+08
		1982	01	H-3	8.342E-05	1.560E+01	1.870E+08
		1982	01	I-129	4.412E-09	8.250E-04	1.870E+08
		1982	01	Sr-90	4.861E-08	9.090E-03	1.870E+08
	DISP. WELL	1982	02	Cs-137	6.595E-08	1.220E-02	1.850E+08
		1982	02	H-3	7.027E-05	1.300E+01	1.850E+08
		1982	02	I-129	3.135E-09	5.800E-04	1.850E+08
		1982	02	Sr-90	3.514E-08	6.500E-03	1.850E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP	DISP. WELL	1982	03	Cs-137	1.492E-07	2.790E-02	1.870E+08
		1982	03	H-3	8.930E-05	1.670E+01	1.870E+08
		1982	03	I-129	2.797E-09	5.230E-04	1.870E+08
		1982	03	Sr-90	1.353E-07	2.530E-02	1.870E+08
	DISP. WELL	1982	04	Co-60	1.995E-09	3.830E-04	1.920E+08
		1982	04	Cs-137	1.104E-07	2.120E-02	1.920E+08
		1982	04	H-3	2.411E-05	4.630E+00	1.920E+08
		1982	04	I-129	2.578E-09	4.950E-04	1.920E+08
		1982	04	Sr-90	9.219E-08	1.770E-02	1.920E+08
	DISP. WELL	1982	05	Cs-137	1.053E-07	1.670E-02	1.586E+08
		1982	05	H-3	1.892E-05	3.000E+00	1.586E+08
		1982	05	I-129	2.919E-09	4.630E-04	1.586E+08
		1982	05	Sr-90	3.789E-08	6.010E-03	1.586E+08
	DISP. WELL	1982	06	Cs-137	8.048E-08	1.690E-02	2.100E+08
		1982	06	H-3	1.110E-05	2.330E+00	2.100E+08
		1982	06	I-129	1.586E-09	3.330E-04	2.100E+08
		1982	06	Sr-90	7.857E-08	1.650E-02	2.100E+08
	DISP. WELL	1982	07	Cs-137	1.284E-07	1.720E-02	1.340E+08
		1982	07	H-3	1.030E-05	1.380E+00	1.340E+08
		1982	07	I-129	9.552E-09	1.280E-03	1.340E+08
		1982	07	Sr-90	8.657E-09	1.160E-03	1.340E+08
	DISP. WELL	1982	08	Cs-137	3.493E-08	4.820E-03	1.380E+08
		1982	08	H-3	2.703E-06	3.730E-01	1.380E+08
		1982	08	I-129	5.058E-10	6.980E-05	1.380E+08
		1982	08	Sr-90	1.638E-08	2.260E-03	1.380E+08
	DISP. WELL	1982	09	Cs-137	7.477E-08	1.200E-02	1.605E+08
		1982	09	H-3	1.078E-04	1.730E+01	1.605E+08
		1982	09	I-129	7.290E-09	1.170E-03	1.605E+08
		1982	09	Sr-90	6.978E-08	1.120E-02	1.605E+08
	DISP. WELL	1982	10	Cs-137	9.072E-07	1.760E-01	1.940E+08
		1982	10	H-3	2.701E-06	5.240E-01	1.940E+08
		1982	10	I-129	1.119E-09	2.170E-04	1.940E+08
		1982	10	Sr-90	2.500E-08	4.850E-03	1.940E+08
	DISP. WELL	1982	11	Cs-137	5.634E-07	5.690E-02	1.010E+08
		1982	11	H-3	1.366E-07	1.380E-02	1.010E+08
		1982	11	I-129	4.931E-08	4.980E-03	1.010E+08
		1982	11	Sr-90	2.644E-08	2.670E-03	1.010E+08
	DISP. WELL	1982	12	Co-60	1.512E-08	3.040E-03	2.010E+08
		1982	12	Cs-137	8.010E-08	1.610E-02	2.010E+08
		1982	12	H-3	4.100E-04	8.240E+01	2.010E+08
		1982	12	I-129	2.174E-08	4.370E-03	2.010E+08

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
ICPP		1982	12	Sr-90	2.701E-07	5.430E-02	2.010E+08
NRF	A1W(to pond)	1977	01	H-3	2.610E-04	2.308E-02	8.842E+04
		1977	01	Sr-90	4.620E-09	4.085E-07	8.842E+04
	S1W(to pond)	1977	01	H-3	2.900E-04	1.603E-03	5.527E+03
		1977	01	Sr-90	1.180E-08	6.522E-08	5.527E+03
	WASTE DITCH	1977	01	H-3	2.627E-04	2.468E-02	9.395E+04
		1977	01	Sr-90	5.042E-09	4.737E-07	9.395E+04
	A1W(to pond)	1977	02	H-3	1.840E-04	1.192E-02	6.480E+04
		1977	02	Sr-90	1.480E-09	9.590E-08	6.480E+04
	S1W(to pond)	1977	02	H-3	2.890E-04	2.439E-03	8.441E+03
		1977	02	Sr-90	3.190E-09	2.693E-08	8.441E+03
	WASTE DITCH	1977	02	H-3	1.961E-04	1.436E-02	7.324E+04
		1977	02	Sr-90	1.677E-09	1.228E-07	7.324E+04
	A1W(to pond)	1977	03	H-3	2.250E-04	9.479E-03	4.213E+04
		1977	03	Sr-90	1.260E-09	5.308E-08	4.213E+04
	S1W(to pond)	1977	03	Co-60	2.070E-08	5.877E-08	2.839E+03
		1977	03	H-3	5.240E-04	1.488E-03	2.839E+03
		1977	03	Sr-90	2.220E-09	6.303E-09	2.839E+03
	WASTE DITCH	1977	03	Co-60	1.307E-09	5.877E-08	4.497E+04
		1977	03	H-3	2.439E-04	1.097E-02	4.497E+04
		1977	03	Sr-90	1.320E-09	5.938E-08	4.497E+04
	A1W(to pond)	1977	04	H-3	3.500E-04	2.072E-02	5.920E+04
		1977	04	Sr-90	2.600E-10	1.539E-08	5.920E+04
	S1W(to pond)	1977	04	H-3	4.070E-04	2.919E-03	7.173E+03
		1977	04	Sr-90	5.610E-10	4.024E-09	7.173E+03
	WASTE DITCH	1977	04	Co-60	2.758E-08	2.783E-06	1.009E+05
		1977	04	H-3	5.898E-04	5.951E-02	1.009E+05
		1977	04	Sr-90	7.529E-10	7.597E-08	1.009E+05
	A1W(to pond)	1977	05	H-3	4.700E-04	1.930E-02	4.107E+04
		1977	05	Sr-90	1.780E-09	7.310E-08	4.107E+04
	S1W(to pond)	1977	05	H-3	5.600E-04	5.426E-03	9.690E+03
		1977	05	Sr-90	2.560E-09	2.481E-08	9.690E+03
	WASTE DITCH	1977	05	Co-60	1.045E-08	6.741E-07	6.449E+04
		1977	05	H-3	5.281E-04	3.406E-02	6.449E+04
		1977	05	Sr-90	3.774E-09	2.434E-07	6.449E+04
	A1W(to pond)	1977	06	Cs-137	6.070E-08	4.157E-06	6.848E+04
		1977	06	H-3	4.300E-04	2.945E-02	6.848E+04
		1977	06	Sr-90	1.210E-09	8.286E-08	6.848E+04
	S1W(to pond)	1977	06	Co-60	2.880E-08	8.176E-08	2.839E+03
		1977	06	H-3	2.780E-04	7.892E-04	2.839E+03
		1977	06	Sr-90	3.920E-09	1.113E-08	2.839E+03
	WASTE DITCH	1977	06	Co-60	4.662E-09	4.072E-07	8.735E+04
		1977	06	Cs-137	4.759E-08	4.157E-06	8.735E+04
		1977	06	H-3	5.267E-04	4.601E-02	8.735E+04
		1977	06	Sr-90	1.274E-09	1.113E-07	8.735E+04

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
NRF	A1W(to pond)	1977	07	H-3	4.570E-04	1.322E-02	2.892E+04
		1977	07	Sr-90	2.180E-09	6.305E-08	2.892E+04
	S1W(to pond)	1977	07	H-3	3.430E-04	1.078E-03	3.142E+03
		1977	07	Sr-90	1.630E-09	5.121E-09	3.142E+03
	WASTE DITCH	1977	07	H-3	4.460E-04	1.403E-02	3.206E+04
		1977	07	Sr-90	2.126E-09	6.817E-08	3.206E+04
	A1W(to pond)	1977	08	H-3	4.838E-04	3.516E-03	7.268E+03
		1977	08	Sr-90	2.784E-09	2.023E-08	7.268E+03
	S1W(to pond)	1977	08	Co-60	5.660E-08	8.750E-07	1.546E+04
		1977	08	H-3	4.000E-04	6.184E-03	1.546E+04
		1977	08	Sr-90	9.514E-10	1.471E-08	1.546E+04
	WASTE DITCH	1977	08	Co-60	3.850E-08	8.750E-07	2.273E+04
		1977	08	H-3	4.267E-04	9.700E-03	2.273E+04
		1977	08	Sr-90	1.537E-09	3.494E-08	2.273E+04
	A1W(to pond)	1977	09	H-3	4.108E-04	2.986E-03	7.268E+03
	S1W(to pond)	1977	09	H-3	2.486E-04	3.886E-03	1.563E+04
		1977	09	Sr-90	3.216E-09	5.027E-08	1.563E+04
	WASTE DITCH	1977	09	H-3	7.162E-04	2.738E-02	3.823E+04
		1977	09	Sr-90	5.422E-09	2.073E-07	3.823E+04
	A1W(to pond)	1977	10	H-3	1.026E-04	9.705E-03	9.459E+04
		1977	10	Sr-90	4.560E-09	4.313E-07	9.459E+04
	S1W(to pond)	1977	10	H-3	3.650E-04	3.822E-03	1.047E+04
		1977	10	Sr-90	5.670E-10	5.936E-09	1.047E+04
	WASTE DITCH	1977	10	H-3	2.757E-04	3.267E-02	1.185E+05
		1977	10	Sr-90	4.762E-09	5.643E-07	1.185E+05
	A1W(to pond)	1977	11	H-3	5.540E-04	2.347E-02	4.236E+04
	S1W(to pond)	1977	11	H-3	3.220E-04	2.261E-03	7.022E+03
	WASTE DITCH	1977	11	H-3	5.211E-04	2.573E-02	4.938E+04
	S1W(to pond)	1977	12	H-3	3.390E-04	3.304E-03	9.747E+03
	WASTE DITCH	1977	12	H-3	3.390E-04	3.304E-03	9.747E+03
	S1W(to pond)	1978	01	H-3	3.330E-04	7.879E-04	2.366E+03
		1978	01	Sr-90	8.780E-10	2.077E-09	2.366E+03
	S5G(to pond)	1978	01	H-3	1.340E-03	2.184E-02	1.630E+04
		1978	01	Sr-90	2.260E-09	3.684E-08	1.630E+04
	WASTE DITCH	1978	01	H-3	1.212E-03	2.263E-02	1.867E+04
		1978	01	Sr-90	2.085E-09	3.892E-08	1.867E+04
	S1W(to pond)	1978	02	H-3	4.400E-04	4.014E-03	9.123E+03
		1978	02	Sr-90	7.160E-10	6.532E-09	9.123E+03
	WASTE DITCH	1978	02	H-3	4.400E-04	4.014E-03	9.123E+03
		1978	02	Sr-90	7.160E-10	6.532E-09	9.123E+03
	S1W(to pond)	1978	03	Co-60	7.800E-08	3.071E-07	3.937E+03
		1978	03	H-3	6.080E-04	2.394E-03	3.937E+03

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discnarge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
NRF		1978	03	Sr-90	1.180E-09	4.646E-09	3.937E+03
	WASTE DITCH	1978	03	Co-60	7.800E-08	3.071E-07	3.937E+03
		1978	03	H-3	6.081E-04	2.394E-03	3.937E+03
		1978	03	Sr-90	1.180E-09	4.646E-09	3.937E+03
	S1W(to pond)	1978	04	H-3	4.162E-04	6.430E-03	1.545E+04
		1978	04	Sr-90	5.946E-09	9.187E-08	1.545E+04
	S5G(to pond)	1978	04	H-3	2.000E-04	3.248E-03	1.624E+04
		1978	04	Sr-90	4.324E-09	7.022E-08	1.624E+04
	WASTE DITCH	1978	04	H-3	3.054E-04	9.673E-03	3.169E+04
		1978	04	Sr-90	5.115E-09	1.621E-07	3.169E+04
	S1W(to pond)	1978	05	Co-60	5.700E-08	3.625E-07	6.359E+03
		1978	05	H-3	3.140E-04	1.997E-03	6.359E+03
		1978	05	Sr-90	7.570E-10	4.814E-09	6.359E+03
	S5G(to pond)	1978	05	Co-60	9.570E-08	1.449E-06	1.514E+04
		1978	05	H-3	3.240E-03	4.905E-02	1.514E+04
		1978	05	Sr-90	4.600E-09	6.964E-08	1.514E+04
	WASTE DITCH	1978	05	Co-60	8.423E-08	1.811E-06	2.150E+04
		1978	05	H-3	2.374E-03	5.105E-02	2.150E+04
		1978	05	Sr-90	3.463E-09	7.445E-08	2.150E+04
	S1W(to pond)	1978	06	H-3	1.270E-03	1.744E-02	1.373E+04
		1978	06	Sr-90	1.892E-09	2.598E-08	1.373E+04
	WASTE DITCH	1978	06	H-3	1.270E-03	1.744E-02	1.373E+04
		1978	06	Sr-90	1.892E-09	2.598E-08	1.373E+04
	S1W(to pond)	1978	07	H-3	1.270E-03	1.923E-04	1.514E+02
		1978	07	Sr-90	1.890E-09	2.861E-10	1.514E+02
	WASTE DITCH	1978	07	H-3	1.270E-03	1.923E-04	1.514E+02
		1978	07	Sr-90	1.890E-09	2.861E-10	1.514E+02
	A1W(to pond)	1978	09	H-3	1.205E-03	1.209E-02	1.003E+04
		1978	09	Sr-90	3.780E-09	3.791E-08	1.003E+04
	S1W(to pond)	1978	09	H-3	9.410E-04	7.509E-03	7.979E+03
		1978	09	Sr-90	2.160E-09	1.723E-08	7.979E+03
	S5G(to pond)	1978	09	H-3	3.000E-03	4.140E-02	1.380E+04
	WASTE DITCH	1978	09	H-3	1.918E-03	6.100E-02	3.181E+04
		1978	09	Sr-90	1.733E-09	5.514E-08	3.181E+04
	A1W(to pond)	1978	10	H-3	1.660E-03	1.005E-02	6.056E+03
	S1W(to pond)	1978	10	H-3	8.620E-04	1.305E-03	1.514E+03
	S5G(to pond)	1978	10	Co-60	3.380E-08	4.391E-07	1.299E+04
		1978	10	H-3	3.270E-03	4.248E-02	1.299E+04
	WASTE DITCH	1978	10	Co-60	2.136E-08	4.391E-07	2.056E+04
		1978	10	H-3	2.618E-03	5.383E-02	2.056E+04
	S1W(to pond)	1978	11	H-3	7.027E-04	2.596E-03	3.694E+03
	WASTE DITCH	1978	11	H-3	7.028E-04	2.596E-03	3.694E+03
	A1W(to pond)	1978	12	H-3	1.620E-03	1.300E-02	8.025E+03

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliletar. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
NRF	S5G(to pond)	1978	12	Co-60	2.700E-07	1.840E-06	6.814E+03
		1978	12	H-3	2.650E-03	1.806E-02	6.814E+03
	WASTE DITCH	1978	12	Co-60	1.240E-07	1.840E-06	1.484E+04
		1978	12	H-3	2.093E-03	3.106E-02	1.484E+04
	S1W(to pond)	1979	02	H-3	8.100E-04	2.698E-03	3.331E+03
		1979	02	Sr-90	4.100E-09	1.366E-08	3.331E+03
	WASTE DITCH	1979	02	H-3	8.100E-04	2.698E-03	3.331E+03
		1979	02	Sr-90	4.101E-09	1.366E-08	3.331E+03
	A1W(to pond)	1979	03	H-3	1.650E-03	1.405E-02	8.517E+03
		1979	03	Sr-90	5.400E-09	4.599E-08	8.517E+03
	S1W(to pond)	1979	03	H-3	1.050E-03	6.959E-03	6.628E+03
	WASTE DITCH	1979	03	H-3	1.387E-03	2.101E-02	1.515E+04
		1979	03	Sr-90	3.036E-09	4.599E-08	1.515E+04
	A1W(to pond)	1979	04	H-3	1.054E-03	3.930E-03	3.728E+03
		1979	04	Sr-90	4.324E-09	1.612E-08	3.728E+03
	WASTE DITCH	1979	04	H-3	1.054E-03	3.930E-03	3.728E+03
		1979	04	Sr-90	4.324E-09	1.612E-08	3.728E+03
PBF	DISP. WELL	1977	01	Cs-137	1.378E-05	8.257E-04	5.992E+04
		1977	01	H-3	1.924E-06	1.153E-04	5.992E+04
		1977	01	Sr-90	1.416E-07	8.485E-06	5.992E+04
	DISP. WELL	1977	02	Cs-137	7.582E-06	4.119E-04	5.432E+04
		1977	02	H-3	1.430E-06	7.768E-05	5.432E+04
		1977	02	Sr-90	1.224E-07	6.649E-06	5.432E+04
	DISP. WELL	1977	03	Co-60	3.750E-07	8.917E-05	2.378E+05
		1977	03	Cs-137	9.305E-05	2.213E-02	2.378E+05
		1977	03	H-3	3.870E-06	9.203E-04	2.378E+05
		1977	03	Sr-90	2.276E-07	5.412E-05	2.378E+05
	DISP. WELL	1977	04	Cs-137	7.160E-05	4.120E-03	5.754E+04
		1977	04	H-3	1.530E-06	8.804E-05	5.754E+04
		1977	04	Sr-90	2.892E-08	1.664E-06	5.754E+04
	DISP. WELL	1977	05	Cs-137	4.753E-05	1.124E-02	2.365E+05
		1977	05	H-3	1.080E-06	2.554E-04	2.365E+05
		1977	05	Sr-90	1.150E-07	2.720E-05	2.365E+05
	DISP. WELL	1977	06	Co-60	7.680E-07	1.061E-04	1.381E+05
		1977	06	Cs-137	3.422E-05	4.726E-03	1.381E+05
		1977	06	H-3	3.919E-06	5.412E-04	1.381E+05
		1977	06	Sr-90	5.946E-07	8.211E-05	1.381E+05
	DISP. WELL	1977	07	H-3	6.216E-07	1.272E-04	2.046E+05
		1977	07	Sr-90	2.597E-07	5.313E-05	2.046E+05
	DISP. WELL	1977	08	Sr-90	1.789E-07	5.045E-05	2.820E+05

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
PBF	DISP. WELL	1977	09	Sr-90	7.865E-08	1.553E-05	1.974E+05
	DISP. WELL	1977	10	H-3	6.757E-07	6.233E-05	9.225E+04
		1977	10	Sr-90	8.811E-08	8.128E-06	9.225E+04
	DISP. WELL	1977	11	Sr-90	1.976E-07	6.979E-05	3.532E+05
	DISP. WELL	1977	12	Co-60	2.370E-07	5.442E-05	2.296E+05
		1977	12	Sr-90	1.254E-07	2.879E-05	2.296E+05
	DISP. WELL	1978	01	Cs-137	2.579E-05	9.919E-04	3.846E+04
		1978	01	Sr-90	2.562E-07	9.853E-06	3.846E+04
	DISP. WELL	1978	02	Co-60	1.106E-06	1.355E-04	1.225E+05
		1978	02	Cs-137	2.038E-05	2.497E-03	1.225E+05
		1978	02	H-3	2.757E-06	3.377E-04	1.225E+05
		1978	02	Sr-90	1.943E-07	2.380E-05	1.225E+05
	DISP. WELL	1978	03	Co-60	1.244E-06	1.271E-04	1.022E+05
		1978	03	Cs-137	1.080E-05	1.104E-03	1.022E+05
		1978	03	H-3	1.527E-06	1.561E-04	1.022E+05
		1978	03	Sr-90	3.649E-07	3.729E-05	1.022E+05
	DISP. WELL	1978	04	Cs-137	4.692E-06	3.932E-04	8.381E+04
		1978	04	H-3	1.703E-06	1.427E-04	8.381E+04
		1978	04	Sr-90	1.405E-07	1.178E-05	8.381E+04
	DISP. WELL	1978	07	Cs-137	1.856E-05	2.103E-03	1.133E+05
		1978	07	H-3	2.432E-07	2.755E-05	1.133E+05
		1978	07	Sr-90	1.081E-07	1.225E-05	1.133E+05
	DISP. WELL	1978	08	Co-60	2.144E-06	2.086E-05	9.728E+03
		1978	08	Cs-137	5.262E-05	5.119E-04	9.728E+03
		1978	08	H-3	3.784E-05	3.681E-04	9.728E+03
		1978	08	Sr-90	5.270E-07	5.127E-06	9.728E+03
	DISP. WELL	1978	09	Co-60	1.125E-07	1.537E-05	1.366E+05
		1978	09	Cs-137	1.459E-05	1.993E-03	1.366E+05
		1978	09	H-3	1.811E-06	2.474E-04	1.366E+05
		1978	09	Sr-90	2.784E-09	3.803E-07	1.366E+05
	DISP. WELL	1978	10	Cs-137	5.924E-05	2.648E-03	4.470E+04
		1978	10	H-3	1.541E-06	6.888E-05	4.470E+04
		1978	10	Sr-90	1.622E-06	7.250E-05	4.470E+04
	DISP. WELL	1978	11	Cs-137	4.381E-04	2.355E-03	5.375E+03
		1978	11	H-3	1.000E-04	5.375E-04	5.375E+03
		1978	11	Sr-90	1.892E-07	1.017E-06	5.375E+03
	DISP. WELL	1979	03	Cs-137	6.380E-05	2.657E-03	4.164E+04

