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SUMMARY OF REPORTED WATER-USE DATA IN ALASKA, 1994

by

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Division of Mining & Water Management
Alaska Hydrologic Survey

In cooperation with the
U.S. Geological Survey

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by
Roy Ireland and Mary A. Maurer¹

ABSTRACT

This report presents site-specific water use data reported from **194** active water sources in Alaska for calendar year 1994. This is an increase of **13** water sources over 1993. The total reported water use for 1994 was **398,396** Mgal. A comparison of these data with USGS's 1990 estimated water-use data indicate that about **53** percent of fresh water use in Alaska is presently reported.

INTRODUCTION

The Alaska Water-Use Data System (AKWUDS) is a statewide water-use database operated by the Alaska Department of Natural Resources (ADNR), Division of Mining and Water Management (DMWM) Alaska Hydrologic Survey (AHS) in cooperation with the U.S. Geological Survey (USGS).

The AKWUDS program was developed to provide necessary water resource information for natural resource and economic development for the State and its citizens. This program provides state and federal agencies, local communities, and the private sector with information to make decisions about water related and water-development projects. The ADNR DMWM authorizes the use of water by issuing a permit to appropriate water or a water right certificate of appropriation, in accordance with the Alaska Water Use Act (AS 46.15.010-270). Water-use data is also used by DMWM to describe, analyze, and interpret hydrologic conditions of surface-water and ground-