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Month	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
PBF		1979	03	H-3	4.324E-06	1.801E-04	4.164E+04
		1979	03	Sr-90	1.730E-06	7.204E-05	4.164E+04
	DISP. WELL	1979	04	Cs-137	7.130E-05	2.667E-03	3.740E+04
		1979	04	H-3	3.243E-06	1.213E-04	3.740E+04
		1979	04	Sr-90	1.649E-06	6.167E-05	3.740E+04
	DISP. WELL	1979	05	Cs-137	2.639E-04	3.146E-03	1.192E+04
		1979	05	H-3	1.892E-06	2.255E-05	1.192E+04
		1979	05	Sr-90	2.351E-06	2.802E-05	1.192E+04
	DISP. WELL	1979	07	Cs-137	1.060E-04	4.414E-03	4.164E+04
		1979	07	H-3	8.378E-06	3.489E-04	4.164E+04
		1979	07	Sr-90	6.757E-07	2.814E-05	4.164E+04
	DISP. WELL	1979	08	Cs-137	2.755E-03	1.582E-01	5.742E+04
		1979	08	H-3	5.135E-06	2.949E-04	5.742E+04
		1979	08	Sr-90	1.216E-06	6.982E-05	5.742E+04
	DISP. WELL	1979	09	Cs-137	8.918E-05	2.406E-02	2.698E+05
		1979	09	H-3	2.432E-06	6.562E-04	2.698E+05
		1979	09	Sr-90	1.568E-07	4.230E-05	2.698E+05
	DISP. WELL	1980	02	Cs-137	1.392E-05	6.133E-04	4.406E+04
		1980	02	H-3	3.514E-06	1.548E-04	4.406E+04
		1980	02	Sr-90	1.514E-07	6.671E-06	4.406E+04
	DISP. WELL	1980	08	Cs-137	1.764E-05	1.336E-04	7.571E+03
		1980	08	Sr-90	2.488E-06	1.884E-05	7.571E+03
	DISP. WELL	1982	10	Cs-137	3.456E-06	4.579E-05	1.325E+04
	DISP. WELL	1982	11	Cs-137	3.756E-06	1.706E-04	4.542E+04
		1982	11	Sr-90	2.973E-08	1.350E-06	4.542E+04
TRA	WASTE PONDS						
	WASTE PONDS	1977	01	Co-60	3.946E-06	2.566E-01	6.503E+07
		1977	01	H-3	4.440E-04	2.887E+01	6.503E+07
		1977	01	I-129	1.686E-14	1.096E-09	6.503E+07
	WASTE PONDS	1977	02	Co-60	5.162E-06	2.493E-01	4.830E+07
		1977	02	H-3	5.700E-04	2.753E+01	4.830E+07
		1977	02	I-129	1.497E-14	7.231E-10	4.830E+07
	WASTE PONDS	1977	03	Co-60	3.919E-06	1.363E-01	3.477E+07
		1977	03	H-3	6.649E-04	2.312E+01	3.477E+07
		1977	03	I-129	3.108E-14	1.081E-09	3.477E+07
	WASTE PONDS	1977	04	Co-60	2.811E-05	1.229E+00	4.372E+07
		1977	04	H-3	4.649E-04	2.033E+01	4.372E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well; SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA		1977	04	I-129	1.414E-14	6.182E-10	4.372E+07
	WASTE PONDS	1977	05	Co-60	1.878E-05	6.276E-01	3.342E+07
		1977	05	H-3	3.622E-05	1.210E+00	3.342E+07
		1977	05	I-129	2.730E-16	9.124E-12	3.342E+07
	WASTE PONDS	1977	06	Co-60	7.324E-06	2.485E-01	3.393E+07
		1977	06	H-3	2.784E-05	9.446E-01	3.393E+07
	WASTE PONDS	1977	07	Co-60	1.181E-05	3.796E-01	3.214E+07
		1977	07	H-3	2.730E-05	8.774E-01	3.214E+07
	WASTE PONDS	1977	08	Co-60	5.216E-06	2.239E-01	4.293E+07
		1977	08	H-3	9.081E-05	3.898E+00	4.293E+07
		1977	08	I-129	1.435E-15	6.160E-11	4.293E+07
	WASTE PONDS	1977	09	Co-60	1.116E-05	5.521E-01	4.947E+07
		1977	09	H-3	1.454E-04	7.193E+00	4.947E+07
		1977	09	I-129	6.243E-15	3.088E-10	4.947E+07
	WASTE PONDS	1977	10	Co-60	8.000E-06	4.158E-01	5.197E+07
		1977	10	H-3	1.405E-04	7.302E+00	5.197E+07
		1977	10	I-129	1.711E-14	8.892E-10	5.197E+07
	WASTE PONDS	1977	11	Co-60	3.892E-06	2.410E-01	6.193E+07
		1977	11	H-3	1.784E-04	1.105E+01	6.193E+07
		1977	11	I-129	7.811E-15	4.837E-10	6.193E+07
	WASTE PONDS	1977	12	Co-60	3.189E-06	1.912E-01	5.996E+07
		1977	12	H-3	1.216E-04	7.291E+00	5.996E+07
		1977	12	I-129	1.330E-15	7.975E-11	5.996E+07
	WASTE PONDS	1978	01	Co-60	1.778E-06	9.598E-02	5.398E+07
		1978	01	Cs-137	9.351E-07	5.048E-02	5.398E+07
		1978	01	H-3	2.243E-04	1.211E+01	5.398E+07
		1978	01	I-129	2.154E-15	1.163E-10	5.398E+07
	WASTE PONDS	1978	02	Co-60	3.541E-06	1.572E-01	4.440E+07
		1978	02	Cs-137	3.514E-06	1.560E-01	4.440E+07
		1978	02	H-3	2.811E-04	1.248E+01	4.440E+07
		1978	02	I-129	2.459E-15	1.092E-10	4.440E+07
		1978	02	Sr-90	4.378E-06	1.944E-01	4.440E+07
	WASTE PONDS	1978	03	Co-60	3.405E-06	1.694E-01	4.974E+07
		1978	03	Cs-137	1.722E-06	8.565E-02	4.974E+07
		1978	03	H-3	1.865E-04	9.277E+00	4.974E+07
		1978	03	I-129	3.622E-15	1.802E-10	4.974E+07
		1978	03	Sr-90	4.919E-06	2.447E-01	4.974E+07
	WASTE PONDS	1978	04	Co-60	2.657E-06	1.122E-01	4.224E+07
		1978	04	Cs-137	8.622E-07	3.642E-02	4.224E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA		1978	04	H-3	1.919E-04	8.106E+00	4.224E+07
		1978	04	I-129	2.838E-15	1.199E-10	4.224E+07
		1978	04	Sr-90	3.459E-06	1.461E-01	4.224E+07
	WASTE PONDS	1978	05	Co-60	1.457E-06	8.019E-02	5.504E+07
		1978	05	Cs-137	8.622E-05	4.746E+00	5.504E+07
		1978	05	H-3	1.970E-04	1.084E+01	5.504E+07
		1978	05	I-129	4.459E-15	2.454E-10	5.504E+07
		1978	05	Sr-90	1.135E-05	6.247E-01	5.504E+07
	WASTE PONDS	1978	06	Co-60	2.181E-06	1.003E-01	4.599E+07
		1978	06	Cs-137	1.414E-06	6.503E-02	4.599E+07
		1978	06	H-3	2.054E-04	9.446E+00	4.599E+07
		1978	06	I-129	1.786E-14	8.214E-10	4.599E+07
		1978	06	Sr-90	2.946E-06	1.355E-01	4.599E+07
	WASTE PONDS	1978	07	Co-60	1.308E-06	4.813E-02	3.680E+07
		1978	07	Cs-137	6.541E-06	2.407E-01	3.680E+07
		1978	07	H-3	2.540E-04	9.347E+00	3.680E+07
		1978	07	I-129	1.370E-14	5.042E-10	3.680E+07
		1978	07	Sr-90	3.459E-06	1.273E-01	3.680E+07
	WASTE PONDS	1978	08	Co-60	2.395E-06	8.169E-02	3.411E+07
		1978	08	Cs-137	4.297E-06	1.466E-01	3.411E+07
		1978	08	H-3	4.420E-04	1.508E+01	3.411E+07
		1978	08	I-129	1.514E-14	5.164E-10	3.411E+07
		1978	08	Sr-90	6.189E-06	2.111E-01	3.411E+07
	WASTE PONDS	1978	09	Co-60	2.538E-06	1.019E-01	4.016E+07
		1978	09	Cs-137	1.957E-05	7.859E-01	4.016E+07
		1978	09	H-3	3.030E-04	1.217E+01	4.016E+07
		1978	09	I-129	3.243E-14	1.302E-09	4.016E+07
		1978	09	Sr-90	2.119E-05	8.510E-01	4.016E+07
	WASTE PONDS	1978	10	Co-60	5.243E-06	1.268E-01	2.418E+07
		1978	10	Cs-137	1.257E-05	3.039E-01	2.418E+07
		1978	10	H-3	3.950E-04	9.551E+00	2.418E+07
		1978	10	I-129	6.865E-14	1.660E-09	2.418E+07
		1978	10	Sr-90	2.186E-05	5.286E-01	2.418E+07
	WASTE PONDS	1978	11	Co-60	7.189E-06	1.563E-01	2.174E+07
		1978	11	Cs-137	1.027E-05	2.233E-01	2.174E+07
		1978	11	H-3	4.500E-04	9.783E+00	2.174E+07
		1978	11	I-129	1.043E-14	2.267E-10	2.174E+07
		1978	11	Sr-90	7.649E-06	1.663E-01	2.174E+07
	WASTE PONDS	1978	12	Co-60	3.459E-06	8.139E-02	2.353E+07
		1978	12	Cs-137	4.027E-06	9.476E-02	2.353E+07
		1978	12	H-3	3.130E-04	7.365E+00	2.353E+07
		1978	12	I-129	1.035E-14	2.435E-10	2.353E+07
		1978	12	Sr-90	6.189E-06	1.456E-01	2.353E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release point	Year	Month	Radionuclide	Ave concentration(uCi/mL)	Tot Curies	Volume(L)
TRA	WASTE PONDS	1979	01	Co-60	4.459E-06	9.730E-02	2.182E+07
		1979	01	Cs-137	2.203E-06	4.807E-02	2.182E+07
		1979	01	H-3	4.200E-04	9.164E+00	2.182E+07
		1979	01	I-129	7.595E-15	1.657E-10	2.182E+07
		1979	01	Sr-90	3.838E-06	8.375E-02	2.182E+07
	WASTE PONDS	1979	02	Co-60	8.054E-06	1.685E-01	2.092E+07
		1979	02	Cs-137	6.703E-06	1.402E-01	2.092E+07
		1979	02	H-3	5.250E-04	1.098E+01	2.092E+07
		1979	02	I-129	4.676E-14	9.782E-10	2.092E+07
		1979	02	Sr-90	6.730E-06	1.408E-01	2.092E+07
	WASTE PONDS	1979	03	Co-60	8.649E-06	1.835E-01	2.122E+07
		1979	03	Cs-137	1.005E-05	2.133E-01	2.122E+07
		1979	03	H-3	4.600E-04	9.761E+00	2.122E+07
		1979	03	I-129	2.192E-14	4.651E-10	2.122E+07
		1979	03	Sr-90	5.730E-06	1.216E-01	2.122E+07
	WASTE PONDS	1979	04	Co-60	8.973E-06	1.821E-01	2.029E+07
		1979	04	Cs-137	9.351E-06	1.897E-01	2.029E+07
		1979	04	H-3	3.500E-04	7.101E+00	2.029E+07
		1979	04	I-129	1.746E-14	3.543E-10	2.029E+07
	WASTE PONDS	1979	05	Co-60	5.486E-06	1.155E-01	2.105E+07
		1979	05	Cs-137	6.243E-06	1.314E-01	2.105E+07
		1979	05	H-3	4.050E-04	8.525E+00	2.105E+07
		1979	05	I-129	6.946E-14	1.462E-09	2.105E+07
		1979	05	Sr-90	1.065E-05	2.242E-01	2.105E+07
	WASTE PONDS	1979	06	Co-60	3.486E-06	9.105E-02	2.612E+07
		1979	06	Cs-137	4.324E-06	1.129E-01	2.612E+07
		1979	06	H-3	3.600E-04	9.403E+00	2.612E+07
		1979	06	I-129	1.454E-14	3.798E-10	2.612E+07
		1979	06	Sr-90	6.649E-06	1.737E-01	2.612E+07
	WASTE PONDS	1979	07	Co-60	7.189E-06	1.469E-01	2.043E+07
		1979	07	Cs-137	2.524E-06	5.157E-02	2.043E+07
		1979	07	H-3	5.600E-04	1.144E+01	2.043E+07
		1979	07	I-129	1.027E-14	2.098E-10	2.043E+07
		1979	07	Sr-90	5.027E-06	1.027E-01	2.043E+07
	WASTE PONDS	1979	08	Co-60	4.919E-06	1.530E-01	3.111E+07
		1979	08	Cs-137	1.962E-06	6.104E-02	3.111E+07
		1979	08	H-3	3.320E-04	1.033E+01	3.111E+07
		1979	08	I-129	1.192E-14	3.708E-10	3.111E+07
		1979	08	Sr-90	4.595E-06	1.430E-01	3.111E+07
	WASTE PONDS	1979	09	Co-60	7.027E-06	1.819E-01	2.588E+07
		1979	09	Cs-137	6.243E-06	1.616E-01	2.588E+07
		1979	09	H-3	2.290E-04	5.927E+00	2.588E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA		1979	09	I-129	5.892E-15	1.525E-10	2.588E+07
		1979	09	Sr-90	5.811E-06	1.504E-01	2.588E+07
	WASTE PONDS	1979	10	Co-60	7.622E-06	1.973E-01	2.589E+07
		1979	10	Cs-137	5.216E-06	1.350E-01	2.589E+07
		1979	10	H-3	4.030E-04	1.043E+01	2.589E+07
		1979	10	I-129	4.595E-15	1.190E-10	2.589E+07
		1979	10	Sr-90	3.297E-06	8.536E-02	2.589E+07
	WASTE PONDS	1979	11	Co-60	8.649E-05	1.828E+00	2.114E+07
		1979	11	Cs-137	1.770E-05	3.742E-01	2.114E+07
		1979	11	H-3	2.280E-04	4.820E+00	2.114E+07
		1979	11	I-129	1.984E-14	4.194E-10	2.114E+07
		1979	11	Sr-90	6.270E-06	1.325E-01	2.114E+07
	WASTE PONDS	1979	12	Co-60	7.541E-06	1.546E-01	2.050E+07
		1979	12	Cs-137	4.216E-06	8.643E-02	2.050E+07
		1979	12	H-3	3.650E-04	7.482E+00	2.050E+07
		1979	12	I-129	4.108E-15	8.421E-11	2.050E+07
		1979	12	Sr-90	3.514E-06	7.204E-02	2.050E+07
	WASTE PONDS	1980	01	Co-60	6.757E-06	1.767E-01	2.615E+07
		1980	01	Cs-137	4.622E-06	1.209E-01	2.615E+07
		1980	01	H-3	4.340E-04	1.135E+01	2.615E+07
		1980	01	I-129	1.005E-14	2.628E-10	2.615E+07
		1980	01	Sr-90	2.919E-06	7.633E-02	2.615E+07
	WASTE PONDS	1980	02	Co-60	2.892E-05	6.620E-01	2.289E+07
		1980	02	Cs-137	7.865E-06	1.800E-01	2.289E+07
		1980	02	H-3	7.130E-04	1.632E+01	2.298E+07
		1980	02	I-129	1.714E-15	3.923E-11	2.289E+07
		1980	02	Sr-90	8.919E-06	2.042E-01	2.289E+07
	WASTE PONDS	1980	03	Co-60	1.573E-05	3.328E-01	2.116E+07
		1980	03	Cs-137	5.622E-06	1.190E-01	2.116E+07
		1980	03	H-3	6.040E-04	1.278E+01	2.116E+07
		1980	03	I-129	1.462E-15	3.094E-11	2.116E+07
		1980	03	Sr-90	5.162E-06	1.092E-01	2.116E+07
	WASTE PONDS	1980	04	Co-60	8.973E-06	1.859E-01	2.072E+07
		1980	04	Cs-137	4.757E-06	9.856E-02	2.072E+07
		1980	04	H-3	6.720E-04	1.392E+01	2.072E+07
		1980	04	I-129	7.757E-16	1.607E-11	2.072E+07
		1980	04	Sr-90	5.670E-06	1.175E-01	2.072E+07
	WASTE PONDS	1980	05	Co-60	8.973E-06	1.539E-01	1.715E+07
		1980	05	Cs-137	1.716E-05	2.943E-01	1.715E+07
		1980	05	H-3	8.250E-04	1.415E+01	1.715E+07
		1980	05	I-129	1.657E-15	2.842E-11	1.715E+07
		1980	05	Sr-90	1.324E-05	2.271E-01	1.715E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137; Sr-90, strontium-90; H-3, tritium; and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA	WASTE PONDS	1980	06	Co-60	6.000E-05	9.912E-01	1.652E+07
		1980	06	Cs-137	4.703E-05	7.769E-01	1.652E+07
		1980	06	H-3	8.870E-04	1.465E+01	1.652E+07
		1980	06	I-129	1.100E-13	1.817E-09	1.652E+07
		1980	06	Sr-90	1.524E-05	2.518E-01	1.652E+07
	WASTE PONDS	1980	07	Co-60	1.495E-05	2.278E-01	1.524E+07
		1980	07	Cs-137	2.135E-05	3.254E-01	1.524E+07
		1980	07	H-3	5.160E-05	7.864E-01	1.524E+07
		1980	07	I-129	1.049E-15	1.599E-11	1.524E+07
		1980	07	Sr-90	1.534E-05	2.338E-01	1.524E+07
	WASTE PONDS	1980	08	Co-60	6.432E-06	1.164E-01	1.810E+07
		1980	08	Cs-137	6.838E-06	1.238E-01	1.810E+07
		1980	08	H-3	2.710E-04	4.905E+00	1.810E+07
		1980	08	I-129	1.259E-15	2.279E-11	1.810E+07
		1980	08	Sr-90	4.351E-06	7.875E-02	1.810E+07
	WASTE PONDS	1980	09	Co-60	3.378E-06	5.675E-02	1.680E+07
		1980	09	Cs-137	1.043E-05	1.752E-01	1.680E+07
		1980	09	H-3	4.500E-04	7.560E+00	1.680E+07
		1980	09	I-129	6.919E-16	1.162E-11	1.680E+07
		1980	09	Sr-90	3.159E-06	5.307E-02	1.680E+07
	WASTE PONDS	1980	10	Co-60	4.649E-06	8.178E-02	1.759E+07
		1980	10	Cs-137	1.468E-05	2.582E-01	1.759E+07
		1980	10	H-3	7.560E-04	1.330E+01	1.759E+07
		1980	10	I-129	5.486E-15	9.650E-11	1.759E+07
		1980	10	Sr-90	4.068E-06	7.156E-02	1.759E+07
	WASTE PONDS	1980	11	Co-60	5.757E-06	9.885E-02	1.717E+07
		1980	11	Cs-137	1.373E-05	2.357E-01	1.717E+07
		1980	11	H-3	8.790E-04	1.509E+01	1.717E+07
		1980	11	I-129	1.843E-14	3.164E-10	1.717E+07
		1980	11	Sr-90	6.216E-06	1.067E-01	1.717E+07
	WASTE PONDS	1980	12	Co-60	4.324E-06	6.369E-02	1.473E+07
		1980	12	Cs-137	6.027E-06	8.878E-02	1.473E+07
		1980	12	H-3	6.940E-04	1.022E+01	1.473E+07
		1980	12	I-129	3.216E-15	4.737E-11	1.473E+07
		1980	12	Sr-90	2.838E-06	4.180E-02	1.473E+07
	WASTE PONDS	1981	01	Co-60	2.784E-06	4.438E-02	1.594E+07
		1981	01	Cs-137	5.703E-06	9.091E-02	1.594E+07
		1981	01	H-3	1.280E-03	2.040E+01	1.594E+07
		1981	01	I-129	2.195E-15	3.499E-11	1.594E+07
		1981	01	Sr-90	2.757E-06	4.395E-02	1.594E+07
	WASTE PONDS	1981	02	Co-60	2.038E-06	3.487E-02	1.711E+07
		1981	02	Cs-137	4.054E-06	6.936E-02	1.711E+07
		1981	02	H-3	9.820E-04	1.680E+01	1.711E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per millileter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA		1981	02	I-129	1.197E-15	2.048E-11	1.711E+07
		1981	02	Sr-90	1.690E-06	2.892E-02	1.711E+07
	WASTE PONDS	1981	03	Co-60	2.200E-06	3.203E-02	1.456E+07
		1981	03	Cs-137	3.162E-06	4.604E-02	1.456E+07
		1981	03	H-3	9.220E-04	1.342E+01	1.456E+07
		1981	03	I-129	1.116E-15	1.625E-11	1.456E+07
		1981	03	Sr-90	2.432E-06	3.541E-02	1.456E+07
	WASTE PONDS	1981	04	Co-60	1.368E-06	2.495E-02	1.824E+07
		1981	04	Cs-137	2.697E-06	4.919E-02	1.824E+07
		1981	04	H-3	8.610E-04	1.570E+01	1.824E+07
		1981	04	I-129	2.592E-15	4.728E-11	1.824E+07
		1981	04	Sr-90	1.062E-06	1.937E-02	1.824E+07
	WASTE PONDS	1981	05	Co-60	2.505E-06	4.842E-02	1.933E+07
		1981	05	Cs-137	2.024E-05	3.912E-01	1.933E+07
		1981	05	H-3	8.640E-04	1.670E+01	1.933E+07
		1981	05	I-129	2.457E-15	4.749E-11	1.933E+07
		1981	05	Sr-90	4.730E-06	9.143E-02	1.933E+07
	WASTE PONDS	1981	06	Co-60	5.351E-06	9.043E-02	1.690E+07
		1981	06	Cs-137	8.432E-06	1.425E-01	1.690E+07
		1981	06	H-3	6.660E-04	1.126E+01	1.690E+07
		1981	06	I-129	3.838E-15	6.486E-11	1.690E+07
		1981	06	Sr-90	3.281E-06	5.545E-02	1.690E+07
	WASTE PONDS	1981	07	Co-60	4.541E-06	7.425E-02	1.635E+07
		1981	07	Cs-137	1.446E-05	2.364E-01	1.635E+07
		1981	07	H-3	7.200E-04	1.177E+01	1.635E+07
		1981	07	I-129	1.273E-15	2.081E-11	1.635E+07
		1981	07	Sr-90	3.594E-06	5.876E-02	1.635E+07
	WASTE PONDS	1981	08	Co-60	4.973E-06	7.887E-02	1.586E+07
		1981	08	Cs-137	8.838E-06	1.402E-01	1.586E+07
		1981	08	H-3	1.230E-03	1.951E+01	1.586E+07
		1981	08	I-129	2.565E-15	4.068E-11	1.586E+07
		1981	08	Sr-90	3.454E-06	5.478E-02	1.586E+07
	WASTE PONDS	1981	09	Co-60	4.595E-06	8.726E-02	1.899E+07
		1981	09	Cs-137	6.730E-06	1.278E-01	1.899E+07
		1981	09	H-3	7.200E-04	1.367E+01	1.899E+07
		1981	09	I-129	8.270E-16	1.570E-11	1.899E+07
		1981	09	Sr-90	3.530E-06	6.703E-02	1.899E+07
	WASTE PONDS	1981	10	Co-60	3.189E-06	6.844E-02	2.146E+07
		1981	10	Cs-137	3.946E-06	8.468E-02	2.146E+07
		1981	10	H-3	9.500E-04	2.039E+01	2.146E+07
		1981	10	I-129	1.662E-15	3.567E-11	2.146E+07
		1981	10	Sr-90	1.210E-06	2.597E-02	2.146E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA	WASTE PONDS	1981	11	Co-60	3.162E-06	5.556E-02	1.757E+07
		1981	11	Cs-137	1.676E-06	2.945E-02	1.757E+07
		1981	11	H-3	9.740E-04	1.711E+01	1.757E+07
		1981	11	I-129	3.919E-16	6.886E-12	1.757E+07
		1981	11	Sr-90	7.960E-07	1.399E-02	1.757E+07
	WASTE PONDS	1981	12	Co-60	2.273E-06	3.673E-02	1.616E+07
		1981	12	Cs-137	4.541E-06	7.338E-02	1.616E+07
		1981	12	H-3	8.710E-04	1.408E+01	1.616E+07
		1981	12	I-129	1.024E-15	1.655E-11	1.616E+07
		1981	12	Sr-90	1.638E-06	2.647E-02	1.616E+07
	WASTE PONDS	1982	01	Co-60	5.973E-06	8.912E-02	1.492E+07
		1982	01	Cs-137	3.838E-06	5.726E-02	1.492E+07
		1982	01	H-3	1.010E-03	1.507E+01	1.492E+07
		1982	01	I-129	3.649E-16	5.444E-12	1.492E+07
		1982	01	Sr-90	3.910E-06	5.834E-02	1.492E+07
	WASTE PONDS	1982	02	Co-60	3.243E-06	5.468E-02	1.686E+07
		1982	02	Cs-137	7.892E-06	1.331E-01	1.686E+07
		1982	02	H-3	4.790E-03	8.076E+01	1.686E+07
		1982	02	I-129	3.243E-16	5.468E-12	1.686E+07
		1982	02	Sr-90	2.405E-06	4.055E-02	1.686E+07
	WASTE PONDS	1982	03	Co-60	7.440E-06	1.335E-01	1.795E+07
		1982	03	Cs-137	5.370E-06	9.639E-02	1.795E+07
		1982	03	H-3	1.820E-03	3.267E+01	1.795E+07
		1982	03	I-129	1.660E-16	2.980E-12	1.795E+07
		1982	03	Sr-90	1.369E-06	2.457E-02	1.795E+07
	WASTE PONDS	1982	04	Co-60	2.750E-06	5.115E-02	1.860E+07
		1982	04	Cs-137	5.560E-06	1.034E-01	1.860E+07
		1982	04	H-3	6.600E-04	1.228E+01	1.860E+07
		1982	04	I-129	7.830E-16	1.456E-11	1.860E+07
		1982	04	Sr-90	1.130E-06	2.102E-02	1.860E+07
	WASTE PONDS	1982	05	Co-60	2.110E-06	3.450E-02	1.635E+07
		1982	05	Cs-137	3.900E-06	6.376E-02	1.635E+07
		1982	05	H-3	8.295E-04	1.356E+01	1.635E+07
		1982	05	I-129	6.780E-15	1.109E-10	1.635E+07
		1982	05	Sr-90	3.338E-06	5.458E-02	1.635E+07
	WASTE PONDS	1982	06	Co-60	4.250E-06	7.182E-02	1.690E+07
		1982	06	Cs-137	7.580E-06	1.281E-01	1.690E+07
		1982	06	H-3	1.077E-03	1.820E+01	1.690E+07
		1982	06	I-129	5.070E-15	8.568E-11	1.690E+07
		1982	06	Sr-90	5.406E-06	9.136E-02	1.690E+07
	WASTE PONDS	1982	07	Co-60	2.140E-06	3.499E-02	1.635E+07
		1982	07	Cs-137	4.300E-06	7.030E-02	1.635E+07
		1982	07	H-3	1.486E-03	2.430E+01	1.635E+07

Table 2.--Aqueous radioactive-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Facility-Location and names of facilities shown on figure 2. Release point: DISP. WELL, disposal well: SEEP. PONDS, seepage ponds; AIW (to pond), AIW facility discharge; SIW (to pond), SIW facility discharge; and S5G (to pond), S5G facility discharge. Radionuclide: Co-60, cobalt 60; Cs-137, cesium-137, Sr-90, strontium-90; H-3, tritium, and I-129, iodine-129. Ave concentration(uCi/mL), average concentration in micro-curies per milliliter. Tot Curies, total curies. Volume(L), volume in liters.)

Facility	Release_point	Year	Month	Radionuclide	Ave_concentration(uCi/mL)	Tot_Curies	Volume(L)
TRA		1982	07	I-129	6.500E-15	1.063E-10	1.635E+07
		1982	07	Sr-90	3.336E-06	5.454E-02	1.635E+07
	WASTE PONDS	1982	08	Co-60	1.800E-05	2.911E-01	1.617E+07
		1982	08	Cs-137	8.740E-06	1.413E-01	1.617E+07
		1982	08	H-3	1.530E-03	2.474E+01	1.617E+07
		1982	08	I-129	7.360E-15	1.190E-10	1.617E+07
		1982	08	Sr-90	6.893E-06	1.115E-01	1.617E+07
	WASTE PONDS	1982	09	Co-60	1.130E-05	1.723E-01	1.525E+07
		1982	09	Cs-137	7.360E-06	1.122E-01	1.525E+07
		1982	09	H-3	1.874E-03	2.858E+01	1.525E+07
		1982	09	I-129	4.330E-15	6.603E-11	1.525E+07
		1982	09	Sr-90	7.820E-06	1.193E-01	1.525E+07
	WASTE PONDS	1982	10	Co-60	1.240E-05	1.834E-01	1.479E+07
		1982	10	Cs-137	9.490E-06	1.404E-01	1.479E+07
		1982	10	H-3	4.100E-03	6.064E+01	1.479E+07
		1982	10	I-129	2.000E-15	2.958E-11	1.479E+07
		1982	10	Sr-90	4.570E-06	6.759E-02	1.479E+07
	WASTE PONDS	1982	11	Co-60	1.080E-05	1.647E-01	1.525E+07
		1982	11	Cs-137	6.350E-06	9.684E-02	1.525E+07
		1982	11	H-3	1.095E-02	1.670E+02	1.525E+07
		1982	11	I-129	3.320E-15	5.063E-11	1.525E+07
		1982	11	Sr-90	4.109E-06	6.266E-02	1.525E+07
	WASTE PONDS	1982	12	Co-60	7.850E-06	1.163E-01	1.482E+07
		1982	12	Cs-137	7.650E-06	1.134E-01	1.482E+07
		1982	12	H-3	2.500E-03	3.705E+01	1.482E+07
		1982	12	I-129	3.230E-15	4.861E-11	1.482E+07
		1982	12	Sr-90	5.880E-06	8.714E-02	1.482E+07

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA	SEWAGE PLANT	1971	CLO Ion	4.530E+00	5.557E+02	1.227E+08	7.8
		1971	Cl Ion	3.611E+01	4.432E+03	1.227E+08	7.8
		1971	Na Ion	2.340E+01	2.871E+03	1.227E+08	7.8
	SEWAGE PLANT	1972	CLO Ion	3.990E+00	6.382E+02	1.600E+08	7.9
		1972	Cl Ion	4.698E+01	7.516E+03	1.600E+08	7.9
		1972	Na Ion	3.043E+01	4.867E+03	1.600E+08	7.9
	SEWAGE PLANT	1973	CLO Ion	2.990E+00	5.733E+02	1.917E+08	7.8
		1973	Cl Ion	3.160E+01	6.057E+03	1.917E+08	7.8
		1973	Na Ion	2.046E+01	3.922E+03	1.917E+08	7.8
	SEWAGE PLANT	1974	CLO Ion	3.576E+00	4.273E+02	1.195E+08	7.4
		1974	Cl Ion	5.526E+01	6.608E+03	1.195E+08	7.4
		1974	Na Ion	3.580E+01	4.278E+03	1.195E+08	7.4
	SEWAGE PLANT	1975	CLO Ion	2.080E+00	3.824E+02	1.839E+08	7.6
		1975	Cl Ion	3.592E+01	6.608E+03	1.839E+08	7.6
		1975	Na Ion	2.326E+01	4.278E+03	1.839E+08	7.6
	SEWAGE PLANT	1976	CLO Ion	1.210E+00	1.987E+02	1.649E+08	7.7
		1976	Ca Ion	1.623E-01	2.676E+01	1.649E+08	7.7
		1976	Cl Ion	4.090E+01	6.744E+03	1.649E+08	7.7
		1976	Na Ion	2.594E+01	4.278E+03	1.649E+08	7.7
		1976	PO4 Ion	2.751E-01	4.536E+01	1.649E+08	7.7
	SEWAGE PLANT	1977	CLO Ion	2.767E+00	4.781E+02	1.728E+08	7.4
		1977	Ca Ion	4.279E-01	7.394E+01	1.728E+08	7.4
		1977	Cl Ion	4.013E+01	6.935E+03	1.728E+08	7.4
		1977	Na Ion	2.477E+01	4.278E+03	1.728E+08	7.4
		1977	PO4 Ion	3.150E+00	5.443E+02	1.728E+08	7.4
	SEWAGE PLANT	1978	CLO Ion	3.427E+00	5.901E+02	1.722E+08	7.6
		1978	Ca Ion	7.561E-01	1.302E+02	1.722E+08	7.6
		1978	Cl Ion	4.072E+01	7.012E+03	1.722E+08	7.6
		1978	Na Ion	2.484E+01	4.278E+03	1.722E+08	7.6
		1978	PO4 Ion	3.161E+00	5.443E+02	1.722E+08	7.6
	SEWAGE PLANT	1979	CLO Ion	4.363E+00	6.710E+02	1.538E+08	7.6
		1979	Ca Ion	6.632E-01	1.020E+02	1.538E+08	7.6
		1979	Cl Ion	4.595E+01	7.067E+03	1.538E+08	7.6
		1979	Na Ion	2.782E+01	4.278E+06	1.538E+08	7.6
	SEWAGE PLANT	1980	CLO Ion	2.853E+00	5.300E+02	1.858E+08	7.6
		1980	Ca Ion	7.104E-01	1.320E+02	1.858E+08	7.6
		1980	Cl Ion	7.304E+00	1.357E+03	1.858E+08	7.6
		1980	Na Ion	3.460E+00	6.420E+05	1.858E+08	7.6
		1980	PO4 Ion	4.882E+00	9.070E+02	1.858E+08	7.6

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA	SEWAGE PLANT	1981	CLO Ion	3.879E+00	6.110E+02	1.575E+08	7.5
		1981	Ca Ion	9.397E-01	1.480E+05	1.575E+08	7.5
		1981	Cl Ion	8.970E+00	1.412E+03	1.575E+08	7.5
		1981	Na Ion	4.076E+00	6.420E+02	1.575E+08	7.5
		1981	PO4 Ion	6.222E+00	9.800E+02	1.575E+08	7.5
	SEWAGE PLANT	1982	CLO Ion	2.674E+00	5.340E+02	1.997E+08	7.7
		1982	Ca Ion	9.214E-01	1.840E+02	1.997E+08	7.7
		1982	Cl Ion	6.805E+00	1.359E+03	1.997E+08	7.7
		1982	Na Ion	3.215E+00	6.420E+02	1.997E+08	7.7
		1982	PO4 Ion	4.907E-01	9.800E+01	1.997E+08	7.7
CPP	DISP. WELL	1971	Cl Ion	2.683E+02	2.426E+05	9.040E+08	8.2
		1971	Na Ion	1.760E+02	1.591E+05	9.040E+08	8.2
		1971	PO4 Ion	2.300E-01	2.041E+02	9.040E+08	8.2
		1971	SO3 Ion	4.800E-01	4.309E+02	9.040E+08	8.2
		1971	SO4 Ion	3.687E+01	3.333E+04	9.040E+08	8.2
	DISP. WELL	1972	Cl Ion	1.621E+02	2.056E+05	1.268E+09	8.0
		1972	Na Ion	1.068E+02	1.354E+05	1.268E+09	8.0
		1972	PO4 Ion	1.521E-01	1.928E+02	1.268E+09	8.0
		1972	SO3 Ion	3.400E-01	4.300E+02	1.268E+09	8.0
		1972	SO4 Ion	2.490E+01	3.158E+04	1.268E+09	8.0
	DISP. WELL	1973	Cl Ion	6.505E+01	7.716E+04	1.186E+09	8.1
		1973	NO3 Ion	3.877E+01	4.599E+04	1.186E+09	8.1
		1973	Na Ion	4.372E+01	5.186E+04	1.186E+09	8.1
		1973	PO4 Ion	1.200E-01	1.442E+02	1.186E+09	8.1
		1973	SO3 Ion	3.800E-01	4.486E+02	1.186E+09	8.1
		1973	SO4 Ion	2.887E+01	3.424E+04	1.186E+09	8.1
	DISP. WELL	1974	Cl Ion	1.166E+02	1.697E+05	1.456E+09	7.4
		1974	NO3 Ion	2.085E+01	3.036E+04	1.456E+09	7.4
		1974	Na Ion	5.211E+01	7.586E+04	1.456E+09	7.4
		1974	SO4 Ion	3.267E+01	4.757E+04	1.456E+09	7.4
	DISP. WELL	1975	Cl Ion	2.129E+02	2.214E+05	1.040E+09	7.4
		1975	NO3 Ion	2.660E+01	2.765E+04	1.040E+09	7.4
		1975	Na Ion	1.344E+02	1.397E+05	1.040E+09	7.4
		1975	SO4 Ion	2.691E+01	2.798E+04	1.040E+09	7.4
	DISP. WELL	1976	Cl Ion	2.047E+02	2.746E+05	1.341E+09	7.9
		1976	NO3 Ion	2.637E+01	3.537E+04	1.341E+09	7.9
		1976	Na Ion	7.618E+01	1.022E+05	1.341E+09	7.9
	DISP. WELL	1977	Cl Ion	1.561E+02	2.470E+05	1.583E+09	7.6
		1977	NO3 Ion	4.690E+01	7.422E+04	1.583E+09	7.6
		1977	Na Ion	1.093E+02	1.729E+05	1.583E+09	7.6
		1977	SO4 Ion	2.686E+01	4.250E+04	1.583E+09	7.6
	DISP. WELL	1978	Cl Ion	2.038E+02	3.307E+05	1.623E+09	7.8

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1978	NO3 Ion	8.038E+01	1.304E+05	1.623E+09	7.8
		1978	Na Ion	1.304E+02	2.116E+05	1.623E+09	7.8
		1978	SO4 Ion	4.244E+01	6.885E+04	1.623E+09	7.8
	DISP. WELL	1979	Cl Ion	1.924E+02	2.526E+05	1.313E+09	7.5
		1979	NO3 Ion	9.220E+01	1.211E+05	1.313E+09	7.5
		1979	Na Ion	1.158E+02	1.521E+05	1.313E+09	7.5
		1979	SO4 Ion	3.599E+01	4.726E+04	1.313E+09	7.5
	DISP. WELL	1980	Cl Ion	2.224E+02	3.368E+05	1.514E+09	7.3
		1980	NO3 Ion	9.063E+01	1.372E+05	1.514E+09	7.3
		1980	Na Ion	1.146E+02	1.735E+05	1.514E+09	7.3
		1980	SO4 Ion	3.904E+01	5.911E+04	1.514E+09	7.3
	DISP. WELL	1981	Cl Ion	3.102E+02	6.262E+05	2.019E+09	7.6
		1981	NO3 Ion	7.281E+01	1.470E+05	2.019E+09	7.6
		1981	Na Ion	1.060E+02	2.140E+05	2.019E+09	7.6
		1981	SO4 Ion	4.561E+01	9.206E+04	2.019E+09	7.6
	DISP. WELL	1982	Cl Ion	1.737E+02	3.040E+05	1.752E+09	7.4
		1982	NO3 Ion	6.434E+01	1.126E+05	1.752E+09	7.4
		1982	Na Ion	1.068E+02	1.869E+05	1.752E+09	7.4
		1982	SO4 Ion	4.285E+01	7.497E+04	1.752E+09	7.4
NRF	WASTE DITCH	1971	Cl Ion	5.396E+02	1.219E+05	2.260E+08	7.4
		1971	Na Ion	3.721E+02	8.408E+04	2.260E+08	7.4
		1971	PO4 Ion	2.171E+01	4.906E+03	2.260E+08	7.4
		1971	SO3 Ion	1.050E+00	2.381E+02	2.260E+08	7.4
		1971	SO4 Ion	2.908E+02	6.572E+04	2.260E+08	7.4
	WASTE DITCH	1972	Cl Ion	5.371E+02	1.517E+05	2.825E+08	7.1
		1972	Na Ion	3.660E+02	1.034E+05	2.825E+08	7.1
		1972	PO4 Ion	1.887E+01	5.331E+03	2.825E+08	7.1
		1972	SO3 Ion	2.000E+00	5.656E+02	2.825E+08	7.1
		1972	SO4 Ion	2.465E+02	6.962E+04	2.825E+08	7.1
	WASTE DITCH	1973	Cl Ion	3.277E+02	1.396E+05	4.260E+08	5.8
		1973	Na Ion	2.332E+02	9.934E+04	4.260E+08	5.8
		1973	PO4 Ion	2.093E+01	8.919E+03	4.260E+08	5.8
		1973	SO3 Ion	2.090E+00	8.890E+02	4.260E+08	5.8
		1973	SO4 Ion	6.515E+02	2.776E+05	4.260E+08	5.8
	WASTE DITCH	1974	Cl Ion	9.288E+01	1.103E+05	1.187E+09	7.3
		1974	Na Ion	9.321E+01	1.107E+05	1.187E+09	7.3
		1974	PO4 Ion	1.068E+01	1.268E+04	1.187E+09	7.3
		1974	SO4 Ion	3.840E+02	4.558E+05	1.187E+09	7.3
	WASTE DITCH	1975	Cl Ion	1.979E+02	1.848E+05	9.341E+08	7.1
		1975	Na Ion	1.424E+02	1.330E+05	9.341E+08	7.1
		1975	PO4 Ion	7.420E+00	6.930E+03	9.341E+08	7.1
		1975	SO4 Ion	2.858E+02	2.669E+05	9.341E+08	7.1

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion, potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF	WASTE DITCH	1976	Cl Ion	2.974E+02	1.596E+05	5.368E+08	6.3
		1976	Na Ion	2.061E+02	1.106E+05	5.368E+08	6.3
		1976	PO4 Ion	8.850E+00	4.748E+03	5.368E+08	6.3
		1976	SO4 Ion	5.455E+02	2.928E+05	5.368E+08	6.3
	WASTE DITCH	1977	CLO Ion	2.600E-01	1.660E+02	6.318E+08	4.9
		1977	Ca Ion	1.000E-01	6.441E+01	6.318E+08	4.9
		1977	Cl Ion	2.383E+02	1.505E+05	6.318E+08	4.9
		1977	Na Ion	1.479E+02	9.344E+04	6.318E+08	4.9
		1977	PO4 Ion	7.910E+00	4.996E+03	6.318E+08	4.9
		1977	SO4 Ion	3.751E+02	2.370E+05	6.318E+08	4.9
	WASTE DITCH	1978	CLO Ion	4.770E+00	3.555E+03	7.459E+08	4.9
		1978	Ca Ion	1.860E+00	1.384E+03	7.459E+08	4.9
		1978	Cl Ion	2.154E+02	1.606E+05	7.459E+08	4.9
		1978	Na Ion	1.137E+02	8.476E+04	7.459E+08	4.9
		1978	PO4 Ion	3.680E+00	2.742E+03	7.459E+08	4.9
		1978	SO4 Ion	4.349E+02	3.243E+05	7.459E+08	4.9
	WASTE DITCH	1979	CLO Ion	7.250E+00	5.215E+03	7.170E+08	7.4
		1979	Ca Ion	2.830E+00	2.031E+03	7.170E+08	7.4
		1979	Cl Ion	2.326E+02	1.672E+05	7.170E+08	7.4
		1979	Na Ion	1.333E+02	9.580E+04	7.170E+08	7.4
		1979	PO4 Ion	3.690E+00	2.654E+03	7.170E+08	7.4
		1979	SO4 Ion	3.274E+02	2.354E+05	7.170E+08	7.4
	WASTE DITCH	1980	CLO Ion	1.009E+01	4.433E+03	4.395E+08	6.6
		1980	Ca Ion	3.930E+00	1.726E+03	4.395E+08	6.6
		1980	Cl Ion	1.548E+02	6.802E+04	4.395E+08	6.6
		1980	Na Ion	1.718E+02	7.550E+04	4.395E+08	6.6
		1980	PO4 Ion	3.990E+00	1.754E+03	4.395E+08	6.6
		1980	SO4 Ion	3.842E+02	1.688E+05	4.395E+08	6.6
	WASTE DITCH	1981	CLO Ion	1.900E+01	4.944E+03	2.602E+08	5.9
		1981	Ca Ion	7.400E+00	1.926E+03	2.602E+08	5.9
		1981	Cl Ion	2.332E+02	6.068E+04	2.602E+08	5.9
		1981	Na Ion	2.215E+02	5.762E+04	2.602E+08	5.9
		1981	PO4 Ion	3.710E+00	9.650E+02	2.602E+08	5.9
		1981	SO4 Ion	3.612E+02	9.399E+04	2.602E+08	5.9
	WASTE DITCH	1982	CLO Ion	7.160E+00	3.000E+03	4.200E+08	6.5
		1982	Ca Ion	2.790E+00	1.171E+03	4.200E+08	6.5
		1982	Cl Ion	1.379E+02	5.791E+04	4.200E+08	6.5
		1982	Na Ion	1.143E+02	4.802E+04	4.200E+08	6.5
		1982	PO4 Ion	2.870E+00	1.204E+03	4.200E+08	6.5
		1982	SO4 Ion	3.712E+02	1.559E+05	4.200E+08	6.5
TRA	CHEM. WASTE POND	1971	Cl Ion	2.896E+01	5.027E+03	1.736E+08	---
		1971	Na Ion	6.624E+02	1.150E+05	1.736E+08	---
		1971	PO4 Ion	4.442E-02	7.711E+00	1.736E+08	---

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1971	SO4 Ion	3.221E+03	5.592E+05	1.736E+08	---
	DISP. WELL	1971	PO4 Ion	2.730E+00	1.403E+03	5.132E+08	---
		1971	SO4 Ion	7.894E+02	4.051E+05	5.132E+08	---
		1971	Zn Ion	2.450E+00	1.258E+03	5.132E+08	---
	WARM WASTE POND	1971	CLO Ion	1.000E+00	1.061E+02	1.057E+08	---
		1971	PO4 Ion	1.520E+00	1.610E+02	1.057E+08	---
		1971	SO4 Ion	3.419E+02	3.613E+04	1.057E+08	---
		1971	Zn Ion	1.320E+00	1.397E+02	1.057E+08	---
	CHEM. WASTE POND	1972	Na Ion	2.792E+02	7.690E+04	2.754E+08	---
		1972	PO4 Ion	3.787E-02	1.043E+01	2.754E+08	---
		1972	SO4 Ion	2.143E+03	5.903E+05	2.754E+08	---
	DISP. WELL	1972	PO4 Ion	6.000E-01	2.935E+02	4.875E+08	8.0
		1972	SO4 Ion	5.050E+02	2.462E+05	4.875E+08	8.0
		1972	Zn Ion	6.300E-01	3.071E+02	4.875E+08	8.0
	WARM WASTE POND	1972	CLO Ion	5.700E-01	8.029E-01	1.407E+08	---
		1972	PO4 Ion	3.300E-01	4.672E+01	1.407E+08	---
		1972	SO4 Ion	3.044E+02	4.283E+04	1.407E+08	---
		1972	Zn Ion	3.400E-01	4.853E+01	1.407E+08	---
	CHEM. WASTE POND	1973	Na Ion	5.324E+02	6.335E+04	1.190E+08	---
		1973	PO4 Ion	1.677E-01	1.996E+01	1.190E+08	---
		1973	SO4 Ion	3.997E+03	4.757E+05	1.190E+08	---
	DISP. WELL	1973	CLO Ion	3.600E-01	2.821E+02	7.903E+08	8.1
		1973	SO4 Ion	2.385E+02	1.885E+05	7.903E+08	8.1
	WARM WASTE POND	1973	CLO Ion	1.668E+02	8.005E+03	4.799E+07	---
		1973	SO4 Ion	5.499E+02	2.639E+04	4.799E+07	---
	CHEM. WASTE POND	1974	Na Ion	4.946E+02	5.871E+04	1.187E+08	---
		1974	PO4 Ion	6.496E-02	7.711E+00	1.187E+08	---
		1974	SO4 Ion	5.373E+03	6.378E+05	1.187E+08	---
	DISP. WELL	1974	Na Ion	5.787E-03	8.165E+00	1.411E+09	7.9
		1974	PO4 Ion	1.090E+00	1.541E+03	1.411E+09	7.9
		1974	SO4 Ion	1.585E+02	2.236E+05	1.411E+09	7.9
	CHEM. WASTE POND	1975	Na Ion	5.960E+02	5.824E+04	9.771E+07	---
		1975	SO4 Ion	6.642E+03	6.490E+05	9.771E+07	---
	DISP. WELL	1975	Na Ion	1.714E-02	2.223E+01	1.297E+09	8.7
		1975	PO4 Ion	3.660E+00	4.747E+03	1.297E+09	8.7
		1975	SO4 Ion	1.744E+02	2.262E+05	1.297E+09	8.7
	CHEM. WASTE POND	1976	Na Ion	5.528E+02	5.238E+04	1.002E+08	---
		1976	SO4 Ion	6.651E+02	6.640E+05	1.002E+08	---
	DISP. WELL	1976	CLO Ion	1.539E-01	2.663E+02	1.730E+09	8.1
		1976	Cl Ion	1.106E-01	1.914E+02	1.730E+09	8.1
		1976	K Ion	1.150E+00	1.989E+03	1.730E+09	8.1
		1976	Na Ion	4.980E-01	8.618E+02	1.730E+09	8.1
		1976	PO4 Ion	3.230E+00	5.592E+03	1.730E+09	8.1
		1976	SO4 Ion	2.909E+02	5.033E+05	1.730E+09	8.1
	CHEM. WASTE POND	1977	Na Ion	5.893E+02	4.829E+04	8.196E+07	---

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1977	SO4 Ion	6.831E+03	5.598E+05	8.196E+07	---
	DISP. WELL	1977	CLO Ion	2.503E-01	3.620E+02	1.446E+09	8.3
		1977	Cl Ion	1.867E-01	2.699E+02	1.446E+09	8.3
		1977	K Ion	1.930E+00	2.786E+03	1.446E+09	8.3
		1977	Na Ion	7.324E-01	1.059E+03	1.446E+09	8.3
		1977	PO4 Ion	6.310E+00	9.123E+03	1.446E+09	8.3
		1977	SO4 Ion	1.212E+02	1.752E+05	1.446E+09	8.3
	CHEM. WASTE POND	1978	Na Ion	6.219E+02	4.911E+04	7.897E+07	7.5
		1978	SO4 Ion	7.232E+03	5.711E+05	7.897E+07	7.5
	DISP. WELL	1978	CLO Ion	7.095E-01	7.230E+02	1.019E+09	8.0
		1978	Cl Ion	2.480E-01	2.527E+02	1.019E+09	8.0
		1978	K Ion	3.200E+00	3.261E+03	1.019E+09	8.0
		1978	Na Ion	1.570E+00	1.602E+03	1.019E+09	8.0
		1978	PO4 Ion	1.146E+01	1.167E+04	1.019E+09	8.0
		1978	SO4 Ion	2.371E+02	2.414E+05	1.019E+09	8.0
	CHEM. WASTE POND	1979	Na Ion	9.843E+02	6.525E+04	6.630E+07	---
		1979	SO4 Ion	7.910E+03	5.244E+05	6.630E+07	---
	DISP. WELL	1979	CLO Ion	3.040E-01	3.070E+02	1.010E+09	7.6
		1979	Cl Ion	2.267E-01	2.290E+02	1.010E+09	7.6
		1979	K Ion	2.430E+00	2.458E+03	1.010E+09	7.6
		1979	Na Ion	1.440E+00	1.457E+03	1.010E+09	7.6
		1979	PO4 Ion	1.104E+01	1.115E+04	1.010E+09	7.6
		1979	SO4 Ion	2.658E+02	2.686E+05	1.010E+09	7.6
	CHEM. WASTE POND	1980	Na Ion	6.908E+02	3.049E+04	4.414E+07	---
		1980	SO4 Ion	7.014E+03	3.096E+05	4.414E+07	---
	DISP. WELL	1980	CLO Ion	2.542E-01	3.150E+02	1.239E+09	7.6
		1980	Cl Ion	1.929E-01	2.390E+02	1.239E+09	7.6
		1980	K Ion	1.240E+00	1.535E+03	1.239E+09	7.6
		1980	Na Ion	8.620E-01	1.068E+03	1.239E+09	7.6
		1980	PO4 Ion	4.700E+00	5.819E+03	1.239E+09	7.6
		1980	SO4 Ion	1.437E+02	1.780E+05	1.239E+09	7.6
	CHEM. WASTE POND	1981	Na Ion	1.061E+03	3.783E+04	3.567E+07	---
		1981	SO4 Ion	7.670E+03	2.736E+04	3.567E+07	---
	COLD WASTE POND	1981	CLO Ion	7.900E-01	2.000E+00	2.536E+06	8.3
		1981	Cl Ion	3.900E-01	1.000E+00	2.536E+06	8.3
		1981	K Ion	7.900E-01	2.000E+00	2.536E+06	8.3
		1981	Na Ion	1.580E+00	4.000E+00	2.536E+06	8.3
		1981	PO4 Ion	1.100E+01	2.800E+01	2.536E+06	8.3
		1981	SO4 Ion	6.065E+03	1.538E+04	2.536E+06	8.3
	DISP. WELL	1981	CLO Ion	3.000E-01	2.740E+02	9.146E+08	8.3
		1981	Cl Ion	2.300E-01	2.100E+02	9.146E+08	8.3
		1981	K Ion	1.090E+00	1.000E+03	9.146E+08	8.3
		1981	Na Ion	1.040E+00	9.530E+02	9.146E+08	8.3
		1981	PO4 Ion	2.221E+01	2.031E+04	9.146E+08	8.3
		1981	SO4 Ion	2.449E+02	2.239E+05	9.146E+08	8.3
	CHEM. WASTE POND	1982	Na Ion	7.677E+02	2.578E+04	3.358E+07	---

Table 3.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1971-1982 yearly totals--continued

(Abbreviation: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL; disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO3 Ion, sulfite; SO4 Ion, sulfate; NO3 Ion, nitrate; Zn Ion, zinc; and K Ion,potassium Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L), volume in liters.)

Disp_site	Release_point	Year	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1982	SO4 Ion	9.509E+03	3.193E+05	3.358E+07	---
	COLD WASTE POND	1982	CLO Ion	3.000E-01	2.320E+02	7.683E+08	8.0
		1982	Cl Ion	5.000E-01	3.860E+02	7.683E+08	8.0
		1982	K Ion	2.900E-01	2.200E+02	7.683E+08	8.0
		1982	Na Ion	6.300E-01	4.850E+02	7.683E+08	8.0
		1982	PO4 Ion	5.030E+00	3.863E+03	7.683E+08	8.0
		1982	SO4 Ion	2.256E+02	1.733E+05	7.683E+08	8.0
	DISP. WELL	1982	CLO Ion	3.820E-01	5.400E+01	1.413E+08	8.1
		1982	Cl Ion	9.910E-01	1.400E+02	1.413E+08	8.1
		1982	K Ion	3.820E-01	5.400E+01	1.413E+08	8.1
		1982	Na Ion	1.050E+00	1.490E+02	1.413E+08	8.1
		1982	PO4 Ion	4.790E+00	6.770E+02	1.413E+08	8.1
		1982	SO4 Ion	2.661E+02	3.760E+04	1.413E+08	8.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA	SEWAGE PLANT	1977	01	CLO Ion	2.253E+00	3.583E+01	1.590E+07	---
		1977	01	Ca Ion	3.423E-01	5.443E+00	1.590E+07	---
		1977	01	Cl Ion	3.618E+01	5.752E+02	1.590E+07	---
		1977	01	Na Ion	2.242E+01	3.565E+02	1.590E+07	---
		1977	01	PO4 Ion	2.853E+00	4.536E+01	1.590E+07	---
	SEWAGE PLANT	1977	02	CLO Ion	3.203E+00	3.946E+01	1.232E+07	7.3
		1977	02	Ca Ion	5.154E-01	6.350E+00	1.232E+07	7.3
		1977	02	Cl Ion	4.691E+01	5.779E+02	1.232E+07	7.3
		1977	02	Na Ion	2.894E+01	3.565E+02	1.232E+07	7.3
		1977	02	PO4 Ion	3.682E+00	4.536E+01	1.232E+07	7.3
	SEWAGE PLANT	1977	03	CLO Ion	2.244E+00	3.538E+01	1.577E+07	7.2
		1977	03	Ca Ion	3.164E-01	4.990E+00	1.577E+07	7.2
		1977	03	Cl Ion	3.644E+01	5.747E+02	1.577E+07	7.2
		1977	03	Na Ion	2.261E+01	3.565E+02	1.577E+07	7.2
		1977	03	PO4 Ion	2.876E+00	4.536E+01	1.577E+07	7.2
	SEWAGE PLANT	1977	04	CLO Ion	2.032E+00	2.948E+01	1.451E+07	7.2
		1977	04	Ca Ion	3.126E-01	4.536E+00	1.451E+07	7.2
		1977	04	Cl Ion	3.932E+01	5.706E+02	1.451E+07	7.2
		1977	04	Na Ion	2.457E+01	3.565E+02	1.451E+07	7.2
		1977	04	PO4 Ion	3.126E+00	4.536E+01	1.451E+07	7.2
	SEWAGE PLANT	1977	05	CLO Ion	2.297E+00	3.765E+01	1.639E+07	7.2
		1977	05	Ca Ion	4.982E-01	8.165E+00	1.639E+07	7.2
		1977	05	Cl Ion	3.517E+01	5.765E+02	1.639E+07	7.2
		1977	05	Na Ion	2.175E+01	3.565E+02	1.639E+07	7.2
		1977	05	PO4 Ion	2.768E+00	4.536E+01	1.639E+07	7.2
	SEWAGE PLANT	1977	06	CLO Ion	2.226E+00	3.946E+01	1.773E+07	7.2
		1977	06	Ca Ion	4.605E-01	8.165E+00	1.773E+07	7.2
		1977	06	Cl Ion	3.259E+01	5.779E+02	1.773E+07	7.2
		1977	06	Na Ion	2.011E+01	3.565E+02	1.773E+07	7.2
		1977	06	PO4 Ion	2.558E+00	4.536E+01	1.773E+07	7.2
	SEWAGE PLANT	1977	07	CLO Ion	2.884E+00	3.856E+01	1.337E+07	7.2
		1977	07	Ca Ion	6.107E-01	8.165E+00	1.337E+07	7.2
		1977	07	Cl Ion	4.316E+01	5.770E+02	1.337E+07	7.2
		1977	07	Na Ion	2.666E+01	3.565E+02	1.337E+07	7.2
		1977	07	PO4 Ion	3.393E+00	4.536E+01	1.337E+07	7.2
	SEWAGE PLANT	1977	08	CLO Ion	2.640E+00	4.581E+01	1.735E+07	7.7
		1977	08	Ca Ion	2.876E-01	4.990E+00	1.735E+07	7.7
		1977	08	Cl Ion	3.354E+01	5.820E+02	1.735E+07	7.2
		1977	08	Na Ion	2.055E+01	3.565E+02	1.735E+07	7.7
		1977	08	PO4 Ion	2.614E+00	4.536E+01	1.735E+07	7.7
	SEWAGE PLANT	1977	09	CLO Ion	3.461E+00	4.763E+01	1.376E+07	7.8

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1977	09	Ca Ion	5.934E-01	8.165E+00	1.376E+07	7.8
		1977	09	Cl Ion	4.239E+01	5.833E+02	1.376E+07	7.8
		1977	09	Na Ion	2.591E+01	3.565E+02	1.376E+07	7.8
		1977	09	PO4 Ion	3.166E+00	4.356E+01	1.376E+07	7.8
	SEWAGE PLANT	1977	10	CLO Ion	3.505E+00	4.672E+01	1.333E+07	7.7
		1977	10	Ca Ion	3.743E-01	4.990E+00	1.333E+07	7.7
		1977	10	Cl Ion	4.369E+01	5.824E+02	1.333E+07	7.7
		1977	10	Na Ion	2.674E+01	3.565E+02	1.333E+07	7.7
		1977	10	PO4 Ion	3.403E+00	4.536E+01	1.333E+07	7.7
	SEWAGE PLANT	1977	11	CLO Ion	3.548E+00	4.173E+01	1.176E+07	7.5
		1977	11	Ca Ion	4.243E-01	4.990E+00	1.176E+07	7.5
		1977	11	Cl Ion	4.925E+01	5.792E+02	1.176E+07	7.5
		1977	11	Na Ion	3.031E+01	3.565E+02	1.176E+07	7.5
		1977	11	PO4 Ion	3.857E+00	4.536E+01	1.176E+07	7.5
	SEWAGE PLANT	1977	12	CLO Ion	3.805E+00	4.037E+01	1.061E+07	7.4
		1977	12	Ca Ion	4.703E-01	4.990E+00	1.061E+07	7.4
		1977	12	Cl Ion	5.451E+01	5.783E+02	1.061E+07	7.4
		1977	12	Na Ion	3.360E+01	3.565E+02	1.061E+07	7.4
		1977	12	PO4 Ion	4.106E+00	4.356E+01	1.061E+07	7.4
	SEWAGE PLANT	1978	01	CLO Ion	3.577E+00	4.536E+01	1.268E+07	7.6
		1978	01	Ca Ion	7.512E-01	9.525E+00	1.268E+07	7.6
		1978	01	Cl Ion	4.586E+01	5.815E+02	1.263E+07	7.6
		1978	01	Na Ion	2.812E+01	3.565E+02	1.268E+07	7.6
		1978	01	PO4 Ion	3.577E+00	4.536E+01	1.268E+07	7.6
	SEWAGE PLANT	1978	02	CLO Ion	3.922E+00	4.173E+01	1.064E+07	7.6
		1978	02	Ca Ion	8.952E-01	9.525E+00	1.064E+07	7.6
		1978	02	Cl Ion	5.444E+01	5.792E+02	1.064E+07	7.6
		1978	02	Na Ion	3.351E+01	3.565E+02	1.064E+07	7.6
		1978	02	PO4 Ion	4.263E+00	4.536E+01	1.064E+07	7.6
	SEWAGE PLANT	1978	03	CLO Ion	3.992E+00	4.627E+01	1.159E+07	7.6
		1978	03	Ca Ion	1.096E+00	1.270E+01	1.159E+07	7.6
		1978	03	Cl Ion	5.025E+01	5.824E+02	1.159E+07	7.6
		1978	03	Na Ion	3.076E+01	3.565E+02	1.159E+07	7.6
		1978	03	PO4 Ion	3.914E+00	4.536E+01	1.159E+07	7.6
	SEWAGE PLANT	1978	04	CLO Ion	3.964E+00	4.309E+01	1.087E+07	7.6
		1978	04	Ca Ion	1.085E+00	1.179E+01	1.087E+07	7.6
		1978	04	Cl Ion	5.337E+01	5.801E+02	1.087E+07	7.6
		1978	04	Na Ion	3.280E+01	3.565E+02	1.087E+07	7.6
		1978	04	PO4 Ion	4.173E+00	4.536E+01	1.087E+07	7.6
	SEWAGE PLANT	1978	05	CLO Ion	3.144E+00	4.763E+01	1.515E+07	7.5
		1978	05	Ca Ion	8.383E-01	1.270E+01	1.515E+07	7.5
		1978	05	Cl Ion	3.850E+01	5.833E+02	1.515E+07	7.5
		1978	05	Na Ion	2.353E+01	3.565E+02	1.515E+07	7.5

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1978	05	PO4 Ion	2.994E+00	4.536E+01	1.515E+07	7.5
	SEWAGE PLANT	1978	06	CLO Ion	2.970E+00	4.717E+01	1.588E+07	7.5
		1978	06	Ca Ion	9.137E-01	1.451E+01	1.588E+07	7.5
		1978	06	Cl Ion	3.673E+01	5.833E+02	1.588E+07	7.5
		1978	06	Na Ion	2.245E+01	3.565E+02	1.588E+07	7.5
		1978	06	PO4 Ion	2.856E+00	4.536E+01	1.588E+07	7.5
	SEWAGE PLANT	1978	07	CLO Ion	2.708E+00	5.080E+01	1.876E+07	7.6
		1978	07	Ca Ion	6.285E-01	1.179E+01	1.876E+07	7.6
		1978	07	Cl Ion	3.122E+01	5.856E+02	1.876E+07	7.6
		1978	07	Na Ion	1.900E+01	3.565E+02	1.876E+07	7.6
		1978	07	PO4 Ion	2.418E+00	4.536E+01	1.876E+07	7.6
	SEWAGE PLANT	1978	08	CLO Ion	3.427E+00	5.398E+01	1.575E+07	7.5
		1978	08	Ca Ion	6.048E-01	9.525E+00	1.575E+07	7.5
		1978	08	Cl Ion	3.730E+01	5.874E+02	1.575E+07	7.5
		1978	08	Na Ion	2.263E+01	3.565E+02	1.575E+07	7.5
		1978	08	PO4 Ion	2.880E+00	4.536E+01	1.575E+07	7.5
	SEWAGE PLANT	1978	09	CLO Ion	2.939E+00	5.443E+01	1.852E+07	7.8
		1978	09	Ca Ion	3.434E-01	6.350E+00	1.852E+07	7.8
		1978	09	Cl Ion	3.174E+01	5.879E+02	1.852E+07	7.8
		1978	09	Na Ion	1.925E+01	3.565E+02	1.852E+07	7.8
		1978	09	PO4 Ion	2.449E+00	4.536E+01	1.852E+07	7.8
	SEWAGE PLANT	1978	10	CLO Ion	3.862E+00	5.670E+01	1.468E+07	---
		1978	10	Ca Ion	8.031E-01	1.179E+01	1.468E+07	---
		1978	10	Cl Ion	4.017E+01	5.897E+02	1.468E+07	---
		1978	10	Na Ion	2.428E+01	3.565E+02	1.468E+07	---
		1978	10	PO4 Ion	3.090E+00	4.536E+01	1.468E+07	---
	SEWAGE PLANT	1978	11	CLO Ion	3.906E+00	5.488E+01	1.405E+07	7.6
		1978	11	Ca Ion	8.391E-01	1.179E+01	1.405E+07	7.6
		1978	11	Na Ion	2.537E+01	3.565E+02	1.405E+07	7.6
		1978	11	PO4 Ion	3.228E+00	4.536E+01	1.405E+07	7.6
	SEWAGE PLANT	1978	12	CLO Ion	3.629E+00	4.808E+01	1.325E+07	7.5
		1978	12	Ca Ion	6.162E-01	8.165E+00	1.325E+07	7.5
		1978	12	Cl Ion	4.402E+01	5.833E+02	1.325E+07	7.5
		1978	12	Na Ion	2.691E+01	3.565E+02	1.325E+07	7.5
		1978	12	PO4 Ion	3.423E+00	4.536E+01	1.325E+07	7.5
	SEWAGE PLANT	1979	01	CLO Ion	3.578E+00	5.700E+01	1.593E+07	7.5
		1979	01	Ca Ion	5.022E-01	8.000E+00	1.593E+07	7.5
		1979	01	Cl Ion	3.704E+01	5.900E+02	1.593E+07	7.5
		1979	01	Na Ion	2.241E+01	3.570E+02	1.593E+07	7.5
		1979	01	PO4 Ion	2.825E+00	4.500E+01	1.593E+07	7.5
	SEWAGE PLANT	1979	02	CLO Ion	4.184E+00	5.100E+01	1.219E+07	7.4
		1979	02	Ca Ion	9.844E-01	1.200E+01	1.219E+07	7.4

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1979	02	Cl Ion	4.307E+01	5.360E+02	1.219E+07	7.4
		1979	02	Na Ion	2.929E+01	3.570E+02	1.219E+07	7.4
		1979	02	PO4 Ion	3.692E+00	4.500E+01	1.219E+07	7.4
	SEWAGE PLANT	1979	03	CLO Ion	4.357E+00	6.000E+01	1.377E+07	7.6
		1979	03	Ca Ion	5.810E+01	8.000E+00	1.377E+07	7.6
		1979	03	Cl Ion	4.292E+01	5.910E+02	1.377E+07	7.6
		1979	03	Na Ion	2.593E+01	3.570E+02	1.377E+07	7.6
		1979	03	PO4 Ion	3.268E+00	4.500E+01	1.377E+07	7.6
	SEWAGE PLANT	1979	04	CLO Ion	4.503E+00	6.200E+01	1.377E+07	7.5
		1979	04	Ca Ion	5.810E+01	8.000E+00	1.377E+07	7.5
		1979	04	Cl Ion	4.306E+01	5.930E+02	1.377E+07	7.5
		1979	04	Na Ion	2.593E+01	3.570E+02	1.377E+07	7.5
		1979	04	PO4 Ion	3.524E+00	4.500E+01	1.277E+07	7.5
	SEWAGE PLANT	1979	05	CLO Ion	4.315E+00	6.200E+01	1.437E+07	7.5
		1979	05	Ca Ion	5.567E-01	8.000E+00	1.437E+07	7.5
		1979	05	Cl Ion	4.127E+01	5.930E+02	1.437E+07	7.5
		1979	05	Na Ion	2.484E+01	3.570E+02	1.437E+07	7.5
		1979	05	PO4 Ion	3.132E+00	4.500E+01	1.437E+07	7.5
	SEWAGE PLANT	1979	06	CLO Ion	3.852E+00	5.400E+01	1.402E+07	---
		1979	06	Ca Ion	5.706E-01	8.000E+00	1.402E+07	---
		1979	06	Cl Ion	4.137E+01	5.880E+02	1.402E+07	---
		1979	06	Na Ion	2.546E+01	3.570E+02	1.402E+07	---
		1979	06	PO4 Ion	3.210E+00	4.500E+01	1.402E+07	---
	SEWAGE PLANT	1979	07	Ca Ion	5.831E-01	8.000E+00	1.372E+07	7.9
		1979	07	Cl Ion	4.679E+01	5.910E+02	1.263E+07	7.8
		1979	07	Cl Ion	4.308E+01	5.910E+02	1.372E+07	7.9
		1979	07	Na Ion	2.602E+01	3.570E+02	1.372E+07	7.9
		1979	07	PO4 Ion	3.280E+00	4.500E+01	1.372E+07	7.9
	SEWAGE PLANT	1979	08	CLO Ion	4.751E+00	6.000E+01	1.263E+07	7.8
		1979	08	Ca Ion	6.334E-01	8.000E+00	1.263E+07	7.8
		1979	08	Na Ion	2.827E+01	3.570E+02	1.263E+07	7.8
		1979	08	PO4 Ion	3.563E+00	4.500E+01	1.263E+07	7.8
	SEWAGE PLANT	1979	09	CLO Ion	5.396E+00	5.200E+01	9.637E+06	7.7
		1979	09	Ca Ion	8.301E-01	8.000E+00	9.637E+06	7.7
		1979	09	Cl Ion	6.081E+01	5.860E+02	9.637E+06	7.7
		1979	09	Na Ion	3.704E+01	3.570E+02	9.637E+06	7.7
		1979	09	PO4 Ion	4.670E+00	4.500E+01	9.637E+06	7.7
	SEWAGE PLANT	1979	10	CLO Ion	4.380E+00	5.400E+01	1.233E+07	7.9
		1979	10	Ca Ion	6.488E-01	8.000E+00	1.233E+07	7.9
		1979	10	Cl Ion	4.769E+01	5.880E+02	1.233E+07	7.9
		1979	10	Na Ion	2.895E+01	3.570E+02	1.233E+07	7.9
		1979	10	PO4 Ion	3.650E+00	4.500E+01	1.233E+07	7.9

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA	SEWAGE PLANT	1979	11	CLO Ion	5.244E-01	5.000E+01	9.535E+07	7.6
		1979	11	Ca Ion	8.390E-01	8.000E+00	9.535E+06	7.6
		1979	11	Cl Ion	6.135E+01	5.850E+02	9.535E+06	7.6
		1979	11	Na Ion	3.744E+00	3.570E+02	9.535E+07	7.6
		1979	11	PO4 Ion	4.719E+00	4.500E+01	9.535E+06	7.6
	SEWAGE PLANT	1979	12	CLO Ion	4.113E+00	4.900E+01	1.190E+07	7.7
		1979	12	Ca Ion	6.723E-01	8.000E+00	1.190E+07	7.7
		1979	12	Cl Ion	4.916E+01	5.850E+02	1.190E+07	7.7
		1979	12	Na Ion	3.000E+01	3.570E+02	1.190E+07	7.7
		1979	12	PO4 Ion	3.782E+00	4.500E+01	1.190E+07	7.7
	SEWAGE PLANT	1980	01	CLO Ion	4.290E+00	5.800E+01	1.352E+07	7.5
		1980	01	Ca Ion	5.917E-01	8.000E+00	1.352E+07	7.5
		1980	01	Cl Ion	9.024E+00	1.220E+02	1.352E+07	7.5
		1980	01	Na Ion	3.994E+00	5.400E+01	1.352E+07	7.5
		1980	01	PO4 Ion	3.328E+00	4.500E+01	1.352E+07	7.5
	SEWAGE PLANT	1980	02	CLO Ion	3.664E+00	5.100E+01	1.392E+07	7.7
		1980	02	Ca Ion	5.747E-01	8.000E+00	1.392E+07	7.7
		1980	02	Cl Ion	8.405E+00	1.170E+02	1.392E+07	7.7
		1980	02	Na Ion	3.879E+00	5.400E+01	1.392E+07	7.7
		1980	02	PO4 Ion	3.233E+00	4.500E+01	1.392E+07	7.7
	SEWAGE PLANT	1980	03	CLO Ion	3.775E+00	5.500E+01	1.457E+07	7.7
		1980	03	Ca Ion	5.491E-01	8.000E+00	1.457E+07	7.7
		1980	03	Cl Ion	8.305E+00	1.210E+02	1.457E+07	7.7
		1980	03	Na Ion	3.706E+00	5.400E+01	1.457E+07	7.7
		1980	03	PO4 Ion	5.628E+00	8.200E+01	1.457E+07	7.7
	SEWAGE PLANT	1980	04	CLO Ion	3.256E+00	4.800E+01	1.474E+07	7.4
		1980	04	Ca Ion	8.141E-01	1.200E+01	1.474E+07	7.4
		1980	04	Cl Ion	7.870E+00	1.160E+02	1.474E+07	7.4
		1980	04	Na Ion	3.664E+00	5.400E+01	1.474E+07	7.4
		1980	04	PO4 Ion	5.563E+00	8.200E+01	1.474E+07	7.4
	SEWAGE PLANT	1980	05	CLO Ion	2.938E+00	5.600E+01	1.906E+07	7.7
		1980	05	Ca Ion	6.821E-01	1.300E+01	1.906E+07	7.7
		1980	05	Cl Ion	6.348E+00	1.210E+02	1.906E+07	7.7
		1980	05	Na Ion	2.833E+00	5.400E+01	1.906E+07	7.7
		1980	05	PO4 Ion	4.302E+00	8.200E+01	1.906E+07	7.7
	SEWAGE PLANT	1980	06	CLO Ion	2.643E+00	4.900E+01	1.854E+07	7.6
		1980	06	Ca Ion	5.394E-01	1.000E+01	1.854E+07	7.6
		1980	06	Cl Ion	6.257E+00	1.160E+02	1.854E+07	7.6
		1980	06	Na Ion	2.913E+00	5.400E+01	1.854E+07	7.6
		1980	06	PO4 Ion	4.423E+00	8.200E+01	1.854E+07	7.6
	SEWAGE PLANT	1980	07	CLO Ion	2.567E+00	4.400E+01	1.714E+07	7.5
		1980	07	Ca Ion	8.751E-01	1.500E+01	1.714E+07	7.5
		1980	07	Cl Ion	6.593E+00	1.130E+02	1.714E+07	7.5

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1980	07	Na Ion	3.151E+00	5.400E+01	1.714E+07	7.5
		1980	07	PO4 Ion	4.784E+00	8.200E+01	1.714E+07	7.6
	SEWAGE PLANT	1980	08	CLO Ion	1.291E+00	2.400E+01	1.859E+07	7.4
		1980	08	Ca Ion	8.607E-01	1.600E+01	1.859E+07	7.4
		1980	08	Cl Ion	5.325E+00	9.900E+01	1.859E+07	7.4
		1980	08	Na Ion	2.905E+00	5.400E+01	1.859E+07	7.4
		1980	08	PO4 Ion	4.411E+00	8.200E+01	1.859E+07	7.4
	SEWAGE PLANT	1980	09	CLO Ion	2.453E+00	3.500E+01	1.427E+07	7.5
		1980	09	Ca Ion	4.905E-01	7.000E+00	1.427E+07	7.5
		1980	09	Cl Ion	7.498E+00	1.070E+02	1.427E+07	7.5
		1980	09	Na Ion	3.784E+00	5.400E+01	1.427E+07	7.5
		1980	09	PO4 Ion	5.746E+00	8.200E+01	1.427E+07	7.5
	SEWAGE PLANT	1980	10	CLO Ion	1.354E+00	1.600E+01	1.182E+07	7.8
		1980	10	Ca Ion	1.768E+00	1.800E+01	1.182E+07	7.8
		1980	10	Cl Ion	7.953E+00	9.400E+01	1.182E+07	7.8
		1980	10	Na Ion	4.569E+00	5.400E+01	1.182E+07	7.8
		1980	10	PO4 Ion	6.937E+00	8.200E+01	1.182E+07	7.8
	SEWAGE PLANT	1980	11	CLO Ion	2.498E+00	3.600E+01	1.441E+07	7.6
		1980	11	Ca Ion	5.552E-01	8.000E+00	1.441E+07	7.6
		1980	11	Cl Ion	7.495E+00	1.080E+02	1.441E+07	7.6
		1980	11	Na Ion	3.747E+00	5.400E+01	1.441E+07	7.6
		1980	11	PO4 Ion	5.690E+00	8.200E+01	1.441E+07	7.6
	SEWAGE PLANT	1980	12	CLO Ion	3.879E+00	5.900E+01	1.521E+07	7.5
		1980	12	Ca Ion	6.575E-01	1.000E+01	1.521E+07	7.5
		1980	12	Cl Ion	8.087E+00	1.230E+02	1.521E+07	7.5
		1980	12	Na Ion	3.550E+00	5.400E+01	1.521E+07	7.5
		1980	12	PO4 Ion	5.391E+00	8.200E+01	1.521E+07	7.5
	SEWAGE PLANT	1981	01	CLO Ion	4.874E+00	5.400E+01	1.108E+07	7.5
		1981	01	Ca Ion	1.534E+00	1.700E+01	1.108E+07	7.5
		1981	01	Na Ion	4.874E+00	5.400E+01	1.108E+07	7.5
		1981	01	PO4 Ion	7.401E+00	8.200E+01	1.108E+07	7.5
	SEWAGE PLANT	1981	02	CLO Ion	4.277E+00	4.000E+01	9.353E+06	7.4
		1981	02	Ca Ion	1.176E+00	1.100E+01	9.353E+06	7.4
		1981	02	Cl Ion	1.074E+01	1.190E+02	1.108E+07	7.5
		1981	02	Na Ion	5.774E+00	5.400E+01	9.353E+06	7.4
		1981	02	PO4 Ion	8.767E+00	8.200E+01	9.353E+06	7.4
	SEWAGE PLANT	1981	03	CLO Ion	3.983E+00	5.200E+01	1.304E+07	7.6
		1981	03	Ca Ion	9.202E-01	1.200E+01	1.304E+07	7.6
		1981	03	Cl Ion	9.049E+00	1.180E+02	1.304E+07	7.6
		1981	03	Na Ion	4.141E+00	5.400E+01	1.304E+07	7.6
		1981	03	PO4 Ion	6.283E+00	8.200E+01	1.304E+07	7.6
	SEWAGE PLANT	1981	04	CLO Ion	4.146E+00	5.100E+01	1.230E+07	7.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1981	04	Ca Ion	9.756E-01	1.200E+01	1.230E+07	7.7
		1981	04	Cl Ion	9.593E+00	1.180E+02	1.230E+07	7.7
		1981	04	Na Ion	4.390E+00	5.400E+01	1.230E+07	7.7
		1981	04	PO4 Ion	6.667E+00	8.200E+01	1.230E+07	7.7
	SEWAGE PLANT	1981	05	CLO Ion	3.993E+00	4.400E+01	1.102E+07	7.8
		1981	05	Ca Ion	7.260E-01	8.000E+00	1.102E+07	7.8
		1981	05	Cl Ion	1.025E+01	1.130E+02	1.102E+07	7.8
		1981	05	Na Ion	4.900E+00	5.400E+01	1.102E+07	7.8
		1981	05	PO4 Ion	7.441E+00	8.200E+01	1.102E+07	7.8
	SEWAGE PLANT	1981	06	CLO Ion	4.100E+00	5.100E+01	1.244E+07	7.5
		1981	06	Ca Ion	7.235E-01	9.000E+00	1.244E+07	7.5
		1981	06	Cl Ion	9.405E+00	1.170E+02	1.244E+07	7.5
		1981	06	Na Ion	4.341E+00	5.400E+01	1.244E+07	7.5
		1981	06	PO4 Ion	6.592E+00	8.200E+01	1.244E+07	7.5
	SEWAGE PLANT	1981	07	CLO Ion	4.311E+00	5.100E+01	1.183E+07	7.8
		1981	07	Ca Ion	9.229E-01	1.100E+01	1.183E+07	7.8
		1981	07	Cl Ion	9.890E+00	1.170E+02	1.183E+07	7.8
		1981	07	Na Ion	4.565E+00	5.400E+01	1.183E+07	7.8
		1981	07	PO4 Ion	6.932E+00	8.200E+01	1.183E+07	7.8
	SEWAGE PLANT	1981	08	CLO Ion	4.451E+00	6.000E+01	1.348E+07	7.6
		1981	08	Ca Ion	8.902E-01	1.200E+01	1.348E+07	7.6
		1981	08	Cl Ion	9.199E+00	1.240E+02	1.348E+07	7.6
		1981	08	Na Ion	4.006E+00	5.400E+01	1.348E+07	7.6
		1981	08	PO4 Ion	6.083E+00	8.200E+01	1.348E+07	7.6
	SEWAGE PLANT	1981	09	CLO Ion	5.884E+00	4.900E+01	8.328E+06	7.0
		1981	09	Ca Ion	1.477E+00	1.000E+01	8.328E+06	7.0
		1981	09	Cl Ion	1.405E+01	1.170E+02	8.328E+06	7.0
		1981	09	Na Ion	6.484E+00	5.400E+01	8.328E+06	7.0
		1981	09	PO4 Ion	9.846E+00	8.200E+01	8.328E+06	7.0
	SEWAGE PLANT	1981	10	CLO Ion	3.390E+00	5.600E+01	1.652E+07	7.4
		1981	10	Ca Ion	1.271E+00	2.100E+01	1.652E+07	7.4
		1981	10	Cl Ion	7.324E+00	1.210E+02	1.652E+07	7.4
		1981	10	Na Ion	3.269E+00	5.400E+01	1.652E+07	7.4
		1981	10	PO4 Ion	4.964E+00	8.200E+01	1.652E+07	7.4
	SEWAGE PLANT	1981	11	CLO Ion	2.213E+00	4.900E+01	2.214E+07	7.6
		1981	11	Ca Ion	4.065E-01	9.000E+00	2.214E+07	7.6
		1981	11	Cl Ion	5.239E+00	1.160E+02	2.214E+07	7.6
		1981	11	Na Ion	2.439E+00	5.400E+01	2.214E+07	7.6
		1981	11	PO4 Ion	3.704E+00	8.200E+01	2.214E+07	7.6
	SEWAGE PLANT	1981	12	CLO Ion	3.381E+00	5.400E+01	1.597E+07	7.5
		1981	12	Ca Ion	1.002E+00	1.600E+01	1.597E+07	7.5
		1981	12	Cl Ion	7.514E+00	1.200E+02	1.597E+07	7.5
		1981	12	Na Ion	3.381E+00	5.400E+01	1.597E+07	7.5

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1981	12	PO4 Ion	5.135E+00	8.200E+01	1.597E+07	7.5
	SEWAGE PLANT	1982	01	CLO Ion	4.113E+00	5.400E+01	1.313E+07	7.6
		1982	01	Ca Ion	1.142E+00	1.500E+01	1.313E+07	7.6
		1982	01	Cl Ion	9.139E+00	1.200E+02	1.313E+07	7.6
		1982	01	Na Ion	4.113E+00	5.400E+01	1.313E+07	7.6
		1982	01	PO4 Ion	6.093E-01	8.000E+00	1.313E+07	7.6
	SEWAGE PLANT	1982	02	CLO Ion	5.055E+00	5.500E+01	1.088E+07	7.7
		1982	02	Ca Ion	1.746E+00	1.900E+01	1.088E+07	7.7
		1982	02	Cl Ion	1.103E+01	1.200E+02	1.088E+07	7.7
		1982	02	Na Ion	4.963E+00	5.400E+01	1.088E+07	7.7
		1982	02	PO4 Ion	7.353E-01	8.000E+00	1.088E+07	7.7
	SEWAGE PLANT	1982	03	CLO Ion	2.746E+00	6.200E+01	2.258E+07	7.7
		1982	03	Ca Ion	5.757E-01	1.300E+01	2.258E+07	7.7
		1982	03	Cl Ion	5.536E+00	1.250E+02	2.258E+07	7.7
		1982	03	Na Ion	2.391E+00	5.400E+01	2.258E+07	7.7
		1982	03	PO4 Ion	3.543E-01	8.000E+00	2.258E+07	7.7
	SEWAGE PLANT	1982	04	CLO Ion	2.323E+00	5.000E+01	2.152E+07	7.8
		1982	04	Ca Ion	2.788E-01	6.000E+00	2.152E+07	7.8
		1982	04	Cl Ion	5.437E+00	1.170E+02	2.152E+07	7.8
		1982	04	Na Ion	2.509E+00	5.400E+01	2.152E+07	7.8
		1982	04	PO4 Ion	3.717E-01	8.000E+00	2.152E+07	7.8
	SEWAGE PLANT	1982	05	CLO Ion	3.896E+00	5.100E+01	1.309E+07	7.5
		1982	05	Ca Ion	6.875E-01	9.000E+00	1.309E+07	7.5
		1982	05	Cl Ion	9.015E+00	1.180E+02	1.309E+07	7.5
		1982	05	Na Ion	4.125E+00	5.400E+01	1.309E+07	7.5
		1982	05	PO4 Ion	6.112E-01	8.000E+00	1.309E+07	7.5
	SEWAGE PLANT	1982	06	CLO Ion	4.234E+00	5.800E+01	1.370E+07	7.8
		1982	06	Ca Ion	6.569E-01	9.000E+00	1.370E+07	7.8
		1982	06	Cl Ion	8.905E+00	1.220E+02	1.370E+07	7.8
		1982	06	Na Ion	3.942E+00	5.400E+01	1.370E+07	7.8
		1982	06	PO4 Ion	5.839E-01	8.000E+00	1.370E+07	7.8
	SEWAGE PLANT	1982	07	CLO Ion	9.140E-01	6.300E+01	6.893E+07	7.8
		1982	07	Ca Ion	2.578E-01	1.300E+01	6.983E+07	7.8
		1982	07	Cl Ion	1.828E+00	1.260E+02	6.893E+07	7.8
		1982	07	Na Ion	7.733E-01	5.400E+01	6.893E+07	7.8
		1982	07	PO4 Ion	1.146E-01	8.000E+00	6.893E+07	7.8
	SEWAGE PLANT	1982	08	CLO Ion	3.849E+00	5.600E+01	1.455E+07	7.7
		1982	08	Ca Ion	1.168E+00	1.700E+01	1.455E+07	7.7
		1982	08	Cl Ion	8.316E+00	1.210E+02	1.455E+07	7.7
		1982	08	Na Ion	3.711E+00	5.400E+01	1.455E+07	7.7
		1982	08	PO4 Ion	5.498E-01	8.000E+00	1.455E+07	7.7
	SEWAGE PLANT	1982	09	CLO Ion	2.305E+00	4.600E+01	1.996E+07	7.3

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CFA		1982	09	Ca Ion	7.515E-01	1.500E+01	1.996E+07	7.3
		1982	09	Cl Ion	5.711E+00	1.140E+02	1.996E+07	7.3
		1982	09	Na Ion	2.705E+00	5.400E+01	1.996E+07	7.3
		1982	09	PO4 Ion	4.008E-01	8.000E+00	1.996E+07	7.3
	SEWAGE PLANT	1982	10	CLO Ion	2.783E+01	1.500E+01	5.390E+05	---
		1982	10	Ca Ion	4.267E+01	2.300E+01	5.390E+05	---
		1982	10	Cl Ion	1.725E+02	9.300E+01	5.390E+05	---
		1982	10	Na Ion	1.002E+02	5.400E+01	5.390E+05	---
		1982	10	PO4 Ion	1.484E+01	8.000E+00	5.390E+05	---
	SEWAGE PLANT	1982	11	CLO Ion	3.291E+01	1.300E+01	3.950E+05	---
		1982	11	Ca Ion	5.063E+01	2.000E+01	3.950E+05	---
		1982	11	Cl Ion	2.329E+02	9.200E+01	3.950E+05	---
		1982	11	Na Ion	1.367E+02	5.400E+01	3.950E+05	---
		1982	11	PO4 Ion	2.025E+01	8.000E+00	3.950E+05	---
	SEWAGE PLANT	1982	12	CLO Ion	3.141E+01	1.200E+01	3.820E+05	---
		1982	12	Ca Ion	4.712E+01	1.800E+01	3.820E+05	---
		1982	12	Cl Ion	2.382E+02	9.100E+01	3.820E+05	---
		1982	12	Na Ion	1.414E+02	5.400E+01	3.820E+05	---
		1982	12	PO4 Ion	2.104E+01	8.000E+00	3.802E+05	---
CPP	DISP. WELL	1977	01	Cl Ion	1.740E+02	1.792E+04	1.032E+08	8.1
		1977	01	NO3 Ion	6.500E+01	6.693E+03	1.032E+08	8.1
		1977	01	Na Ion	1.040E+02	1.071E+04	1.032E+08	8.1
		1977	01	SO4 Ion	5.200E+01	5.354E+03	1.032E+08	8.1
	DISP. WELL	1977	02	Cl Ion	1.610E+02	1.736E+04	1.080E+08	7.9
		1977	02	Na Ion	1.060E+02	1.143E+04	1.080E+08	7.9
	DISP. WELL	1977	03	Cl Ion	1.160E+02	1.799E+04	1.554E+08	7.8
		1977	03	Na Ion	1.060E+02	1.644E+04	1.554E+08	7.8
	DISP. WELL	1977	04	Cl Ion	1.310E+02	2.770E+04	2.119E+08	6.1
		1977	04	Na Ion	9.700E+01	2.051E+04	2.119E+08	6.1
	DISP. WELL	1977	05	Cl Ion	1.770E+02	3.314E+04	1.876E+08	7.4
		1977	05	Na Ion	1.170E+02	2.191E+04	1.876E+08	7.4
	DISP. WELL	1977	06	Cl Ion	1.830E+02	2.809E+04	1.538E+08	8.2
		1977	06	NO3 Ion	3.190E+01	4.896E+03	1.538E+08	8.2
		1977	06	Na Ion	1.220E+02	1.872E+04	1.538E+08	8.2
		1977	06	SO4 Ion	4.750E+01	7.290E+03	1.538E+08	8.2
	DISP. WELL	1977	07	Cl Ion	1.560E+02	1.134E+04	7.283E+07	8.1
		1977	07	NO3 Ion	9.340E+01	6.790E+03	7.283E+07	8.1
		1977	07	Na Ion	1.130E+02	8.215E+03	7.283E+07	8.1
		1977	07	SO4 Ion	6.870E+01	4.994E+03	7.283E+07	8.1
	DISP. WELL	1977	08	Cl Ion	1.290E+02	1.007E+04	7.821E+07	6.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1977	08	NO3 Ion	1.400E+02	1.093E+04	7.821E+07	6.7
		1977	08	Na Ion	9.300E+01	7.260E+03	7.821E+07	6.7
		1977	08	SO4 Ion	5.300E+01	4.137E+03	7.821E+07	6.7
	DISP. WELL	1977	09	Cl Ion	1.550E+02	1.589E+04	1.027E+08	8.1
		1977	09	NO3 Ion	7.355E+01	7.540E+03	1.027E+08	8.1
		1977	09	Na Ion	1.050E+02	1.076E+04	1.027E+08	8.1
		1977	09	SO4 Ion	4.037E+01	4.138E+03	1.027E+08	8.1
	DISP. WELL	1977	10	Cl Ion	1.580E+02	1.943E+04	1.232E+08	7.6
		1977	10	NO3 Ion	7.490E+01	9.209E+03	1.232E+08	7.6
		1977	10	Na Ion	1.010E+02	1.242E+04	1.232E+08	7.6
		1977	10	SO4 Ion	4.110E+01	5.503E+03	1.232E+08	7.6
	DISP. WELL	1977	11	Cl Ion	1.550E+02	2.046E+04	1.329E+08	7.3
		1977	11	NO3 Ion	1.040E+02	1.379E+04	1.329E+08	7.3
		1977	11	Na Ion	1.130E+02	1.499E+04	1.329E+08	7.3
		1977	11	SO4 Ion	3.880E+01	5.146E+03	1.329E+08	7.3
	DISP. WELL	1977	12	Cl Ion	1.796E+02	2.752E+04	1.532E+08	8.1
		1977	12	NO3 Ion	9.400E+01	1.437E+04	1.532E+08	8.1
		1977	12	Na Ion	1.280E+02	1.957E+04	1.532E+08	8.1
		1977	12	SO4 Ion	4.180E+01	6.390E+03	1.532E+08	8.1
	DISP. WELL	1978	01	Cl Ion	1.870E+02	3.122E+04	1.672E+08	7.4
		1978	01	NO3 Ion	7.300E+01	1.219E+04	1.672E+08	7.4
		1978	01	Na Ion	1.060E+02	1.769E+04	1.672E+08	7.4
		1978	01	SO4 Ion	8.100E+01	1.352E+04	1.672E+08	7.4
	DISP. WELL	1978	02	Cl Ion	1.510E+02	2.922E+04	1.939E+08	8.0
		1978	02	NO3 Ion	5.740E+01	1.111E+04	1.939E+08	8.0
		1978	02	Na Ion	1.100E+02	2.128E+04	1.939E+08	8.0
		1978	02	SO4 Ion	4.170E+01	8.069E+03	1.939E+08	8.0
	DISP. WELL	1978	03	Cl Ion	2.000E+02	2.358E+04	1.181E+08	7.8
		1978	03	NO3 Ion	9.870E+01	1.164E+04	1.181E+08	7.8
		1978	03	Na Ion	1.360E+02	1.604E+07	1.181E+08	7.8
		1978	03	SO4 Ion	4.860E+01	5.731E+03	1.181E+08	7.8
	DISP. WELL	1978	04	Cl Ion	2.210E+02	2.703E+04	1.225E+08	7.4
		1978	04	NO3 Ion	1.050E+02	1.284E+04	1.225E+08	7.4
		1978	04	Na Ion	1.510E+02	1.847E+04	1.225E+08	7.4
		1978	04	SO4 Ion	5.250E+01	6.421E+03	1.225E+08	7.4
	DISP. WELL	1978	05	Cl Ion	1.740E+02	2.422E+04	1.395E+08	7.6
		1978	05	NO3 Ion	9.280E+01	1.292E+04	1.395E+08	7.6
		1978	05	Na Ion	1.170E+02	1.629E+04	1.395E+08	7.6
		1978	05	SO4 Ion	5.000E+01	6.960E+03	1.395E+08	7.6
	DISP. WELL	1978	06	Cl Ion	2.020E+02	2.648E+04	1.314E+08	7.7
		1978	06	NO3 Ion	5.800E+01	7.604E+03	1.314E+08	7.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate; SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1978	06	Na Ion	1.270E+02	1.665E+04	1.314E+08	7.7
		1978	06	SO4 Ion	5.080E+01	6.661E+03	1.314E+08	7.7
	DISP. WELL	1978	07	Cl Ion	2.540E+02	3.150E+04	1.242E+08	8.0
		1978	07	NO3 Ion	1.017E+02	1.261E+04	1.242E+08	8.0
		1978	07	Na Ion	1.460E+02	1.811E+04	1.242E+08	8.0
		1978	07	SO4 Ion	5.900E+01	7.316E+03	1.242E+08	8.0
	DISP. WELL	1978	08	Cl Ion	1.950E+02	2.378E+04	1.222E+08	8.0
		1978	08	NO3 Ion	1.070E+02	1.305E+04	1.222E+08	8.0
		1978	08	Na Ion	1.160E+02	1.414E+04	1.222E+08	8.0
		1978	08	SO4 Ion	3.800E+01	4.633E+03	1.222E+08	8.0
	DISP. WELL	1978	09	Cl Ion	1.870E+02	2.481E+04	1.329E+08	7.6
		1978	09	NO3 Ion	9.600E+01	1.274E+04	1.329E+08	7.6
		1978	09	Na Ion	1.200E+02	1.592E+04	1.329E+08	7.6
		1978	09	SO4 Ion	3.800E+01	5.043E+03	1.329E+08	7.6
	DISP. WELL	1978	10	Cl Ion	2.680E+02	3.453E+04	1.291E+08	8.1
		1978	10	NO3 Ion	4.370E+01	5.630E+03	1.291E+08	8.1
		1978	10	Na Ion	1.700E+02	2.190E+04	1.291E+08	8.1
		1978	10	SO4 Ion	4.000E-02	4.990E+00	1.291E+08	8.1
	DISP. WELL	1978	11	Cl Ion	2.180E+02	3.034E+04	1.395E+08	8.0
		1978	11	NO3 Ion	6.400E+01	8.909E+03	1.395E+08	8.0
		1978	11	Na Ion	1.440E+02	2.004E+04	1.395E+08	8.0
		1978	11	SO4 Ion	3.000E-02	4.082E+00	1.395E+08	8.0
	DISP. WELL	1978	12	Cl Ion	2.350E+02	2.395E+04	1.021E+08	8.2
		1978	12	NO3 Ion	9.000E+01	9.171E+03	1.021E+08	8.2
		1978	12	Na Ion	1.480E+02	1.508E+04	1.021E+08	8.2
		1978	12	SO4 Ion	4.400E+01	4.335E+03	1.021E+08	8.2
	DISP. WELL	1979	01	Cl Ion	2.180E+02	2.437E+04	1.120E+08	3.2
		1979	01	NO3 Ion	2.350E+02	2.627E+04	1.120E+08	3.2
		1979	01	Na Ion	1.550E+02	1.733E+04	1.120E+08	3.2
		1979	01	SO4 Ion	6.300E+01	7.044E+03	1.120E+08	3.2
	DISP. WELL	1979	02	Cl Ion	2.150E+02	2.239E+04	1.043E+08	5.8
		1979	02	NO3 Ion	1.750E+02	1.822E+03	1.043E+08	5.8
		1979	02	Na Ion	1.430E+02	1.489E+03	1.043E+08	5.8
		1979	02	SO4 Ion	5.800E+01	6.040E+03	1.043E+08	5.8
	DISP. WELL	1979	03	Cl Ion	2.120E+02	1.810E+04	8.555E+07	7.9
		1979	03	NO3 Ion	1.120E+02	9.564E+03	8.555E+07	7.9
		1979	03	Na Ion	1.360E+02	1.161E+04	8.555E+07	7.9
		1979	03	SO4 Ion	4.200E+01	3.567E+03	8.555E+07	7.9
	DISP. WELL	1979	04	Cl Ion	2.110E+02	2.851E+04	1.354E+08	8.7
		1979	04	NO3 Ion	6.120E+01	8.269E+03	1.354E+08	8.7
		1979	04	Na Ion	1.360E+02	1.838E+04	1.354E+08	8.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1979	04	SO4 Ion	4.500E+00	6.080E+02	1.354E+08	8.7
	DISP. WELL	1979	05	Cl Ion	2.010E+02	2.734E+03	1.363E+07	8.1
		1979	05	NO3 Ion	6.200E+01	8.430E+02	1.363E+07	8.1
		1979	05	Na Ion	1.290E+02	1.754E+03	1.363E+07	8.1
		1979	05	SO4 Ion	2.570E+01	3.500E+02	1.363E+07	8.1
	DISP. WELL	1979	06	Cl Ion	1.590E+02	2.637E+04	1.662E+08	8.3
		1979	06	NO3 Ion	8.467E+01	1.405E+04	1.662E+08	8.3
		1979	06	Na Ion	1.150E+02	1.908E+04	1.662E+08	8.3
		1979	06	SO4 Ion	2.800E+01	4.644E+03	1.662E+08	8.3
	DISP. WELL	1979	07	Cl Ion	2.130E+02	3.308E+04	1.556E+08	8.3
		1979	07	NO3 Ion	5.260E+01	8.168E+03	1.556E+08	8.3
		1979	07	Na Ion	1.310E+02	2.034E+04	1.556E+08	8.3
		1979	07	SO4 Ion	3.200E+01	4.970E+03	1.556E+08	8.3
	DISP. WELL	1979	08	Cl Ion	1.870E+02	3.264E+04	1.749E+08	8.3
		1979	08	NO3 Ion	9.360E+00	1.634E+03	1.749E+08	8.3
		1979	08	Na Ion	1.200E+02	2.095E+04	1.749E+08	8.3
		1979	08	SO4 Ion	4.000E+01	6.983E+03	1.749E+08	8.3
	DISP. WELL	1979	09	Cl Ion	2.306E+02	2.657E+04	1.155E+08	7.8
		1979	09	NO3 Ion	1.064E+02	1.226E+04	1.155E+08	7.8
		1979	09	Na Ion	7.700E+01	8.874E+03	1.155E+08	7.8
		1979	09	SO4 Ion	3.330E+01	3.838E+03	1.155E+08	7.8
	DISP. WELL	1979	10	Cl Ion	2.380E+02	1.478E+04	6.223E+07	8.2
		1979	10	NO3 Ion	6.980E+01	4.336E+03	6.223E+07	8.2
		1979	10	Na Ion	7.600E+01	4.721E+03	6.223E+07	8.2
		1979	10	SO4 Ion	3.500E+01	2.174E+03	6.223E+07	8.2
	DISP. WELL	1979	11	Cl Ion	1.195E+02	1.169E+04	9.804E+07	7.6
		1979	11	NO3 Ion	1.109E+02	1.085E+04	9.804E+07	7.6
		1979	11	Na Ion	7.200E+01	7.046E+03	9.804E+07	7.6
		1979	11	SO4 Ion	3.600E+01	3.523E+03	9.804E+07	7.6
	DISP. WELL	1979	12	Cl Ion	1.260E+02	1.130E+04	8.986E+07	7.8
		1979	12	NO3 Ion	7.340E+01	6.584E+03	8.986E+07	7.8
		1979	12	Na Ion	7.900E+01	7.086E+03	8.986E+07	7.8
		1979	12	SO4 Ion	3.900E+01	3.498E+03	8.986E+07	7.8
	OISP. WELL	1980	01	Cl Ion	1.240E+02	1.040E+04	8.403E+07	7.3
		1980	01	NO3 Ion	6.570E+01	5.511E+03	8.403E+07	7.3
		1980	01	Na Ion	8.300E+01	6.962E+03	8.403E+07	7.3
		1980	01	SO4 Ion	4.600E+01	3.859E+03	8.403E+07	7.3
	DISP. WELL	1980	02	Cl Ion	1.219E+02	1.339E+04	1.100E+08	8.1
		1980	02	NO3 Ion	5.089E+01	5.588E+03	1.100E+08	8.1
		1980	02	Na Ion	8.500E+01	9.333E+03	1.100E+08	8.1
		1980	02	SO4 Ion	3.900E+01	4.280E+03	1.100E+08	8.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP	DISP. WELL	1980	03	Cl Ion	1.206E+02	1.217E+04	1.011E+08	7.9
		1980	03	NO3 Ion	7.070E+01	7.132E+03	1.011E+08	7.9
		1980	03	Na Ion	8.400E+01	8.474E+03	1.011E+08	7.9
		1980	03	SO4 Ion	4.570E+01	4.610E+03	1.011E+08	7.9
	DISP. WELL	1980	04	Cl Ion	1.020E+02	1.149E+04	1.128E+08	8.1
		1980	04	NO3 Ion	5.340E+01	6.013E+03	1.128E+08	8.1
		1980	04	Na Ion	6.700E+01	7.544E+03	1.128E+08	8.1
		1980	04	SO4 Ion	3.920E+01	4.414E+03	1.128E+08	8.1
	DISP. WELL	1980	05	Cl Ion	8.226E+01	7.507E+03	9.143E+07	7.6
		1980	05	NO3 Ion	6.627E+01	6.048E+03	9.143E+07	7.6
		1980	05	Na Ion	6.000E+01	5.476E+03	9.143E+07	7.6
		1980	05	SO4 Ion	2.700E+01	2.464E+03	9.143E+07	7.6
	DISP. WELL	1980	06	Cl Ion	1.307E+02	1.239E+04	9.494E+07	7.8
		1980	06	NO3 Ion	4.730E+01	4.482E+03	9.494E+07	7.8
		1980	06	Na Ion	6.130E+01	5.809E+03	9.494E+07	7.8
		1980	06	SO4 Ion	2.900E+01	2.748E+03	9.494E+07	7.8
	DISP. WELL	1980	07	Cl Ion	1.030E+02	1.146E+04	1.114E+08	7.9
		1980	07	NO3 Ion	6.170E+01	6.863E+03	1.114E+08	7.9
		1980	07	Na Ion	6.430E+01	7.153E+03	1.114E+08	7.9
		1980	07	SO4 Ion	3.400E+01	3.782E+03	1.114E+08	7.9
	DISP. WELL	1980	08	Cl Ion	1.689E+02	2.467E+04	1.469E+08	7.3
		1980	08	NO3 Ion	7.410E+01	1.086E+04	1.469E+08	7.3
		1980	08	Na Ion	9.000E+01	1.319E+04	1.469E+08	7.3
		1980	08	SO4 Ion	3.900E+01	5.718E+03	1.469E+08	7.3
	DISP. WELL	1980	09	Cl Ion	2.269E+02	3.052E+04	1.348E+08	7.5
		1980	09	NO3 Ion	9.641E+01	1.297E+04	1.348E+08	7.5
		1980	09	Na Ion	1.260E+02	1.695E+04	1.348E+08	7.5
		1980	09	SO4 Ion	3.800E+01	5.112E+03	1.348E+08	7.5
	DISP. WELL	1980	10	Cl Ion	2.846E+02	4.282E+04	1.507E+08	---
		1980	10	NO3 Ion	6.448E+01	9.701E+03	1.507E+08	---
		1980	10	Na Ion	1.460E+02	2.197E+04	1.507E+08	---
		1980	10	SO4 Ion	3.460E+01	5.206E+03	1.507E+08	---
	DISP. WELL	1980	11	Cl Ion	2.560E+02	4.488E+04	1.756E+08	8.1
		1980	11	NO3 Ion	5.040E+01	8.836E+03	1.756E+08	8.1
		1980	11	Na Ion	1.440E+02	2.525E+04	1.756E+08	8.1
		1980	11	SO4 Ion	3.600E+01	6.311E+03	1.756E+08	8.1
	DISP. WELL	1980	12	Cl Ion	5.750E+02	1.150E+05	2.004E+08	3.0
		1980	12	NO3 Ion	2.660E+02	5.320E+04	2.004E+08	3.0
		1980	12	Na Ion	2.270E+02	4.540E+04	2.004E+08	3.0
		1980	12	SO4 Ion	5.300E+01	1.060E+04	2.004E+08	3.0

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP	DISP. WELL	1981	01	Cl Ion	3.340E+02	4.189E+04	1.256E+08	7.7
		1981	01	NO3 Ion	8.660E+01	1.086E+04	1.256E+08	7.7
		1981	01	Na Ion	1.410E+02	1.768E+04	1.256E+08	7.7
		1981	01	SO4 Ion	6.200E+01	7.775E+03	1.256E+08	7.7
	DISP. WELL	1981	02	Cl Ion	1.662E+02	2.644E+04	1.594E+08	7.4
		1981	02	NO3 Ion	9.491E+01	1.510E+04	1.594E+08	7.4
		1981	02	Na Ion	1.050E+02	1.670E+04	1.594E+08	7.4
		1981	02	SO4 Ion	5.200E+01	8.272E+03	1.594E+08	7.4
	DISP. WELL	1981	03	Cl Ion	2.210E+02	3.700E+04	1.677E+08	7.6
		1981	03	NO3 Ion	8.563E+01	1.434E+04	1.677E+08	7.6
		1981	03	Na Ion	1.210E+02	2.026E+04	1.677E+08	7.6
		1981	03	SO4 Ion	5.900E+01	9.878E+03	1.677E+08	7.6
	DISP. WELL	1981	04	Cl Ion	1.250E+03	2.843E+05	2.279E+08	8.0
		1981	04	NO3 Ion	7.750E+01	1.763E+04	2.279E+08	8.0
		1981	04	Na Ion	1.280E+02	2.912E+04	2.279E+08	8.0
		1981	04	SO4 Ion	4.400E+01	1.001E+04	2.279E+08	8.0
	DISP. WELL	1981	05	Cl Ion	1.770E+02	2.509E+04	1.420E+08	7.3
		1981	05	NO3 Ion	1.230E+02	1.743E+04	1.420E+08	7.3
		1981	05	Na Ion	9.200E+01	1.304E+04	1.420E+08	7.3
		1981	05	SO4 Ion	4.800E+01	6.803E+03	1.420E+08	7.3
	DISP. WELL	1981	06	Cl Ion	1.540E+02	2.496E+04	1.624E+08	7.6
		1981	06	NO3 Ion	8.400E+01	1.362E+04	1.624E+08	7.6
		1981	06	Na Ion	1.120E+02	1.815E+04	1.624E+08	7.6
		1981	06	SO4 Ion	5.300E+01	8.591E+03	1.624E+08	7.6
	DISP. WELL	1981	07	Cl Ion	1.300E+02	1.940E+04	1.495E+08	7.4
		1981	07	NO3 Ion	2.570E+01	3.863E+03	1.495E+08	7.4
		1981	07	Na Ion	9.500E+01	1.418E+04	1.495E+08	7.4
		1981	07	SO4 Ion	1.430E+01	2.134E+03	1.495E+08	7.4
	DISP. WELL	1981	08	Cl Ion	1.450E+02	2.394E+04	1.654E+08	7.3
		1981	08	NO3 Ion	5.700E+01	9.412E+03	1.654E+08	7.3
		1981	08	Na Ion	7.600E+01	1.255E+04	1.654E+08	7.3
		1981	08	SO4 Ion	4.000E+01	6.605E+03	1.654E+08	7.3
	DISP. WELL	1981	09	Cl Ion	2.460E+02	4.768E+04	1.942E+08	8.0
		1981	09	NO3 Ion	5.900E+01	1.144E+04	1.942E+08	8.0
		1981	09	Na Ion	1.000E+02	1.938E+04	1.942E+08	8.0
		1981	09	SO4 Ion	4.000E+01	7.753E+03	1.942E+08	8.0
	DISP. WELL	1981	10	Cl Ion	1.660E+02	2.779E+04	1.677E+08	7.8
		1981	10	NO3 Ion	4.200E+01	7.030E+03	1.677E+08	7.8
		1981	10	Na Ion	1.030E+02	1.724E+04	1.677E+08	7.8
		1981	10	SO4 Ion	4.600E+02	7.700E+03	1.677E+08	7.8
	DISP. WELL	1981	11	Cl Ion	2.120E+02	4.082E+04	1.929E+08	7.4

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1981	11	NO3 Ion	1.220E+02	2.349E+04	1.929E+08	7.4
		1981	11	Na Ion	9.800E+01	1.887E+04	1.929E+08	7.4
		1981	11	SO4 Ion	4.300E+01	8.279E+03	1.929E+08	7.4
	DISP. WELL	1981	12	Cl Ion	1.640E+02	2.633E+04	1.639E+08	7.3
		1981	12	NO3 Ion	1.700E+01	2.781E+03	1.639E+08	7.3
		1981	12	Na Ion	1.030E+02	1.635E+04	1.639E+08	7.3
		1981	12	SO4 Ion	5.050E+01	8.262E+03	1.639E+08	7.3
	DISP. WELL	1982	01	Cl Ion	1.070E+02	1.981E+04	1.855E+08	7.4
		1982	01	NO3 Ion	3.200E+01	5.925E+03	1.855E+08	7.4
		1982	01	Na Ion	1.100E+02	2.037E+04	1.855E+08	7.4
		1982	01	SO4 Ion	5.300E+01	9.813E+03	1.855E+08	7.4
	DISP. WELL	1982	02	Cl Ion	2.290E+02	4.222E+04	1.847E+08	7.6
		1982	02	NO3 Ion	2.800E+01	5.163E+03	1.847E+08	7.6
		1982	02	Na Ion	1.240E+02	2.286E+04	1.847E+08	7.6
		1982	02	SO4 Ion	5.100E+01	9.404E+03	1.847E+08	7.6
	DISP. WELL	1982	03	Cl Ion	2.400E+02	4.489E+04	1.874E+08	7.7
		1982	03	NO3 Ion	3.400E+01	6.359E+03	1.874E+08	7.7
		1982	03	Na Ion	1.300E+02	2.431E+04	1.874E+08	7.7
		1982	03	SO4 Ion	4.300E+01	8.042E+03	1.874E+08	7.7
	DISP. WELL	1982	04	Cl Ion	1.780E+02	3.417E+04	1.923E+08	8.2
		1982	04	NO3 Ion	3.700E+01	7.102E+03	1.923E+08	8.2
		1982	04	Na Ion	1.160E+02	2.227E+04	1.923E+08	8.2
		1982	04	SO4 Ion	4.700E+01	9.021E+03	1.923E+08	8.2
	DISP. WELL	1982	05	Cl Ion	1.300E+02	2.059E+04	1.586E+08	7.1
		1982	05	NO3 Ion	8.500E+01	1.346E+04	1.586E+08	7.1
		1982	05	Na Ion	7.400E+01	1.172E+04	1.586E+08	7.1
		1982	05	SO4 Ion	4.100E+01	6.492E+03	1.586E+08	7.1
	DISP. WELL	1982	06	Cl Ion	1.630E+02	3.424E+04	2.105E+08	7.5
		1982	06	NO3 Ion	4.800E+01	1.008E+04	2.105E+08	7.5
		1982	06	Na Ion	1.000E+02	2.101E+04	2.105E+08	7.5
		1982	06	SO4 Ion	3.500E+01	7.353E+03	2.105E+08	7.5
	DISP. WELL	1982	07	Cl Ion	2.000E+02	2.688E+04	1.336E+08	7.8
		1982	07	NO3 Ion	5.100E+01	6.802E+03	1.336E+08	7.8
		1982	07	Na Ion	9.900E+01	1.320E+04	1.336E+08	7.8
		1982	07	SO4 Ion	3.800E+01	5.063E+03	1.336E+08	7.8
	DISP. WELL	1982	08	Cl Ion	1.320E+02	1.815E+04	1.378E+08	6.9
		1982	08	NO3 Ion	7.900E+01	1.087E+04	1.378E+08	6.9
		1982	08	Na Ion	8.500E+01	1.169E+04	1.378E+08	6.9
		1982	08	SO4 Ion	3.650E+01	5.020E+03	1.378E+08	6.9
	DISP. WELL	1982	09	Cl Ion	1.280E+02	2.054E+04	1.605E+08	6.9
		1982	09	NO3 Ion	1.540E+02	2.472E+04	1.605E+08	6.9

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
CPP		1982	09	Na Ion	8.400E+01	1.348E+04	1.605E+08	6.9
		1982	09	SO4 Ion	3.800E+01	6.099E+03	1.605E+08	6.9
	DISP. WELL	1982	12	Cl Ion	2.120E+02	4.269E+04	2.014E+08	7.0
		1982	12	NO3 Ion	1.100E+02	2.215E+04	2.014E+08	7.0
		1982	12	Na Ion	1.290E+02	2.598E+04	2.014E+08	7.0
		1982	12	SO4 Ion	4.300E+01	8.659E+03	2.014E+08	7.0
NRF	WASTE DITCH	1977	01	Cl Ion	4.321E+02	1.591E+04	3.629E+07	6.1
		1977	01	Na Ion	2.455E+02	9.040E+03	3.689E+07	6.1
		1977	01	PO4 Ion	1.131E+01	4.164E+02	3.689E+07	6.1
		1977	01	SO4 Ion	2.880E+02	1.061E+04	3.689E+07	6.1
	WASTE DITCH	1977	02	Cl Ion	3.163E+02	8.494E+03	2.691E+07	2.9
		1977	02	Na Ion	2.075E+02	5.573E+03	2.691E+07	2.9
		1977	02	PO4 Ion	1.051E+01	2.821E+02	2.691E+07	2.9
		1977	02	SO4 Ion	7.552E+02	2.028E+04	2.691E+07	2.9
	WASTE DITCH	1977	03	Cl Ion	2.412E+02	8.611E+03	3.577E+07	3.1
		1977	03	Na Ion	1.453E+02	5.190E+03	3.577E+07	3.1
		1977	03	PO4 Ion	9.770E+00	3.488E+02	3.577E+07	3.1
		1977	03	SO4 Ion	4.989E+02	1.781E+04	3.577E+07	3.1
	WASTE DITCH	1977	04	Cl Ion	2.657E+02	1.024E+04	3.861E+07	3.3
		1977	04	Na Ion	2.964E+02	1.142E+04	3.861E+07	3.3
		1977	04	PO4 Ion	5.000E+00	1.928E+02	3.861E+07	3.3
		1977	04	SO4 Ion	5.756E+02	2.218E+04	3.861E+07	3.3
	WASTE DITCH	1977	05	Cl Ion	9.071E+02	2.817E+04	3.112E+07	2.7
		1977	05	Na Ion	2.340E+02	7.268E+03	3.112E+07	2.7
		1977	05	PO4 Ion	6.480E+00	2.014E+02	3.112E+07	2.7
		1977	05	SO4 Ion	4.750E+02	1.475E+04	3.112E+07	2.7
	WASTE DITCH	1977	06	Cl Ion	2.527E+02	1.292E+04	5.122E+07	2.9
		1977	06	Na Ion	1.626E+02	8.313E+03	5.122E+07	2.9
		1977	06	PO4 Ion	8.500E+00	4.345E+02	5.122E+07	2.9
		1977	06	SO4 Ion	4.046E+02	2.068E+04	5.122E+07	2.9
	WASTE DITCH	1977	07	Cl Ion	1.221E+02	3.880E+03	3.184E+07	3.9
		1977	07	Na Ion	2.784E+02	8.846E+03	3.184E+07	3.9
		1977	07	PO4 Ion	6.000E+00	1.905E+02	3.184E+07	3.9
		1977	07	SO4 Ion	4.005E+02	1.273E+04	3.184E+07	3.9
	WASTE DITCH	1977	08	CLO Ion	9.100E-01	9.480E+01	1.043E+08	6.0
		1977	08	Ca Ion	3.500E-01	3.674E+01	1.043E+08	6.0
		1977	08	Cl Ion	8.496E+01	8.841E+03	1.043E+08	6.0
		1977	08	Na Ion	7.383E+01	7.700E+03	1.043E+08	6.0
		1977	08	PO4 Ion	7.000E+00	7.285E+02	1.043E+08	6.0
		1977	08	SO4 Ion	2.699E+02	2.809E+04	1.043E+08	6.0
	WASTE DITCH	1977	09	CLO Ion	1.480E+00	7.121E+01	4.792E+07	8.4

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1977	09	Ca Ion	5.800E-01	2.767E+01	4.792E+07	8.4
		1977	09	Cl Ion	2.527E+02	1.209E+04	4.792E+07	8.4
		1977	09	Na Ion	1.463E+02	6.998E+03	4.792E+07	8.4
		1977	09	PO4 Ion	5.100E+00	2.440E+02	4.792E+07	8.4
		1977	09	SO4 Ion	3.427E+02	1.639E+04	4.792E+07	8.4
	WASTE DITCH	1977	10	Cl Ion	1.037E+02	1.341E+04	1.295E+08	6.0
		1977	10	Na Ion	6.920E+01	8.948E+03	1.295E+08	6.0
		1977	10	PO4 Ion	1.200E+01	1.552E+03	1.295E+08	6.0
		1977	10	SO4 Ion	3.057E+02	3.953E+04	1.295E+08	6.0
	WASTE DITCH	1977	11	Cl Ion	3.559E+02	1.415E+04	3.982E+07	7.6
		1977	11	Na Ion	1.806E+02	8.948E+03	3.982E+07	7.6
		1977	11	PO4 Ion	5.400E+00	2.145E+02	3.982E+07	7.6
		1977	11	SO4 Ion	3.115E+02	1.238E+04	3.982E+07	7.6
	WASTE DITCH	1977	12	Cl Ion	2.391E+02	1.383E+04	5.795E+07	5.6
		1977	12	Na Ion	1.205E+02	6.965E+03	5.795E+07	5.6
		1977	12	PO4 Ion	3.300E+00	1.910E+02	5.795E+07	5.6
		1977	12	SO4 Ion	3.724E+02	2.154E+04	5.795E+07	5.6
	WASTE DITCH	1978	01	Cl Ion	1.482E+02	1.214E+04	8.207E+07	6.6
		1978	01	Na Ion	9.542E+01	7.831E+03	8.207E+07	6.6
		1978	01	PO4 Ion	3.600E+00	2.948E+02	8.207E+07	6.6
		1978	01	SO4 Ion	3.752E+02	3.073E+04	8.207E+07	6.6
	WASTE DITCH	1978	02	CLO Ion	2.510E+00	1.234E+02	4.902E+07	6.4
		1978	02	Ca Ion	9.800E-01	4.808E+01	4.902E+07	6.4
		1978	02	Cl Ion	2.475E+02	1.211E+04	4.902E+07	6.4
		1978	02	Na Ion	1.456E+02	7.124E+03	4.902E+07	6.4
		1978	02	PO4 Ion	2.500E+00	1.225E+02	4.902E+07	6.4
		1978	02	SO4 Ion	2.690E+02	1.316E+04	4.902E+07	6.4
	WASTE DITCH	1978	03	CLO Ion	1.499E+01	4.454E+02	2.972E+07	2.8
		1978	03	Ca Ion	5.840E+00	1.733E+02	2.972E+07	2.8
		1978	03	Cl Ion	4.080E+02	1.210E+04	2.972E+07	2.8
		1978	03	Na Ion	2.523E+02	7.483E+03	2.972E+07	2.8
		1978	03	PO4 Ion	5.600E+00	1.660E+02	2.972E+07	2.8
		1978	03	SO4 Ion	6.864E+02	2.036E+04	2.972E+07	2.8
	WASTE DITCH	1978	04	Cl Ion	1.684E+02	1.211E+04	7.204E+07	3.0
		1978	04	Na Ion	6.270E+01	4.508E+03	7.204E+07	3.0
		1978	04	PO4 Ion	5.000E+00	3.597E+02	7.204E+07	3.0
		1978	04	SO4 Ion	5.401E+02	3.884E+04	7.204E+07	3.0
	WASTE DITCH	1978	05	CLO Ion	8.870E+00	5.688E+02	6.412E+07	3.0
		1978	05	Ca Ion	3.450E+00	2.214E+02	6.412E+07	3.0
		1978	05	Cl Ion	1.892E+02	1.211E+04	6.412E+07	3.0
		1978	05	Na Ion	1.290E+02	8.257E+03	6.412E+07	3.0
		1978	05	PO4 Ion	3.000E+00	1.919E+02	6.412E+07	3.0
		1978	05	SO4 Ion	5.414E+02	3.465E+04	6.412E+07	3.0

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF	WASTE DITCH	1978	06	CLO Ion	5.360E+00	4.264E+02	7.949E+07	6.1
		1978	06	Ca Ion	2.090E+00	1.660E+02	7.949E+07	6.1
		1978	06	Cl Ion	1.526E+02	1.211E+04	7.949E+07	6.1
		1978	06	Na Ion	8.680E+01	6.387E+03	7.949E+07	6.1
		1978	06	PO4 Ion	4.691E+00	3.729E+02	7.949E+07	6.1
		1978	06	SO4 Ion	3.539E+02	2.808E+04	7.949E+07	6.1
	WASTE DITCH	1978	07	CLO Ion	7.820E+00	5.330E+02	6.814E+07	7.8
		1978	07	Ca Ion	3.050E+00	2.077E+02	6.814E+07	7.8
		1978	07	Cl Ion	1.780E+02	1.211E+04	6.814E+07	7.8
		1978	07	Na Ion	9.240E+01	6.284E+03	6.814E+07	7.8
		1978	07	PO4 Ion	3.400E+00	2.313E+02	6.814E+07	7.8
		1978	07	SO4 Ion	3.745E+02	2.547E+04	6.814E+07	7.8
	WASTE DITCH	1978	08	Cl Ion	3.140E+02	1.996E+04	6.367E+07	7.7
		1978	08	Na Ion	7.840E+01	4.983E+03	6.367E+07	7.7
		1978	08	PO4 Ion	2.300E+00	1.461E+02	6.367E+07	7.7
		1978	08	SO4 Ion	3.370E+02	2.142E+04	6.367E+07	7.7
	WASTE DITCH	1978	09	Cl Ion	1.981E+02	1.213E+04	6.132E+07	3.0
		1978	09	Na Ion	1.059E+02	6.482E+03	6.132E+07	3.0
		1978	09	PO4 Ion	3.400E+00	2.082E+02	6.132E+07	3.0
		1978	09	SO4 Ion	5.400E+02	3.305E+04	6.132E+07	3.0
	WASTE DITCH	1978	10	CLO Ion	1.730E+01	2.821E+02	4.251E+07	6.5
		1978	10	Ca Ion	6.740E+00	2.867E+02	4.251E+07	6.5
		1978	10	Cl Ion	2.850E+02	1.209E+04	4.251E+07	6.5
		1978	10	Na Ion	1.520E+02	6.450E+03	4.251E+07	6.5
		1978	10	PO4 Ion	3.000E+00	1.275E+02	4.251E+07	6.5
		1978	10	SO4 Ion	2.740E+02	1.166E+04	4.251E+07	6.5
	WASTE DITCH	1978	11	CLO Ion	1.206E+01	5.688E+02	4.717E+07	2.9
		1978	11	Ca Ion	4.690E+00	2.214E+02	4.717E+07	2.9
		1978	11	Cl Ion	2.370E+02	1.116E+04	4.717E+07	2.9
		1978	11	Na Ion	1.383E+02	6.511E+03	4.717E+07	2.9
		1978	11	PO4 Ion	3.900E+00	1.837E+02	4.717E+07	2.9
		1978	11	SO4 Ion	5.010E+02	2.359E+04	4.717E+07	2.9
	WASTE DITCH	1978	12	CLO Ion	1.780E+00	1.538E+02	8.665E+07	2.9
		1978	12	Ca Ion	6.900E-01	5.987E+01	8.665E+07	2.9
		1978	12	Cl Ion	2.390E+02	2.050E+04	8.665E+07	2.9
		1978	12	Na Ion	1.383E+02	1.196E+04	8.665E+07	2.9
		1978	12	PO4 Ion	3.900E+00	3.375E+02	8.665E+07	2.9
		1978	12	SO4 Ion	5.010E+02	4.333E+04	8.665E+07	2.9
	WASTE DITCH	1979	01	CLO Ion	8.750E+00	3.200E+02	3.657E+07	2.6
		1979	01	Ca Ion	3.410E+00	1.250E+02	3.657E+07	2.6
		1979	01	Cl Ion	1.084E+02	3.957E+03	3.657E+07	2.6
		1979	01	Na Ion	1.452E+02	5.300E+03	3.657E+07	2.6
		1979	01	PO4 Ion	4.500E+00	1.640E+02	3.657E+07	2.6

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1979	01	SO4 Ion	6.613E+02	2.414E+04	3.657E+07	2.6
	WASTE DITCH	1979	02	CLO Ion	4.230E+00	2.350E+02	5.549E+07	7.8
		1979	02	Ca Ion	1.650E+00	9.100E+01	5.549E+07	7.8
		1979	02	Cl Ion	2.190E+02	1.213E+04	5.549E+07	7.8
		1979	02	Na Ion	1.327E+02	7.350E+03	5.549E+07	7.8
		1979	02	PO4 Ion	2.000E+00	1.110E+02	5.549E+07	7.8
		1979	02	SO4 Ion	2.470E+02	1.368E+04	5.549E+07	7.8
	WASTE DITCH	1979	03	CLO Ion	4.940E+00	3.370E+02	6.840E+07	8.7
		1979	03	Ca Ion	1.920E+00	1.320E+02	6.840E+07	8.7
		1979	03	Cl Ion	1.773E+02	1.211E+04	6.840E+07	8.7
		1979	03	Na Ion	1.101E+02	7.517E+03	6.840E+07	8.7
		1979	03	PO4 Ion	2.900E+00	1.980E+02	6.840E+07	8.7
		1979	03	SO4 Ion	3.572E+02	2.439E+04	6.840E+07	8.7
	WASTE DITCH	1979	04	CLO Ion	7.890E+00	3.340E+02	4.236E+07	8.2
		1979	04	Ca Ion	3.070E+00	1.300E+02	4.236E+07	8.2
		1979	04	Cl Ion	1.274E+02	5.386E+03	4.236E+07	8.2
		1979	04	Na Ion	1.273E+02	5.382E+03	4.236E+07	8.2
		1979	04	PO4 Ion	3.400E+00	1.440E+02	4.236E+07	8.2
		1979	04	SO4 Ion	3.284E+02	1.389E+04	4.236E+07	8.2
	WASTE DITCH	1979	05	CLO Ion	5.250E+00	6.260E+02	1.192E+05	5.9
		1979	05	Ca Ion	2.040E+00	2.440E+02	1.192E+05	5.9
		1979	05	Cl Ion	2.700E+02	3.214E+04	1.192E+05	5.9
		1979	05	Na Ion	7.640E+01	9.093E+03	1.192E+05	5.9
		1979	05	PO4 Ion	4.800E+00	5.710E+02	1.192E+05	5.9
		1979	05	SO4 Ion	4.310E+02	5.130E+04	1.192E+05	5.9
	WASTE DITCH	1979	06	CLO Ion	8.330E+00	3.890E+02	4.664E+07	8.7
		1979	06	Ca Ion	3.240E+00	1.510E+02	4.664E+07	8.7
		1979	06	Cl Ion	2.600E+02	1.210E+04	4.664E+07	8.7
		1979	06	Na Ion	1.230E+02	5.726E+03	4.664E+07	8.7
		1979	06	PO4 Ion	3.200E+00	1.490E+02	4.664E+07	8.7
		1979	06	SO4 Ion	3.030E+02	1.411E+04	4.664E+07	8.7
	WASTE DITCH	1979	07	CLO Ion	6.540E+00	5.780E+02	8.835E+07	8.5
		1979	07	Ca Ion	2.550E+00	2.250E+02	8.835E+07	8.5
		1979	07	Cl Ion	1.370E+02	1.211E+04	8.835E+07	8.5
		1979	07	Na Ion	1.150E+02	1.014E+04	8.835E+07	8.5
		1979	07	PO4 Ion	3.600E+00	3.180E+02	8.835E+07	8.5
		1979	07	SO4 Ion	3.680E+02	3.245E+04	8.835E+07	8.5
	WASTE DITCH	1979	08	CLO Ion	2.226E+01	1.168E+03	5.246E+07	6.8
		1979	08	Ca Ion	8.670E+00	4.550E+02	5.246E+07	6.8
		1979	08	Cl Ion	2.312E+02	1.211E+04	5.246E+07	6.8
		1979	08	Na Ion	1.460E+02	7.646E+03	5.246E+07	6.8
		1979	08	PO4 Ion	3.800E+00	1.990E+02	5.246E+07	6.8
		1979	08	SO4 Ion	2.690E+02	1.411E+04	5.246E+07	6.8

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF	WASTE DITCH	1979	09	CLO Ion	6.420E+00	2.580E+02	9.191E+07	7.6
		1979	09	Ca Ion	2.500E+00	2.300E+02	9.191E+07	7.6
		1979	09	Cl Ion	2.070E+02	1.899E+04	9.191E+07	7.6
		1979	09	Na Ion	1.130E+02	1.037E+04	9.191E+07	7.6
		1979	09	PO4 Ion	3.188E+00	2.930E+02	9.191E+07	7.6
		1979	09	SO4 Ion	3.010E+02	2.761E+04	9.191E+07	7.6
	WASTE DITCH	1979	10	CLO Ion	4.430E+00	2.580E+02	5.833E+07	8.2
		1979	10	Ca Ion	1.720E+00	1.010E+02	5.833E+07	8.2
		1979	10	Cl Ion	3.903E+02	2.273E+04	5.833E+07	8.2
		1979	10	Na Ion	2.884E+02	1.679E+04	5.833E+07	8.2
		1979	10	PO4 Ion	6.000E+00	2.910E+02	5.833E+07	8.2
		1979	10	SO4 Ion	1.860E+02	1.083E+04	5.833E+07	8.2
	WASTE DITCH	1979	11	CLO Ion	1.607E+01	2.110E+02	1.312E+07	7.5
		1979	11	Ca Ion	6.260E+00	8.200E+01	1.312E+07	7.5
		1979	11	Cl Ion	3.814E+02	4.995E+03	1.312E+07	7.5
		1979	11	Na Ion	2.066E+02	2.706E+03	1.312E+07	7.5
		1979	11	PO4 Ion	6.000E+00	7.800E+01	1.312E+07	7.5
		1979	11	SO4 Ion	1.533E+02	2.008E+03	1.312E+07	7.5
	WASTE DITCH	1979	12	CLO Ion	3.700E+00	1.710E+02	4.611E+07	8.3
		1979	12	Ca Ion	1.440E+00	6.600E+01	4.611E+07	8.3
		1979	12	Cl Ion	4.010E+02	1.345E+04	4.611E+07	8.3
		1979	12	Na Ion	1.690E+02	7.778E+03	4.611E+07	8.3
		1979	12	PO4 Ion	3.000E+00	4.600E+01	4.611E+07	8.3
		1979	12	SO4 Ion	1.491E+02	6.862E+03	4.611E+07	8.3
	WASTE DITCH	1980	01	CLO Ion	2.520E+00	1.950E+02	7.756E+07	2.2
		1980	01	Ca Ion	9.800E-01	7.600E+01	7.756E+07	2.2
		1980	01	Cl Ion	1.264E+02	9.786E+03	7.756E+07	2.2
		1980	01	Na Ion	1.436E+02	1.112E+04	7.756E+07	2.2
		1980	01	PO4 Ion	7.200E+00	5.570E+02	7.756E+07	2.2
		1980	01	SO4 Ion	8.232E+02	6.373E+04	7.756E+07	2.2
	WASTE DITCH	1980	02	CLO Ion	4.120E+00	2.170E+02	5.265E+07	2.6
		1980	02	Ca Ion	1.600E+00	8.400E+01	5.265E+07	2.6
		1980	02	Cl Ion	9.900E+01	5.203E+03	5.265E+07	2.6
		1980	02	Na Ion	8.470E+01	4.452E+03	5.265E+07	2.6
		1980	02	PO4 Ion	3.800E+00	2.000E+02	5.265E+07	2.6
		1980	02	SO4 Ion	3.951E+02	2.077E+04	5.265E+07	2.6
	WASTE DITCH	1980	03	CLO Ion	1.108E+01	1.840E+02	1.658E+07	10.2
		1980	03	Ca Ion	4.310E+00	7.200E+01	1.658E+07	10.2
		1980	03	Cl Ion	1.007E+02	1.666E+03	1.658E+07	10.2
		1980	03	Na Ion	2.285E+02	3.781E+03	1.658E+07	10.2
		1980	03	PO4 Ion	3.300E+00	5.400E+01	1.658E+07	10.2
		1980	03	SO4 Ion	2.962E+02	4.901E+03	1.658E+07	10.2
	WASTE DITCH	1980	04	CLO Ion	9.250E+00	7.040E+02	7.609E+07	7.1
		1980	04	Ca Ion	3.600E+00	2.740E+02	7.609E+07	7.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1980	04	Cl Ion	6.930E+01	5.263E+03	7.609E+07	7.1
		1980	04	Na Ion	3.295E+02	2.502E+04	7.609E+07	7.1
		1980	04	PO4 Ion	2.100E+00	1.600E+02	7.609E+07	7.1
		1980	04	SO4 Ion	2.015E+02	1.530E+04	7.609E+07	7.1
	WASTE DITCH	1980	05	CLO Ion	1.672E+01	6.020E+02	3.598E+07	7.3
		1980	05	Ca Ion	6.510E+00	2.350E+02	3.598E+07	7.3
		1980	05	Cl Ion	1.610E+02	5.782E+03	3.598E+07	7.3
		1980	05	Na Ion	1.196E+02	4.295E+03	3.598E+07	7.3
		1980	05	PO4 Ion	4.100E+00	1.470E+02	3.598E+07	7.3
		1980	05	SO4 Ion	2.867E+02	1.030E+04	3.598E+07	7.3
	WASTE DITCH	1980	06	CLO Ion	2.478E+01	5.070E+02	2.046E+07	7.4
		1980	06	Ca Ion	9.650E+00	1.970E+02	2.046E+07	7.4
		1980	06	Cl Ion	1.870E+02	3.819E+03	2.046E+07	7.4
		1980	06	Na Ion	1.440E+02	2.914E+03	2.046E+07	7.4
		1980	06	PO4 Ion	3.600E+00	7.300E+01	2.046E+07	7.4
		1980	06	SO4 Ion	2.534E+02	5.175E+03	2.046E+07	7.4
	WASTE DITCH	1980	07	CLO Ion	1.712E+01	6.970E+02	4.069E+07	---
		1980	07	Ca Ion	6.670E+00	2.710E+02	4.069E+07	---
		1980	07	Cl Ion	3.080E+02	1.251E+04	4.069E+07	---
		1980	07	Na Ion	1.614E+02	6.556E+03	4.069E+07	---
		1980	07	PO4 Ion	3.800E+00	1.540E+02	4.069E+07	---
		1980	07	SO4 Ion	3.732E+02	1.516E+04	4.069E+07	---
	WASTE DITCH	1980	08	CLO Ion	1.210E+02	8.400E+01	6.920E+07	8.0
		1980	08	Ca Ion	4.700E-01	3.300E+01	6.920E+07	8.0
		1980	08	Cl Ion	1.368E+02	9.449E+03	6.920E+07	8.0
		1980	08	Na Ion	8.950E+01	6.182E+03	6.920E+07	8.0
		1980	08	PO4 Ion	3.600E+00	2.490E+02	6.920E+07	8.0
		1980	08	SO4 Ion	2.822E+02	1.949E+04	6.920E+07	8.0
	WASTE DITCH	1980	09	CLO Ion	5.305E+01	6.090E+02	1.148E+07	3.1
		1980	09	Ca Ion	2.066E+01	2.370E+02	1.148E+07	3.1
		1980	09	Cl Ion	1.373E+02	1.573E+03	1.148E+07	3.1
		1980	09	Na Ion	2.474E+02	2.834E+03	1.148E+07	3.1
		1980	09	PO4 Ion	4.600E+00	5.300E+01	1.148E+07	3.1
		1980	09	SO4 Ion	6.959E+02	7.972E+03	1.148E+07	3.1
	WASTE DITCH	1980	10	CLO Ion	1.231E+01	2.370E+02	1.925E+07	9.6
		1980	10	Ca Ion	4.790E+00	9.200E+01	1.925E+07	9.6
		1980	10	Cl Ion	5.485E+02	1.054E+04	1.925E+07	9.6
		1980	10	Na Ion	3.380E+02	6.495E+03	1.925E+07	9.6
		1980	10	PO4 Ion	2.500E+00	4.800E+01	1.925E+07	9.6
		1980	10	SO4 Ion	1.512E+02	2.906E+03	1.925E+07	9.6
	WASTE DITCH	1980	11	CLO Ion	3.291E+01	2.840E+02	8.638E+06	8.1
		1980	11	Ca Ion	1.282E+01	1.110E+02	8.638E+06	8.1
		1980	11	Cl Ion	1.284E+02	1.107E+03	8.638E+06	8.1
		1980	11	Na Ion	9.150E+01	7.890E+02	8.638E+06	8.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1980	11	PO4 Ion	3.600E+00	3.100E+01	8.638E+06	8.1
		1980	11	SO4 Ion	1.940E+02	1.673E+03	8.638E+06	8.1
	WASTE DITCH	1980	12	CLO Ion	1.045E+01	1.140E+02	1.088E+07	7.3
		1980	12	Ca Ion	4.070E+00	4.400E+01	1.083E+07	7.3
		1980	12	Cl Ion	1.215E+02	1.320E+03	1.088E+07	7.3
		1980	12	Na Ion	9.540E+01	1.036E+03	1.088E+07	7.3
		1980	12	PO4 Ion	2.600E+00	2.800E+01	1.088E+07	7.3
		1980	12	SO4 Ion	1.318E+02	1.432E+03	1.088E+07	7.3
	WASTE DITCH	1981	01	CLO Ion	1.478E+01	1.490E+02	1.008E+07	6.2
		1981	01	Ca Ion	5.760E+00	5.800E+01	1.008E+07	6.2
		1981	01	Cl Ion	2.166E+02	2.179E+03	1.008E+07	6.2
		1981	01	Na Ion	1.114E+02	1.121E+03	1.008E+07	6.2
		1981	01	PO4 Ion	3.800E+00	3.800E+01	1.008E+07	6.2
		1981	01	SO4 Ion	3.613E+02	3.636E+03	1.008E+07	6.2
	WASTE DITCH	1981	02	CLO Ion	1.459E+01	2.150E+02	1.469E+07	10.1
		1981	02	Ca Ion	5.680E+00	8.300E+01	1.469E+07	10.1
		1981	02	Cl Ion	1.131E+02	1.658E+03	1.469E+07	10.1
		1981	02	Na Ion	1.585E+02	2.324E+03	1.469E+07	10.1
		1981	02	PO4 Ion	2.200E+00	3.200E+01	1.469E+07	10.1
		1981	02	SO4 Ion	1.450E+02	2.126E+03	1.469E+07	10.1
	WASTE DITCH	1981	03	CLO Ion	1.082E+01	1.910E+02	1.762E+07	2.6
		1981	03	Ca Ion	4.210E+00	7.400E+01	1.762E+07	2.6
		1981	03	Cl Ion	1.320E+02	2.322E+03	1.762E+07	2.6
		1981	03	Na Ion	1.248E+02	2.195E+03	1.762E+07	2.6
		1981	03	PO4 Ion	2.800E+00	4.900E+01	1.762E+07	2.6
		1981	03	SO4 Ion	8.580E+02	1.509E+04	1.762E+07	2.6
	WASTE DITCH	1981	04	CLO Ion	3.629E+01	3.980E+02	1.097E+07	5.0
		1981	04	Ca Ion	1.413E+01	1.550E+02	1.097E+07	5.0
		1981	04	Cl Ion	1.507E+02	1.650E+03	1.097E+07	5.0
		1981	04	Na Ion	8.000E+01	8.760E+02	1.097E+07	5.0
		1981	04	PO4 Ion	3.800E+00	4.200E+01	1.097E+07	5.0
		1981	04	SO4 Ion	4.033E+02	4.414E+03	1.097E+07	5.0
	WASTE DITCH	1981	05	CLO Ion	3.534E+01	6.170E+02	1.747E+07	8.1
		1981	05	Ca Ion	1.376E+01	2.400E+02	1.747E+07	8.1
		1981	05	Cl Ion	1.450E+02	2.528E+03	1.747E+07	8.1
		1981	05	Na Ion	9.490E+02	1.654E+04	1.747E+07	8.1
		1981	05	PO4 Ion	4.900E+00	8.500E+01	1.747E+07	8.1
		1981	05	SO4 Ion	2.274E+02	3.964E+03	1.747E+07	8.1
	WASTE DITCH	1981	06	CLO Ion	1.064E+01	6.230E+02	5.856E+07	6.9
		1981	06	Ca Ion	4.140E+00	2.430E+02	5.856E+07	6.9
		1981	06	Cl Ion	2.840E+02	1.660E+04	5.856E+07	6.9
		1981	06	Na Ion	1.413E+02	8.259E+03	5.856E+07	6.9
		1981	06	PO4 Ion	4.500E+00	2.630E+02	5.856E+07	6.9
		1981	06	SO4 Ion	3.119E+02	1.823E+04	5.856E+07	6.9

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF	WASTE DITCH	1981	07	CLO Ion	2.109E+01	5.450E+02	2.584E+07	7.2
		1981	07	Ca Ion	8.210E+00	2.120E+02	2.584E+07	7.2
		1981	07	Cl Ion	2.590E+02	6.681E+03	2.584E+07	7.2
		1981	07	Na Ion	1.481E+02	3.820E+03	2.584E+07	7.2
		1981	07	PO4 Ion	3.300E+00	8.500E+01	2.584E+07	7.2
		1981	07	SO4 Ion	2.085E+02	5.378E+03	2.584E+07	7.2
	WASTE DITCH	1981	08	CLO Ion	6.794E+01	1.184E+03	1.744E+07	7.5
		1981	08	Ca Ion	2.646E+01	4.610E+02	1.744E+07	7.5
		1981	08	Cl Ion	1.596E+02	2.778E+03	1.744E+07	7.5
		1981	08	Na Ion	8.120E+01	1.413E+03	1.744E+07	7.5
		1981	08	PO4 Ion	4.400E+00	7.700E+01	1.744E+07	7.5
		1981	08	SO4 Ion	1.710E+02	2.976E+03	1.744E+07	7.5
	WASTE DITCH	1981	09	CLO Ion	3.868E+01	4.030E+02	1.041E+07	8.3
		1981	09	Ca Ion	1.506E+01	1.570E+02	1.041E+07	8.3
		1981	09	Cl Ion	4.819E+02	5.009E+03	1.041E+07	8.3
		1981	09	Na Ion	2.410E+02	2.505E+03	1.041E+07	8.3
		1981	09	PO4 Ion	4.100E+00	4.300E+01	1.041E+07	8.3
		1981	09	SO4 Ion	1.903E+02	1.978E+03	1.041E+07	8.3
	WASTE DITCH	1981	10	CLO Ion	7.990E+00	1.670E+02	2.090E+07	3.0
		1981	10	Ca Ion	3.110E+00	6.500E+01	2.090E+07	3.0
		1981	10	Cl Ion	4.382E+02	9.141E+03	2.090E+07	3.0
		1981	10	Na Ion	2.275E+02	4.746E+03	2.090E+07	3.0
		1981	10	PO4 Ion	7.000E-01	1.500E+01	2.090E+07	3.0
		1981	10	SO4 Ion	3.922E+02	8.181E+03	2.090E+07	3.0
	WASTE DITCH	1981	11	CLO Ion	6.490E+00	2.620E+02	4.035E+07	3.2
		1981	11	Ca Ion	2.530E+00	1.020E+02	4.035E+07	3.2
		1981	11	Cl Ion	1.452E+02	5.848E+03	4.035E+07	3.2
		1981	11	Na Ion	1.394E+02	5.615E+03	4.035E+07	3.2
		1981	11	PO4 Ion	4.400E+00	1.770E+02	4.035E+07	3.2
		1981	11	SO4 Ion	4.775E+02	1.923E+04	4.035E+07	3.2
	WASTE DITCH	1981	12	CLO Ion	1.200E+01	1.910E+02	1.590E+07	2.9
		1981	12	Ca Ion	4.670E+00	7.400E+01	1.590E+07	2.9
		1981	12	Cl Ion	2.700E+02	4.285E+03	1.590E+07	2.9
		1981	12	Na Ion	5.170E+02	8.205E+03	1.590E+07	2.9
		1981	12	PO4 Ion	3.700E+00	5.900E+01	1.590E+07	2.9
		1981	12	SO4 Ion	5.530E+02	8.776E+03	1.590E+07	2.9
	WASTE DITCH	1982	01	CLO Ion	5.990E+00	4.740E+02	7.915E+07	2.4
		1982	01	Ca Ion	2.330E+00	1.850E+02	7.915E+07	2.4
		1982	01	Cl Ion	9.400E+01	7.440E+03	7.915E+07	2.4
		1982	01	Na Ion	1.450E+02	1.148E+04	7.915E+07	2.4
		1982	01	PO4 Ion	3.000E+00	2.370E+02	7.915E+07	2.4
		1982	01	SO4 Ion	9.400E+02	7.440E+04	7.915E+07	2.4
	WASTE DITCH	1982	02	CLO Ion	5.550E+00	4.380E+02	7.892E+07	8.6

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1982	02	Ca Ion	2.160E+00	1.710E+02	7.892E+07	8.6
		1982	02	Cl Ion	1.360E+02	1.073E+04	7.892E+07	8.6
		1982	02	Na Ion	9.090E+01	7.714E+03	7.892E+07	8.6
		1982	02	PO4 Ion	3.600E+00	2.840E+02	7.892E+07	8.6
		1982	02	SO4 Ion	1.640E+02	1.294E+04	7.892E+07	8.6
	WASTE DITCH	1982	03	CLO Ion	3.840E+00	3.790E+02	9.868E+07	7.6
		1982	03	Ca Ion	1.490E+00	1.480E+02	9.868E+07	7.6
		1982	03	Cl Ion	7.680E+01	7.579E+03	9.868E+07	7.6
		1982	03	PO4 Ion	1.800E+00	1.780E+02	9.868E+07	7.6
		1982	03	SO4 Ion	1.475E+02	1.456E+04	9.868E+07	7.6
	WASTE DITCH	1982	04	CLO Ion	2.693E+01	1.780E+02	6.598E+06	8.9
		1982	04	Ca Ion	1.049E+01	6.900E+01	6.598E+06	8.9
		1982	04	Cl Ion	8.800E+01	5.810E+02	6.598E+06	8.9
		1982	04	Na Ion	5.010E+01	3.310E+02	6.598E+06	8.9
		1982	04	PO4 Ion	2.000E+00	1.300E+01	6.598E+06	8.9
		1982	04	SO4 Ion	1.480E+02	9.760E+02	6.598E+06	8.9
	WASTE DITCH	1982	05	CLO Ion	5.670E+00	1.780E+02	3.136E+07	10.3
		1982	05	Ca Ion	2.210E+00	6.900E+01	3.136E+07	10.3
		1982	05	Cl Ion	1.400E+02	4.390E+03	3.136E+07	10.3
		1982	05	Na Ion	2.114E+02	6.629E+03	3.136E+07	10.3
		1982	05	PO4 Ion	4.000E-02	1.000E+00	3.136E+07	10.3
		1982	05	SO4 Ion	3.032E+02	9.508E+03	3.136E+07	10.3
	WASTE DITCH	1982	06	Cl Ion	3.404E+02	4.314E+03	1.267E+07	8.2
		1982	06	Na Ion	1.990E+02	2.522E+03	1.267E+07	8.2
		1982	06	PO4 Ion	2.100E+00	2.700E+01	1.267E+07	8.2
		1982	06	SO4 Ion	1.611E+02	2.042E+03	1.267E+07	8.2
	WASTE DITCH	1982	07	Cl Ion	1.890E+02	2.347E+03	1.242E+07	6.2
		1982	07	Na Ion	1.285E+02	1.596E+03	1.242E+07	6.2
		1982	07	PO4 Ion	3.000E+00	3.700E+01	1.242E+07	6.2
		1982	07	SO4 Ion	2.530E+02	3.142E+03	1.242E+07	6.2
	WASTE DITCH	1982	08	Cl Ion	1.635E+02	5.417E+03	3.313E+07	6.0
		1982	08	Na Ion	1.135E+02	3.760E+03	3.313E+07	6.0
		1982	08	PO4 Ion	3.900E+00	1.290E+02	3.313E+07	6.0
		1982	08	SO4 Ion	3.255E+02	1.078E+04	3.313E+07	6.0
	WASTE DITCH	1982	09	CLO Ion	1.055E+01	1.540E+02	1.460E+07	3.0
		1982	09	Ca Ion	4.110E+00	6.000E+01	1.460E+07	3.0
		1982	09	Cl Ion	1.770E+02	2.584E+03	1.460E+07	3.0
		1982	09	Na Ion	9.680E+01	1.413E+03	1.460E+07	3.0
		1982	09	PO4 Ion	5.600E+00	8.200E+01	1.460E+07	3.0
		1982	09	SO4 Ion	4.112E+02	6.002E+03	1.460E+07	3.0
	WASTE DITCH	1982	10	CLO Ion	2.517E+01	4.020E+02	1.596E+07	4.9
		1982	10	Ca Ion	9.800E+00	1.560E+02	1.596E+07	4.9
		1982	10	Cl Ion	1.090E+02	1.739E+03	1.596E+07	4.9

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
NRF		1982	10	Na Ion	9.960E+01	1.589E+03	1.596E+07	4.9
		1982	10	PO4 Ion	3.700E+00	5.900E+01	1.596E+07	4.9
		1982	10	SO4 Ion	5.764E+02	9.196E+03	1.596E+07	4.9
	WASTE DITCH	1982	11	CLO Ion	2.408E+01	4.250E+02	1.766E+07	6.4
		1982	11	Ca Ion	9.380E+00	1.660E+02	1.766E+07	6.4
		1982	11	Cl Ion	2.048E+02	3.617E+03	1.766E+07	6.4
		1982	11	Na Ion	1.270E+02	2.243E+03	1.766E+07	6.4
		1982	11	PO4 Ion	3.200E+00	5.700E+01	1.766E+07	6.4
		1982	11	SO4 Ion	3.453E+02	6.099E+03	1.766E+07	6.4
	WASTE DITCH	1982	12	CLO Ion	2.007E+01	3.790E+02	1.889E+07	6.0
		1982	12	Ca Ion	7.810E+00	1.480E+02	1.889E+07	6.0
		1982	12	Cl Ion	3.794E+02	7.166E+03	1.889E+07	6.0
		1982	12	Na Ion	1.957E+02	3.697E+03	1.889E+07	6.0
		1982	12	PO4 Ion	5.300E+00	1.000E+02	1.889E+07	6.0
		1982	12	SO4 Ion	3.325E+02	6.280E+03	1.889E+07	6.0
TRA	CHEM. WASTE POND	1977	01	Na Ion	5.538E+02	3.962E+03	7.154E+06	---
		1977	01	SO4 Ion	6.697E+03	4.791E+04	7.154E+06	---
	DISP. WELL	1977	01	CLO Ion	1.200E-01	1.497E+01	1.196E+08	8.1
		1977	01	Cl Ion	1.100E-01	1.315E+01	1.196E+08	8.1
		1977	01	K Ion	2.350E+00	2.812E+02	1.196E+08	8.1
		1977	01	Na Ion	1.180E+00	1.406E+02	1.196E+08	8.1
		1977	01	PO4 Ion	5.460E+00	6.527E+02	1.196E+08	8.1
		1977	01	SO4 Ion	1.884E+02	2.253E+04	1.196E+08	8.1
	CHEM. WASTE POND	1977	02	Na Ion	5.794E+02	4.702E+03	8.116E+06	---
		1977	02	SO4 Ion	6.845E+03	5.555E+04	8.116E+06	---
	DISP. WELL	1977	02	CLO Ion	2.200E-01	2.404E+01	1.096E+08	8.4
		1977	02	Cl Ion	1.700E-01	1.860E+01	1.096E+08	8.4
		1977	02	K Ion	2.420E+00	2.658E+02	1.096E+08	8.4
		1977	02	Na Ion	1.280E+00	1.406E+02	1.096E+08	8.4
		1977	02	PO4 Ion	6.170E+00	6.749E+02	1.096E+08	8.4
		1977	02	SO4 Ion	1.610E+02	1.764E+04	1.096E+08	8.4
	CHEM. WASTE POND	1977	03	Na Ion	6.023E+02	4.056E+03	6.734E+06	---
		1977	03	SO4 Ion	6.614E+03	4.450E+04	6.734E+06	---
	DISP. WELL	1977	03	CLO Ion	2.500E-01	2.495E+01	1.018E+08	8.1
		1977	03	Cl Ion	1.900E-01	1.950E+01	1.018E+08	8.1
		1977	03	K Ion	1.570E+00	1.592E+02	1.018E+08	8.1
		1977	03	Na Ion	8.400E-01	8.573E+01	1.018E+08	8.1
		1977	03	PO4 Ion	2.800E+00	2.844E+02	1.018E+08	8.1
		1977	03	SO4 Ion	1.465E+02	1.491E+04	1.018E+08	8.1
	CHEM. WASTE POND	1977	04	Na Ion	6.634E+02	5.693E+03	8.582E+06	---
		1977	04	SO4 Ion	6.814E+03	5.848E+04	8.582E+06	---
	DISP. WELL	1977	04	CLO Ion	2.100E-01	2.767E+01	1.318E+08	8.3
		1977	04	Cl Ion	1.600E-01	2.177E+01	1.318E+08	8.3
		1977	04	K Ion	1.730E+00	2.282E+02	1.318E+08	8.3
		1977	04	Na Ion	8.600E-01	1.134E+02	1.318E+08	8.3

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1977	04	PO4 Ion	2.070E+00	2.726E+02	1.318E+08	8.3
		1977	04	SO4 Ion	1.072E+02	1.412E+04	1.318E+08	8.3
	CHEM. WASTE POND	1977	05	Na Ion	5.950E+02	3.088E+03	5.190E+06	---
		1977	05	SO4 Ion	6.640E+03	3.44cE+04	5.190E+06	---
	DISP. WELL	1977	05	CLO Ion	6.400E-01	6.985E+01	1.096E+08	8.1
		1977	05	Cl Ion	4.500E-01	4.944E+01	1.096E+08	8.1
		1977	05	K Ion	5.700E-01	6.214E+01	1.096E+08	8.1
		1977	05	Na Ion	3.000E-02	3.175E+00	1.096E+08	8.1
		1977	05	PO4 Ion	4.300E-01	4.763E+01	1.096E+08	8.1
	CHEM. WASTE POND	1977	06	Na Ion	7.788E+02	2.193E+03	2.816E+06	---
		1977	06	SO4 Ion	9.112E+03	2.566E+04	2.816E+06	---
	DISP. WELL	1977	06	CLO Ion	5.000E-02	4.082E+00	9.115E+07	8.1
		1977	06	Cl Ion	3.000E-02	2.722E+00	9.115E+07	8.6
		1977	06	K Ion	1.370E+00	1.247E+02	9.115E+07	8.6
		1977	06	Na Ion	2.000E-02	1.361E+00	9.115E+07	8.6
		1977	06	PO4 Ion	6.000E-01	5.488E+01	9.115E+07	8.6
		1977	06	SO4 Ion	2.251E+01	2.052E+03	9.115E+07	8.6
	CHEM. WASTE POND	1977	07	Na Ion	7.963E+02	5.438E+03	6.829E+06	---
		1977	07	SO4 Ion	7.244E+03	4.947E+04	6.829E+06	---
	DISP. WELL	1977	07	CLO Ion	2.500E-01	2.359E+01	9.164E+07	8.1
		1977	07	Cl Ion	1.800E-01	1.588E+01	9.164E+07	8.1
		1977	07	K Ion	1.840E+00	1.687E+02	9.164E+07	8.1
		1977	07	Na Ion	4.200E-01	3.765E+01	9.164E+07	8.1
		1977	07	PO4 Ion	2.140E+00	1.960E+02	9.164E+07	8.1
		1977	07	SO4 Ion	1.827E+02	1.675E+04	9.164E+07	8.1
	CHEM. WASTE POND	1977	08	Na Ion	6.815E+02	3.865E+03	5.671E+06	---
		1977	08	SO4 Ion	8.268E+03	4.689E+04	5.671E+06	---
	DISP. WELL	1977	08	CLO Ion	1.500E-01	2.041E+01	1.340E+08	9.1
		1977	08	Cl Ion	1.100E-01	1.542E+01	1.340E+08	9.1
		1977	08	K Ion	1.050E+00	1.402E+02	1.340E+08	9.1
		1977	08	PO4 Ion	1.390E+00	1.351E+02	1.340E+08	9.1
	CHEM. WASTE POND	1977	09	Na Ion	5.445E+04	3.910E+03	7.181E+06	---
		1977	09	SO4 Ion	8.330E+03	5.982E+04	7.181E+06	---
	DISP. WELL	1977	09	CLO Ion	5.000E-01	7.121E+01	1.416E+08	8.1
		1977	09	Cl Ion	3.600E-01	5.035E+01	1.416E+08	8.1
		1977	09	K Ion	3.680E+00	5.216E+02	1.416E+08	8.1
		1977	09	Na Ion	7.800E-01	1.125E+02	1.416E+08	8.1
		1977	09	PO4 Ion	2.824E+01	3.991E+03	1.416E+08	8.1
		1977	09	SO4 Ion	1.758E+02	2.489E+04	1.416E+08	8.1
	CHEM. WASTE POND	1977	10	Na Ion	5.799E+02	3.975E+03	6.855E+06	---
		1977	10	SO4 Ion	5.605E+03	3.842E+04	6.855E+06	---
	DISP. WELL	1977	10	CLO Ion	2.500E-01	3.357E+01	1.323E+08	8.5
		1977	10	Cl Ion	1.900E-01	2.585E+01	1.323E+08	8.5
		1977	10	K Ion	1.610E+00	2.123E+02	1.323E+08	8.5
		1977	10	Na Ion	1.150E+00	1.515E+02	1.323E+08	8.5

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1977	10	PO4 Ion	1.424E+01	1.879E+03	1.323E+08	8.5
		1977	10	SO4 Ion	1.539E+02	2.036E+04	1.323E+08	8.5
	CHEM. WASTE POND	1977	11	Na Ion	5.219E+02	3.698E+03	7.086E+06	---
		1977	11	SO4 Ion	6.317E+03	4.476E+04	7.086E+06	---
	DISP. WELL	1977	11	CLO Ion	2.700E-01	3.357E+01	1.232E+08	7.9
		1977	11	Cl Ion	2.000E-01	2.499E+01	1.232E+08	7.9
		1977	11	K Ion	2.380E+00	2.935E+02	1.232E+08	7.9
		1977	11	Na Ion	9.200E-01	1.120E+02	1.232E+08	7.9
		1977	11	PO4 Ion	3.460E+00	4.264E+02	1.232E+08	7.9
		1977	11	SO4 Ion	1.415E+02	1.744E+04	1.232E+08	7.9
	CHEM. WASTE POND	1977	12	Na Ion	3.808E+02	3.711E+03	9.744E+06	---
		1977	12	SO4 Ion	5.529E+03	5.387E+04	9.744E+06	---
	DISP. WELL	1977	12	CLO Ion	9.000E-02	1.406E+01	1.602E+08	7.5
		1977	12	K Ion	2.050E+00	3.279E+02	1.602E+08	7.5
		1977	12	Na Ion	9.900E-01	1.597E+02	1.602E+08	7.5
		1977	12	PO4 Ion	2.870E+00	4.581E+02	1.602E+08	7.5
		1977	12	SO4 Ion	1.533E+02	2.455E+04	1.602E+08	7.5
	CHEM. WASTE POND	1978	01	Na Ion	6.394E+02	4.376E+03	6.844E+06	---
		1978	01	SO4 Ion	7.047E+03	4.823E+04	6.844E+06	---
	DISP. WELL	1978	01	CLO Ion	3.700E-01	2.948E+01	7.915E+07	7.7
		1978	01	Cl Ion	3.100E-01	2.449E+01	7.915E+07	7.7
		1978	01	K Ion	2.880E+00	2.282E+02	7.915E+07	7.7
		1978	01	Na Ion	1.410E+00	1.120E+02	7.915E+07	7.7
		1978	01	PO4 Ion	6.160E+00	4.867E+02	7.915E+07	7.7
		1978	01	SO4 Ion	2.791E+02	2.209E+04	7.915E+07	7.7
	CHEM. WASTE POND	1978	02	Na Ion	5.896E+02	3.975E+03	6.742E+06	---
		1978	02	SO4 Ion	6.752E+03	4.552E+04	6.742E+06	---
	DISP. WELL	1978	02	CLO Ion	3.000E-01	2.631E+01	8.854E+07	7.9
		1978	02	Cl Ion	2.300E-01	2.087E+01	8.854E+07	7.9
		1978	02	K Ion	3.000E+00	2.658E+02	8.854E+07	7.9
		1978	02	Na Ion	1.800E+00	1.583E+02	8.854E+07	7.9
		1978	02	PO4 Ion	5.100E+00	4.509E+02	8.854E+07	7.9
		1978	02	SO4 Ion	1.730E+02	1.532E+04	8.854E+07	7.9
	CHEM. WASTE POND	1978	03	Na Ion	5.935E+02	4.280E+03	7.211E+06	---
		1978	03	SO4 Ion	8.437E+03	6.084E+04	7.211E+06	---
	DISP. WELL	1978	03	CLO Ion	3.800E-01	2.812E+01	7.332E+07	7.9
		1978	03	Cl Ion	2.800E-01	2.087E+01	7.332E+07	7.9
		1978	03	K Ion	4.180E+00	3.062E+02	7.332E+07	7.9
		1978	03	Na Ion	1.790E+00	1.315E+02	7.332E+07	7.9
		1978	03	PO4 Ion	4.910E+00	3.588E+01	7.332E+07	7.9
		1978	03	SO4 Ion	3.070E+02	2.251E+04	7.332E+07	7.9
	CHEM. WASTE POND	1978	04	Na Ion	6.409E+02	3.894E+03	6.076E+06	---
		1978	04	SO4 Ion	7.702E+03	4.680E+04	6.076E+06	---
	DISP. WELL	1978	04	CLO Ion	2.100E-01	1.814E+01	8.521E+07	8.0
		1978	04	Cl Ion	1.800E-01	1.542E+01	8.521E+07	8.0

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1978	04	K Ion	3.450E+00	2.939E+02	8.521E+07	8.0
		1978	04	Na Ion	1.630E+00	1.393E+02	8.521E+07	8.0
		1978	04	PO4 Ion	4.860E+00	4.141E+02	8.521E+07	8.0
		1978	04	SO4 Ion	1.360E+02	1.159E+04	8.521E+07	8.0
	CHEM. WASTE POND	1978	05	Na Ion	5.904E+02	4.296E+03	7.276E+06	---
		1978	05	SO4 Ion	7.995E+03	5.817E+04	7.276E+06	---
	DISP. WELL	1978	05	CLO Ion	3.700E-01	2.313E+01	6.148E+07	8.0
		1978	05	Cl Ion	2.900E-01	1.814E+01	6.148E+07	8.0
		1978	05	K Ion	2.340E+00	1.438E+02	6.148E+07	8.0
		1978	05	Na Ion	1.980E+00	1.216E+02	6.148E+07	8.0
		1978	05	PO4 Ion	4.000E+00	2.458E+02	6.148E+07	8.0
		1978	05	SO4 Ion	3.065E+02	1.884E+04	6.148E+07	8.0
	CHEM. WASTE POND	1978	06	Na Ion	5.875E+02	4.984E+03	8.483E+06	---
		1978	06	SO4 Ion	5.228E+03	4.435E+04	8.483E+06	---
	DISP. WELL	1978	06	CLO Ion	5.100E-01	4.128E+01	8.082E+07	8.2
		1978	06	Cl Ion	3.900E-01	3.175E+01	8.082E+07	8.2
		1978	06	K Ion	3.020E+00	2.436E+02	8.082E+07	8.2
		1978	06	Na Ion	1.620E+00	1.315E+02	8.082E+07	8.2
		1978	06	PO4 Ion	4.570E+00	3.688E+02	8.082E+07	8.2
		1978	06	SO4 Ion	2.577E+02	2.082E+04	8.082E+07	8.2
	CHEM. WASTE POND	1978	07	Na Ion	5.691E+02	3.938E+03	6.920E+06	7.5
		1978	07	SO4 Ion	6.603E+03	4.569E+04	6.920E+06	7.5
	DISP. WELL	1978	07	CLO Ion	5.500E-01	4.717E+01	8.619E+07	8.2
		1978	07	Cl Ion	3.900E-01	3.311E+01	8.619E+07	8.2
		1978	07	K Ion	5.000E+00	4.309E+02	8.619E+07	8.2
		1978	07	Na Ion	1.960E+00	1.678E+02	8.619E+07	8.2
		1978	07	PO4 Ion	2.380E+01	2.048E+03	8.619E+07	8.2
		1978	07	SO4 Ion	2.936E+02	2.530E+04	8.619E+07	8.2
	CHEM. WASTE POND	1978	08	Na Ion	6.057E+02	3.448E+03	5.693E+06	---
		1978	08	SO4 Ion	7.666E+03	4.364E+04	5.693E+06	---
	OISP. WELL	1978	08	CLO Ion	3.900E-01	2.948E+01	7.575E+07	8.0
		1978	08	Cl Ion	3.000E-01	2.268E+01	7.575E+07	8.0
		1978	08	K Ion	5.890E+00	4.463E+02	7.575E+07	8.0
		1978	08	Na Ion	1.950E+00	1.479E+02	7.575E+07	8.0
		1978	08	PO4 Ion	5.660E+00	4.282E+02	7.575E+07	8.0
		1978	08	SO4 Ion	3.575E+02	2.708E+04	7.575E+07	8.0
	CHEM. WASTE POND	1978	09	Na Ion	8.763E+02	4.710E+03	5.375E+06	---
		1978	09	SO4 Ion	9.395E+03	5.050E+04	5.375E+06	---
	OISP. WELL	1978	09	CLO Ion	1.600E-01	1.633E+01	1.016E+08	8.0
		1978	09	Cl Ion	1.400E-01	1.406E+01	1.016E+08	8.0
		1978	09	K Ion	3.230E+00	3.279E+02	1.016E+08	8.0
		1978	09	Na Ion	1.750E+00	1.774E+02	1.016E+08	8.0
		1978	09	PO4 Ion	3.830E+00	3.887E+02	1.016E+08	8.0
		1978	09	SO4 Ion	2.366E+02	2.404E+04	1.016E+08	8.0
	CHEM. WASTE POND	1978	10	Na Ion	6.360E+02	3.185E+03	5.008E+06	---

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1978	10	SO4 Ion	6.140E+03	3.075E+04	5.008E+06	---
	DISP. WELL	1978	10	CLO Ion	4.400E-01	3.357E+01	7.571E+07	7.9
		1978	10	Cl Ion	3.300E-01	2.449E+01	7.571E+07	7.9
		1978	10	K Ion	3.010E+00	2.282E+02	7.571E+07	7.9
		1978	10	Na Ion	1.220E+00	9.253E+01	7.571E+07	7.9
		1978	10	PO4 Ion	4.330E+00	3.275E+02	7.571E+07	7.9
		1978	10	SO4 Ion	2.150E+02	1.627E+04	7.571E+07	7.9
	CHEM. WASTE POND	1978	11	Na Ion	5.719E+02	4.421E+03	7.730E+06	---
		1978	11	SO4 Ion	7.468E+03	5.773E+04	7.730E+06	---
	OISP. WELL	1978	11	CLO Ion	1.500E-01	1.633E+01	1.108E+08	8.0
		1978	11	Cl Ion	1.100E-01	1.270E+01	1.108E+08	8.0
		1978	11	K Ion	1.880E+00	2.091E+02	1.108E+08	8.0
		1978	11	Na Ion	1.320E+00	1.456E+02	1.108E+08	8.0
		1978	11	PO4 Ion	4.036E+01	4.466E+03	1.108E+08	8.0
		1978	11	SO4 Ion	2.215E+02	2.455E+04	1.108E+08	8.0
	CHEM. WASTE POND	1978	12	Na Ion	6.415E+02	3.604E+03	5.618E+06	---
		1978	12	SO4 Ion	6.937E+03	3.897E+04	5.618E+06	---
	DISP. WELL	1978	12	CLO Ion	1.800E-01	1.860E+01	9.993E+07	7.8
		1978	12	Cl Ion	1.400E-01	1.406E+01	9.993E+07	7.8
		1978	12	K Ion	1.370E+00	1.374E+02	9.993E+07	7.8
		1978	12	Na Ion	7.700E-01	7.620E+01	9.993E+07	7.8
		1978	12	PO4 Ion	1.693E+01	1.690E+03	9.993E+07	7.8
		1978	12	SO4 Ion	1.300E+02	1.299E+04	9.993E+07	7.8
	CHEM. WASTE POND	1979	01	Na Ion	4.623E+02	3.020E+03	6.533E+06	---
		1979	01	SO4 Ion	5.999E+03	3.919E+04	6.533E+06	---
	DISP. WELL	1979	01	CLO Ion	1.600E-01	1.700E+01	1.066E+08	7.7
		1979	01	Cl Ion	1.200E-01	1.300E+01	1.066E+08	7.7
		1979	01	K Ion	2.930E+00	3.130E+02	1.066E+08	7.7
		1979	01	Na Ion	1.500E+00	1.610E+02	1.066E+08	7.7
		1979	01	PO4 Ion	4.690E+00	4.990E+02	1.066E+08	7.7
		1979	01	SO4 Ion	2.474E+02	2.636E+04	1.066E+08	7.7
	CHEM. WASTE POND	1979	02	Na Ion	5.891E+02	3.229E+03	5.481E+06	---
		1979	02	SO4 Ion	6.426E+03	3.522E+04	5.481E+06	---
	DISP. WELL	1979	02	CLO Ion	3.300E-01	2.400E+01	7.147E+07	7.7
		1979	02	Cl Ion	2.500E-01	1.800E+01	7.147E+07	7.7
		1979	02	K Ion	3.850E+00	2.750E+02	7.147E+07	7.7
		1979	02	Na Ion	1.870E+00	1.330E+02	7.147E+07	7.7
		1979	02	PO4 Ion	4.340E+00	3.100E+02	7.147E+07	7.7
		1979	02	SO4 Ion	2.823E+02	2.017E+04	7.147E+07	7.7
	CHEM. WASTE POND	1979	03	Na Ion	5.253E+02	3.039E+03	5.807E+06	---
		1979	03	SO4 Ion	6.642E+03	3.857E+04	5.807E+06	---
	DISP. WELL	1979	03	CLO Ion	2.300E-01	2.100E+01	9.024E+07	8.1
		1979	03	Cl Ion	1.600E-01	1.400E+01	9.024E+07	8.1
		1979	03	K Ion	1.870E+00	1.690E+02	9.024E+07	8.1
		1979	03	Na Ion	8.500E-01	7.300E+01	9.024E+07	8.1
		1979	03	PO4 Ion	2.517E+01	2.268E+03	9.024E+07	8.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1979	03	SO4 Ion	1.622E+02	1.464E+04	9.024E+07	8.1
	CHEM. WASTE POND	1979	04	Na Ion	8.512E+02	4.543E+03	5.337E+06	---
		1979	04	SO4 Ion	8.578E+03	4.578E+04	5.337E+06	---
	DISP. WELL	1979	04	CLO Ion	4.100E-01	3.000E+01	7.476E+07	7.5
		1979	04	K Ion	3.680E+00	2.750E+02	7.476E+07	7.5
		1979	04	Na Ion	2.020E+00	1.500E+02	2.476E+07	7.5
		1979	04	PO4 Ion	3.150E+01	2.351E+03	7.476E+07	7.5
		1979	04	SO4 Ion	3.202E+02	2.394E+04	7.476E+07	7.5
	CHEM. WASTE POND	1979	05	Na Ion	5.667E+03	2.542E+03	4.486E+06	---
		1979	05	SO4 Ion	9.463E+03	4.245E+04	4.486E+06	---
	DISP. WELL	1979	05	CLO Ion	3.700E-01	2.400E+01	6.291E+07	7.7
		1979	05	Cl Ion	2.600E-01	1.600E+01	6.291E+07	7.7
		1979	05	K Ion	2.640E+00	1.660E+02	6.291E+07	7.7
		1979	05	Na Ion	2.090E+00	1.310E+02	6.291E+07	7.7
		1979	05	PO4 Ion	4.130E+00	2.600E+02	6.291E+07	7.7
		1979	05	SO4 Ion	3.348E+02	2.106E+04	6.291E+07	7.7
	CHEM. WASTE POND	1979	06	Na Ion	6.846E+02	3.203E+03	4.679E+06	---
		1979	06	SO4 Ion	6.132E+03	2.953E+04	4.679E+06	---
	DISP. WELL	1979	06	CLO Ion	3.900E-01	3.000E+01	7.760E+07	7.7
		1979	06	Cl Ion	2.900E-01	2.200E+01	7.760E+07	7.7
		1979	06	K Ion	4.260E+00	3.310E+02	7.760E+07	7.7
		1979	06	Na Ion	1.330E+00	1.030E+02	7.760E+07	7.7
		1979	06	PO4 Ion	2.037E+01	1.578E+03	7.760E+07	7.7
		1979	06	SO4 Ion	4.028E+02	3.126E+04	7.760E+07	7.7
	CHEM. WASTE POND	1979	07	Na Ion	6.622E+02	3.933E+03	5.939E+06	---
		1979	07	SO4 Ion	9.145E+03	5.431E+04	5.939E+06	---
	DISP. WELL	1979	07	CLO Ion	4.800E-01	4.700E+01	9.902E+07	7.3
		1979	07	Cl Ion	3.700E-01	3.600E+01	9.902E+07	7.3
		1979	07	K Ion	3.250E+00	3.220E+02	9.902E+07	7.3
		1979	07	Na Ion	2.250E+00	2.240E+02	9.902E+07	7.3
		1979	07	PO4 Ion	9.130E+00	9.040E+02	9.902E+07	7.3
		1979	07	SO4 Ion	4.244E+02	4.202E+04	9.902E+07	7.3
	CHEM. WASTE POND	1979	08	Na Ion	6.647E+02	3.988E+03	6.000E+06	---
		1979	08	SO4 Ion	8.497E+03	5.098E+04	6.000E+06	---
	DISP. WELL	1979	08	CLO Ion	1.800E-01	1.400E+01	7.627E+07	7.3
		1979	08	Cl Ion	1.400E-01	1.100E+01	7.627E+07	7.3
		1979	08	K Ion	1.970E+00	1.500E+02	7.627E+07	7.3
		1979	08	Na Ion	1.450E+00	1.110E+02	7.627E+07	7.3
		1979	08	PO4 Ion	6.930E+00	5.280E+02	7.627E+07	7.3
		1979	08	SO4 Ion	2.260E+02	1.723E+04	7.627E+07	7.3
	CHEM. WASTE POND	1979	09	Na Ion	8.333E+02	4.413E+03	5.296E+06	---
		1979	09	SO4 Ion	1.107E+04	5.862E+04	5.296E+06	---
	DISP. WELL	1979	09	CLO Ion	4.600E-01	3.200E+01	7.044E+07	7.7
		1979	09	Cl Ion	3.600E-01	2.500E+01	7.044E+07	7.7
		1979	09	K Ion	1.600E+00	1.120E+02	7.044E+07	7.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1979	09	Na Ion	1.440E+00	1.030E+02	7.044E+07	7.7
		1979	09	PO4 Ion	2.000E-01	1.406E+03	7.044E+07	7.7
		1979	09	SO4 Ion	3.835E+02	2.702E+04	7.044E+07	7.7
	CHEM. WASTE POND	1979	10	Na Ion	5.736E+02	3.641E+03	6.348E+06	---
		1979	10	SO4 Ion	7.212E+03	4.578E+04	6.348E+06	---
	DISP. WELL	1979	10	CLO Ion	5.500E-01	4.500E+01	8.184E+07	7.4
		1979	10	Cl Ion	4.000E-01	3.200E+01	8.184E+07	7.4
		1979	10	K Ion	1.830E+00	1.500E+02	8.184E+07	7.4
		1979	10	Na Ion	1.600E+00	1.310E+02	8.184E+07	7.4
		1979	10	PO4 Ion	4.350E+00	3.560E+02	8.184E+07	7.4
		1979	10	SO4 Ion	2.077E+02	1.699E+04	8.184E+07	7.4
		1979	11	SO4 Ion	7.490E+03	3.737E+04	4.989E+06	---
	CHEM. WASTE POND	1979	11	Na Ion	5.923E+02	2.955E+03	4.989E+06	---
		1979	11	SO4 Ion	7.504E+03	3.737E+04	4.989E+06	---
	DISP. WELL	1979	11	Na Ion	1.000E-02	2.000E+00	1.267E+08	7.7
		1979	11	PO4 Ion	2.650E+00	3.360E+02	1.267E+08	7.7
	CHEM. WASTE POND	1979	12	Na Ion	7.151E+02	3.863E+03	5.402E+06	---
		1979	12	SO4 Ion	8.632E+03	4.663E+04	5.402E+06	---
	DISP. WELL	1979	12	CLO Ion	3.300E-01	2.400E+01	7.264E+07	7.6
		1979	12	Cl Ion	2.600E-01	1.800E+01	7.264E+07	7.6
		1979	12	K Ion	2.710E+00	1.970E+02	7.264E+07	7.6
		1979	12	Na Ion	1.810E+00	1.320E+02	7.264E+07	7.6
		1979	12	PO4 Ion	4.920E+00	3.580E+02	7.264E+07	7.6
		1979	12	SO4 Ion	3.841E+02	2.790E+04	7.264E+07	7.6
	CHEM. WASTE POND	1980	01	Na Ion	6.730E+02	3.406E+03	5.061E+06	---
		1980	01	SO4 Ion	7.279E+03	3.684E+04	5.061E+06	---
	DISP. WELL	1980	01	CLO Ion	3.500E-01	2.400E+01	6.776E+07	7.4
		1980	01	Cl Ion	2.800E-01	2.000E+01	6.776E+07	7.4
		1980	01	K Ion	2.910E+00	1.970E+02	6.776E+07	7.4
		1980	01	Na Ion	1.640E+00	1.110E+02	6.776E+07	7.4
		1980	01	PO4 Ion	6.850E+00	4.640E+02	6.776E+07	7.4
		1980	01	SO4 Ion	1.897E+02	1.286E+04	6.776E+07	7.4
	CHEM. WASTE POND	1980	02	Na Ion	6.545E+02	3.057E+03	4.671E+06	---
		1980	02	SO4 Ion	7.238E+03	3.381E+04	4.671E+06	---
	DISP. WELL	1980	02	CLO Ion	2.600E-01	1.900E+01	7.302E+07	7.4
		1980	02	Cl Ion	2.000E-01	1.500E+01	7.302E+07	7.4
		1980	02	K Ion	1.460E+00	1.060E+02	7.302E+07	7.4
		1980	02	Na Ion	1.050E+00	7.700E+01	7.302E+07	7.4
		1980	02	PO4 Ion	2.750E+00	2.000E+02	7.302E+07	7.4
		1980	02	SO4 Ion	2.304E+02	1.682E+04	7.302E+07	7.4
	CHEM. WASTE POND	1980	03	Na Ion	1.014E+03	4.841E+03	4.773E+06	---
		1980	03	SO4 Ion	8.397E+03	4.008E+04	4.773E+06	---
	DISP. WELL	1980	03	CLO Ion	2.900E-01	2.600E+01	8.706E+07	7.7
		1980	03	Cl Ion	2.200E-01	1.900E+01	8.706E+07	7.7
		1980	03	K Ion	2.520E+00	2.190E+02	8.706E+07	7.7

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1980	03	Na Ion	1.840E+00	1.600E+02	8.706E+07	7.7
		1980	03	PO4 Ion	4.480E+00	3.890E+02	8.706E+07	7.7
		1980	03	SO4 Ion	2.906E+02	2.530E+04	8.706E+07	7.7
	CHEM. WASTE POND	1980	04	Na Ion	9.107E+02	3.078E+03	3.380E+06	7.4
		1980	04	SO4 Ion	8.882E+03	3.002E+04	3.380E+06	7.4
	DISP. WELL	1980	04	CLO Ion	2.500E-01	2.000E+01	7.885E+07	---
		1980	04	Cl Ion	2.100E-01	1.600E+01	7.885E+07	---
		1980	04	K Ion	1.900E+00	1.500E+02	7.885E+07	---
		1980	04	Na Ion	1.670E+00	1.320E+02	7.885E+07	---
		1980	04	PO4 Ion	4.600E+00	3.620E+02	7.885E+07	---
		1980	04	SO4 Ion	2.645E+02	2.086E+04	7.885E+07	---
	CHEM. WASTE POND	1980	05	Na Ion	9.337E+02	2.156E+03	2.309E+06	---
		1980	05	SO4 Ion	1.181E+04	2.726E+04	2.309E+06	---
	DISP. WELL	1980	05	CLO Ion	1.700E-01	1.700E+01	9.827E+07	7.5
		1980	05	Cl Ion	1.400E-01	1.400E+01	9.827E+07	7.5
		1980	05	K Ion	6.200E-01	6.100E+01	9.827E+07	7.5
		1980	05	Na Ion	4.800E-01	4.700E+01	9.827E-01	7.5
		1980	05	PO4 Ion	5.060E+00	4.950E+02	9.827E+07	7.5
		1980	05	SO4 Ion	1.256E+02	1.235E+04	9.827E+07	7.5
	CHEM. WASTE POND	1980	06	Na Ion	5.291E+02	2.103E+03	3.975E+06	---
		1980	06	SO4 Ion	5.560E+03	2.210E+04	3.975E+06	---
	DISP. WELL	1980	06	CLO Ion	1.600E-01	2.100E+01	1.309E+08	7.2
		1980	06	Cl Ion	1.300E-01	1.700E+01	1.309E+08	7.2
		1980	06	K Ion	1.220E+00	1.590E+02	1.309E+08	7.2
		1980	06	Na Ion	6.300E-01	8.300E+01	1.309E+08	7.2
		1980	06	PO4 Ion	2.230E+00	2.920E+02	1.309E+08	7.2
		1980	06	SO4 Ion	1.225E+02	1.604E+04	1.309E+08	7.2
	CHEM. WASTE POND	1980	07	Na Ion	6.545E+02	2.101E+03	3.210E+06	---
		1980	07	SO4 Ion	4.599E+02	1.476E+04	3.210E+06	---
	DISP. WELL	1980	07	CLO Ion	5.000E-02	7.000E+00	1.352E+08	8.0
		1980	07	Cl Ion	3.000E-02	5.000E+00	1.352E+08	8.0
		1980	07	SO4 Ion	1.518E+01	2.052E+03	1.352E+08	8.0
	CHEM. WASTE POND	1980	08	Na Ion	4.279E+02	1.673E+03	3.910E+06	---
		1980	08	SO4 Ion	4.396E+03	1.719E+04	3.910E+06	---
	DISP. WELL	1980	08	CLO Ion	4.600E-01	5.600E+01	1.213E+08	7.7
		1980	08	Cl Ion	3.400E-01	4.100E+01	1.213E+08	7.7
		1980	08	K Ion	9.700E-01	1.190E+02	1.213E+08	7.7
		1980	08	Na Ion	3.400E-01	4.100E+01	1.213E+08	7.7
		1980	08	PO4 Ion	2.120E+00	2.570E+02	1.213E+08	7.7
		1980	08	SO4 Ion	9.048E+01	1.098E+04	1.213E+08	7.7
	CHEM. WASTE POND	1980	09	Na Ion	5.847E+02	2.574E+03	4.402E+06	---
		1980	09	SO4 Ion	6.045E+03	2.661E+04	4.402E+06	---
	DISP. WELL	1980	09	CLO Ion	4.200E-01	5.800E+01	1.385E+08	7.0
		1980	09	Cl Ion	3.200E-01	4.400E+01	1.385E+08	7.0
		1980	09	K Ion	1.220E+00	1.690E+02	1.385E+08	7.0

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1980	09	Na Ion	9.200E-01	1.260E+02	1.385E+08	7.0
		1980	09	PO4 Ion	2.650E+00	3.600E+02	1.385E+08	7.0
		1980	09	SO4 Ion	1.242E+02	1.721E+04	1.385E+08	7.0
	CHEM. WASTE POND	1980	10	Na Ion	5.841E+02	1.528E+03	2.616E+06	---
		1980	10	SO4 Ion	7.959E+03	2.082E+04	2.616E+06	---
	DISP. WELL	1980	10	CLO Ion	3.800E-01	3.200E+01	8.589E+07	7.8
		1980	10	Cl Ion	2.800E-01	2.400E+01	8.589E+07	7.8
		1980	10	K Ion	1.310E+00	1.120E+02	8.589E+07	7.8
		1980	10	Na Ion	1.190E+00	1.030E+02	8.589E+07	7.8
		1980	10	PO4 Ion	2.823E+01	2.420E+03	8.589E+07	7.8
		1980	10	SO4 Ion	1.800E+02	1.546E+04	8.589E+07	7.8
	CHEM. WASTE POND	1980	11	Na Ion	6.269E+02	1.761E+03	2.809E+06	---
		1980	11	SO4 Ion	7.722E+03	2.169E+04	2.809E+06	---
	DISP. WELL	1980	11	CLO Ion	2.900E-01	2.400E+01	8.070E+07	7.9
		1980	11	Cl Ion	2.000E-01	1.600E+01	8.070E+07	7.9
		1980	11	K Ion	1.400E+00	1.120E+02	8.070E+07	7.9
		1980	11	Na Ion	1.290E+00	1.030E+02	8.070E+07	7.9
		1980	11	PO4 Ion	3.600E+00	2.900E+02	8.070E+07	7.9
		1980	11	SO4 Ion	2.042E+02	1.648E+04	8.070E+07	7.9
	CHEM. WASTE POND	1980	12	Na Ion	7.312E+02	2.209E+03	3.021E+06	---
		1980	12	SO4 Ion	6.087E+03	1.839E+04	3.021E+06	---
	DISP. WELL	1980	12	CLO Ion	8.000E-02	1.100E+01	1.418E+08	7.8
		1980	12	Cl Ion	6.000E-02	9.000E+00	1.418E+08	7.8
		1980	12	K Ion	9.000E-01	1.280E+02	1.418E+08	7.8
		1980	12	Na Ion	6.100E-01	8.600E+01	1.418E+08	7.8
		1980	12	PO4 Ion	2.000E+00	2.830E+02	1.418E+08	7.8
		1980	12	SO4 Ion	8.183E+01	1.160E+04	1.418E+08	7.8
	CHEM. WASTE POND	1981	01	Na Ion	7.116E+02	2.203E+03	3.096E+06	---
		1981	01	SO4 Ion	8.227E+03	2.547E+04	3.096E+06	---
	DISP. WELL	1981	01	CLO Ion	5.000E-02	4.000E+00	9.187E+07	7.9
		1981	01	Cl Ion	5.000E-02	5.000E+00	9.187E+07	7.9
		1981	01	K Ion	1.150E+00	1.060E+02	9.187E+07	7.9
		1981	01	Na Ion	1.290E+00	1.180E+02	9.187E+07	7.9
		1981	01	SO4 Ion	2.216E+02	2.036E+04	9.187E+07	7.9
	CHEM. WASTE POND	1981	02	Na Ion	9.354E+02	2.404E+03	2.570E+06	---
		1981	02	SO4 Ion	7.459E+03	1.917E+04	2.570E+06	---
	DISP. WELL	1981	02	CLO Ion	2.800E-01	2.000E+01	7.147E+07	---
		1981	02	Cl Ion	2.100E-01	1.500E+01	7.147E+07	---
		1981	02	K Ion	2.100E+00	1.500E+02	7.147E+07	---
		1981	02	Na Ion	1.560E+00	1.120E+02	7.147E+07	---
		1981	02	PO4 Ion	2.320E+02	1.655E+04	7.147E+07	---
		1981	02	SO4 Ion	2.635E+02	1.883E+04	7.147E+07	---
	CHEM. WASTE POND	1981	03	Na Ion	1.231E+03	2.991E+03	2.430E+06	---
		1981	03	SO4 Ion	7.461E+03	1.813E+04	2.430E+06	---
	DISP. WELL	1981	03	CLO Ion	3.200E-01	3.300E+01	1.027E+08	8.1

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1981	03	K Ion	7.300E-01	7.500E+01	1.027E+08	8.1
		1981	03	Na Ion	7.400E-01	7.600E+01	1.027E+08	8.1
		1981	03	PO4 Ion	2.190E+00	2.250E+02	1.027E+08	8.1
		1981	03	SO4 Ion	1.143E+02	1.173E+04	1.027E+08	8.1
	CHEM. WASTE POND	1981	04	Na Ion	7.557E+02	1.939E+03	2.566E+06	---
		1981	04	SO4 Ion	8.542E+03	2.192E+04	2.566E+06	---
	DISP. WELL	1981	04	CLO Ion	2.900E-01	2.400E+01	8.044E+07	7.8
		1981	04	Cl Ion	2.200E-01	1.800E+01	8.044E+07	7.8
		1981	04	K Ion	1.870E+00	1.500E+02	8.044E+07	7.8
		1981	04	Na Ion	1.400E+00	1.120E+02	8.044E+07	7.8
		1981	04	PO4 Ion	3.690E+00	2.970E+02	8.044E+07	7.8
		1981	04	SO4 Ion	2.141E+02	1.722E+04	8.044E+07	7.8
	CHEM. WASTE POND	1981	05	Na Ion	7.221E+02	2.411E+03	3.339E+06	---
		1981	05	SO4 Ion	7.993E+03	2.669E+04	3.339E+06	---
	DISP. WELL	1981	05	CLO Ion	2.400E-01	2.100E+01	8.638E+07	7.7
		1981	05	Cl Ion	1.900E-01	1.600E+01	8.638E+07	7.7
		1981	05	K Ion	2.170E+00	1.880E+02	8.638E+07	7.7
		1981	05	Na Ion	1.390E+00	1.200E+02	8.638E+07	7.7
		1981	05	PO4 Ion	4.510E+00	3.890E+02	8.638E+07	7.7
		1981	05	SO4 Ion	2.931E+02	2.532E+04	8.638E+07	7.7
	CHEM. WASTE POND	1981	06	Na Ion	7.086E+02	1.765E+03	2.491E+06	---
		1981	06	SO4 Ion	6.419E+03	1.599E+04	2.491E+06	---
	DISP. WELL	1981	06	CLO Ion	8.000E-02	7.000E+00	8.608E+07	8.6
		1981	06	Cl Ion	8.000E-02	6.900E+00	8.608E+07	8.6
		1981	06	K Ion	1.330E+00	1.150E+02	8.608E+07	8.6
		1981	06	Na Ion	1.190E+00	1.020E+02	8.608E+07	8.6
		1981	06	PO4 Ion	2.780E+00	2.390E+02	8.608E+07	8.6
		1981	06	SO4 Ion	1.919E+02	1.652E+04	8.608E+07	8.6
	CHEM. WASTE POND	1981	07	Na Ion	1.303E+03	3.082E+03	2.366E+06	---
		1981	07	SO4 Ion	7.811E+03	1.848E+04	2.366E+06	---
	DISP. WELL	1981	07	CLO Ion	3.300E-01	2.700E+01	8.203E+07	8.7
		1981	07	Cl Ion	2.400E-01	2.000E+01	8.203E+07	8.7
		1981	07	K Ion	5.300E-01	4.300E+01	8.203E+07	8.7
		1981	07	Na Ion	5.200E-01	4.300E+01	8.203E+07	8.7
		1981	07	PO4 Ion	5.180E+00	4.250E+02	8.203E+07	8.7
		1981	07	SO4 Ion	2.674E+02	2.194E+04	8.203E+07	8.7
	CHEM. WASTE POND	1981	08	Na Ion	1.300E+03	4.581E+03	3.524E+06	---
		1981	08	SO4 Ion	7.310E+03	2.576E+04	3.524E+06	---
	DISP. WELL	1981	08	CLO Ion	3.300E-01	2.400E+01	7.177E+07	8.6
		1981	08	Cl Ion	2.500E-01	1.800E+01	7.177E+07	8.6
		1981	08	K Ion	8.000E-01	5.700E+01	7.177E+07	8.6
		1981	08	Na Ion	1.240E+00	8.900E+01	7.177E+07	8.6
		1981	08	PO4 Ion	8.820E+00	6.330E+02	7.177E+07	8.6
		1981	08	SO4 Ion	3.816E+02	2.738E+04	7.177E+07	8.6
	CHEM. WASTE POND	1981	09	Na Ion	1.088E+03	3.399E+03	3.123E+06	---

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well;and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1981	09	SO4 Ion	7.733E+03	2.415E+04	3.123E+06	---
	DISP. WELL	1981	09	CLO Ion	5.800E-01	4.100E+01	7.033E+07	8.5
		1981	09	Cl Ion	4.300E-01	3.000E+01	7.033E+07	8.5
		1981	09	K Ion	4.600E-01	3.300E+01	7.033E+07	8.5
		1981	09	Na Ion	7.300E-01	5.100E+01	7.033E+07	8.5
		1981	09	PO4 Ion	6.030E+00	4.240E+02	7.033E+07	8.5
		1981	09	SO4 Ion	2.264E+02	1.593E+04	7.033E+07	8.5
	CHEM. WASTE POND	1981	10	Na Ion	1.309E+03	5.411E+03	4.134E+06	---
		1981	10	SO4 Ion	7.816E+03	3.231E+04	4.134E+06	---
	DISP. WELL	1981	10	CLO Ion	6.600E-01	3.800E+01	5.765E+07	8.9
		1981	10	Cl Ion	5.000E-01	2.900E+01	5.765E+07	8.9
		1981	10	K Ion	6.400E-01	3.700E+01	5.765E+07	8.9
		1981	10	Na Ion	1.000E+00	5.800E+01	5.765E+07	8.9
		1981	10	PO4 Ion	6.430E+00	3.700E+02	5.765E+07	8.9
		1981	10	SO4 Ion	3.629E+02	2.092E+04	5.765E+07	8.9
	CHEM. WASTE POND	1981	11	Na Ion	1.208E+03	3.572E+03	2.956E+06	---
		1981	11	SO4 Ion	7.608E+03	2.249E+04	2.956E+06	---
	COLD WASTE POND	1981	11	CLO Ion	7.900E-01	2.000E+00	2.536E+06	8.3
		1981	11	Cl Ion	3.900E-01	1.000E+00	2.536E+06	8.3
		1981	11	K Ion	7.900E-01	2.000E+00	2.536E+06	8.3
		1981	11	Na Ion	1.580E+00	4.000E+00	2.536E+06	8.3
		1981	11	PO4 Ion	1.104E+01	2.800E+01	2.536E+06	8.3
		1981	11	SO4 Ion	6.065E+03	1.538E+04	2.536E+06	8.3
	DISP. WELL	1981	11	CLO Ion	6.500E-01	2.000E+01	3.082E+07	8.3
		1981	11	Cl Ion	4.900E-01	1.500E+04	3.082E+07	8.3
		1981	11	K Ion	9.800E-01	3.000E+01	3.082E+07	8.3
		1981	11	Na Ion	1.530E+00	4.700E+01	3.082E+07	8.3
		1981	11	PO4 Ion	1.079E+01	3.330E+02	3.082E+07	8.3
		1981	11	SO4 Ion	6.061E+02	1.868E+04	3.082E+07	8.3
	CHEM. WASTE POND	1981	12	Na Ion	1.323E+03	4.067E+03	3.074E+06	---
		1981	12	SO4 Ion	7.489E+03	2.302E+04	3.074E+06	---
	DISP. WELL	1981	12	CLO Ion	1.900E-01	1.600E+01	8.305E+07	8.7
		1981	12	Cl Ion	1.600E-01	1.400E+01	8.305E+07	8.7
		1981	12	K Ion	2.000E-01	1.600E+01	8.305E+07	8.7
		1981	12	Na Ion	3.100E-01	2.500E+01	8.305E+07	8.7
		1981	12	PO4 Ion	3.937E+00	3.270E+02	8.305E+07	8.7
		1981	12	SO4 Ion	1.098E+02	9.117E+03	8.305E+07	8.7
	CHEM. WASTE POND	1982	01	Na Ion	5.639E+02	2.395E+03	4.247E+06	---
		1982	01	SO4 Ion	8.189E+03	3.478E+04	4.247E+06	---
	DISP. WELL	1982	01	CLO Ion	5.800E-01	2.600E+01	4.421E+07	8.2
		1982	01	Cl Ion	2.110E+00	9.300E+01	4.421E+07	8.2
		1982	01	K Ion	7.400E-01	3.300E+01	4.421E+07	8.2
		1982	01	Na Ion	2.240E+00	9.900E+01	4.421E+07	8.2
		1982	01	SO4 Ion	4.497E+02	1.988E+04	4.421E+07	8.2
	CHEM. WASTE POND	1982	02	Na Ion	1.025E+03	3.258E+03	3.180E+06	---
		1982	02	SO4 Ion	8.704E+03	2.768E+04	3.180E+06	---

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; P04 Ion, phosphate; S04 Ion, sulfate; N03 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA	DISP. WELL	1982	02	CLO Ion	2.900E-01	2.300E-01	7.915E+07	8.3
		1982	02	Cl Ion	4.700E-01	3.700E+01	7.915E+07	8.3
		1982	02	Na Ion	4.800E-01	3.800E+01	7.915E+07	8.3
		1982	02	P04 Ion	4.100E+00	3.250E+02	7.915E+07	8.3
		1982	02	S04 Ion	1.754E+02	1.388E+04	7.915E+07	8.3
	CHEM. WASTE POND	1982	03	Na Ion	7.760E+02	2.033E+03	2.620E+06	---
		1982	03	S04 Ion	1.120E+04	2.935E+04	2.620E+06	---
	COLD WASTE POND	1982	03	CLO Ion	1.120E+00	5.600E+01	5.019E+07	7.8
		1982	03	Cl Ion	1.080E+00	5.400E+01	5.019E+07	7.8
		1982	03	K Ion	3.000E-01	1.500E+01	5.019E+07	7.8
		1982	03	Na Ion	6.400E-01	3.200E+01	5.019E+07	7.8
		1982	03	P04 Ion	7.770E+00	3.900E+02	5.019E+07	7.8
		1982	03	S04 Ion	2.132E+02	1.070E+04	5.019E+07	7.8
	DISP. WELL	1982	03	CLO Ion	2.700E-01	5.000E+00	1.792E+07	7.8
		1982	03	Cl Ion	4.900E-01	9.000E+00	1.792E+07	7.8
		1982	03	K Ion	3.000E-01	5.000E+00	1.792E+07	7.8
		1982	03	Na Ion	6.600E-01	1.200E+01	1.792E+07	7.8
		1982	03	P04 Ion	5.880E+00	1.050E+02	1.792E+07	7.8
		1982	03	S04 Ion	2.141E+02	3.838E+03	1.792E+07	7.8
	CHEM. WASTE POND	1982	04	Na Ion	8.642E+02	3.795E+03	4.391E+06	---
		1982	04	S04 Ion	9.635E+03	4.231E+04	4.391E+06	---
	COLD WASTE POND	1982	04	CLO Ion	2.800E-01	2.700E+01	9.804E+07	8.5
		1982	04	Cl Ion	4.500E-01	4.400E+01	9.804E+07	8.5
		1982	04	K Ion	3.000E-01	2.900E+01	9.804E+07	8.5
		1982	04	Na Ion	6.200E-01	6.100E+01	9.804E+07	8.5
		1982	04	P04 Ion	3.920E+00	3.840E+02	9.804E+07	8.5
		1982	04	SD4 Ion	1.946E+02	1.908E+04	9.804E+07	8.5
	CHEM. WASTE POND	1982	05	Na Ion	7.597E+02	2.090E+03	2.751E+06	---
		1982	05	S04 Ion	9.589E+03	2.638E+04	2.751E+06	---
	COLD WASTE POND	1982	05	CLO Ion	2.000E-01	1.000E+01	5.103E+07	8.1
		1982	05	Cl Ion	6.500E-01	3.300E+01	5.103E+07	8.1
		1982	05	K Ion	3.200E-01	1.600E+01	5.103E+07	8.1
		1982	05	Na Ion	8.200E-01	4.200E+01	5.103E+07	8.1
		1982	05	P04 Ion	3.898E+02	3.010E+02	5.103E+07	8.1
		1982	05	S04 Ion	1.889E+02	9.641E+03	5.103E+07	8.1
	CHEM. WASTE POND	1982	06	Na Ion	1.140E+03	2.793E+03	2.450E+06	---
		1982	06	S04 Ion	1.157E+04	2.835E+04	2.450E+06	---
	COLD WASTE POND	1982	06	CLO Ion	1.800E-01	1.200E+01	6.518E+07	8.1
		1982	06	Cl Ion	4.300E-01	2.800E+01	6.518E+07	8.1
		1982	06	K Ion	3.100E-01	2.000E+01	6.581E+07	8.1
		1982	06	Na Ion	6.900E-01	4.500E+01	6.518E+07	8.1
		1982	06	P04 Ion	5.550E+00	3.620E+02	6.518E+07	8.1
		1982	06	S04 Ion	3.154E+02	2.05cE+04	6.518E+07	8.1
	CHEM. WASTE POND	1982	07	Na Ion	5.605E+02	1.766E+03	3.151E+06	---
		1982	07	S04 Ion	9.832E+03	3.098E+04	3.151E+06	---
	COLD WASTE POND	1982	07	CLO Ion	4.400E-01	3.900E+01	8.846E+07	8.4

Table 4.--Aqueous industrial-waste disposal at the Idaho National Engineering Laboratory, 1977-1982 monthly totals--continued

(Abbreviations: Disposal Site-Location and names of facilities are shown on figure 2. Release point: DISP. WELL, disposal well; and CHEM. WASTE POND, chemical waste pond. Substance ident, substance identifier: CLO Ion, hypochlorite; Cl Ion, chloride; Na Ion, sodium; Ca Ion, calcium; PO4 Ion, phosphate, SO4 Ion, sulfate; NO3 Ion, nitrate; and K Ion, potassium. Concentration (mg/L), concentration in milligrams per liter. Weight (Kg), weight in kilograms. Volume (L) volume in liters.)

Disp_site	Release_point	Year	Month	Substance_ident	Concentration(mg/L)	Weight(Kg)	Volume(L)	pH
TRA		1982	07	Cl Ion	6.000E-01	5.300E+01	8.846E+07	8.4
		1982	07	K Ion	2.300E-01	2.000E+01	8.846E+07	8.4
		1982	07	Na Ion	5.400E-01	4.300E+01	8.846E+07	8.4
		1982	07	PO4 Ion	6.560E+00	5.800E+02	8.846E+07	8.4
		1982	07	SO4 Ion	2.663E+02	2.356E+04	8.846E+07	8.4
	CHEM. WASTE POND	1982	08	Na Ion	7.072E+02	1.256E+03	1.776E+06	---
		1982	08	SO4 Ion	1.060E+04	1.894E+04	1.776E+06	---
	COLD WASTE POND	1982	08	CLO Ion	2.000E-01	1.600E+01	8.165E+07	8.5
		1982	08	Cl Ion	3.900E-01	3.200E+01	8.165E+07	8.5
		1982	08	K Ion	2.000E-01	1.600E+01	8.165E+07	8.5
		1982	08	Na Ion	4.700E-01	3.800E+01	8.165E+07	8.5
		1982	08	SO4 Ion	1.982E+02	1.619E+04	8.165E+07	8.5
	CHEM. WASTE POND	1982	09	Na Ion	6.211E+02	1.231E+03	1.982E+06	---
		1982	09	SO4 Ion	1.044E+04	2.069E+04	1.982E+06	---
	COLD WASTE POND	1982	09	CLO Ion	2.100E-01	1.600E+01	7.673E+07	8.4
		1982	09	Cl Ion	4.000E-01	3.100E+01	7.673E+07	8.4
		1982	09	K Ion	3.100E-01	2.400E+01	7.673E+07	8.4
		1982	09	Na Ion	6.600E-01	5.100E+01	7.673E+07	8.4
		1982	09	PO4 Ion	4.280E+00	3.280E+02	7.673E+07	8.4
		1982	09	SO4 Ion	2.281E+02	1.751E+04	7.673E+07	8.4
	CHEM. WASTE POND	1982	10	Na Ion	7.587E+02	2.082E+03	2.744E+06	---
		1982	10	SO4 Ion	5.324E+03	1.461E+04	2.744E+06	---
	COLD WASTE POND	1982	10	CLO Ion	1.400E-01	1.500E+01	1.090E+08	7.7
		1982	10	Cl Ion	3.400E-01	3.700E+01	1.090E+08	7.7
		1982	10	K Ion	2.000E-01	2.200E+01	1.090E+08	7.7
		1982	10	Na Ion	4.600E-01	5.000E+01	1.090E+08	7.7
		1982	10	PO4 Ion	3.480E+00	3.790E+02	1.090E+08	7.7
		1982	10	SO4 Ion	1.440E+02	1.569E+04	1.090E+08	7.7
	CHEM. WASTE POND	1982	11	Na Ion	6.044E+02	1.106E+03	1.830E+06	---
		1982	11	SO4 Ion	1.167E+04	2.136E+04	1.830E+06	---
	COLD WASTE POND	1982	11	CLO Ion	4.600E-01	2.900E+01	6.276E+07	7.8
		1982	11	Cl Ion	6.400E-01	4.000E+01	6.276E+07	7.8
		1982	11	K Ion	5.400E-01	3.400E+01	6.276E+07	7.8
		1982	11	Na Ion	1.050E+00	6.600E+01	6.276E+07	7.8
		1982	11	PO4 Ion	7.240E+00	4.540E+02	6.276E+07	7.8
		1982	11	SO4 Ion	3.231E+02	2.028E+04	6.276E+07	7.8
	CHEM. WASTE POND	1982	12	Na Ion	8.066E+02	1.981E+03	2.456E+06	---
		1982	12	SO4 Ion	9.748E+03	2.394E+04	2.456E+06	---
	COLD WASTE POND	1982	12	CLO Ion	1.400E-01	1.200E+01	8.532E+07	8.5
		1982	12	Cl Ion	4.000E-01	3.400E+01	8.532E+07	8.5
		1982	12	K Ion	2.700E-01	2.300E+01	8.532E+07	8.5
		1982	12	Na Ion	6.100E-01	5.200E+01	8.532E+07	8.5
		1982	12	PO4 Ion	4.750E+00	4.050E+02	8.532E+07	8.5
		1982	12	SO4 Ion	2.357E+02	2.011E+04	8.532E+07	8.5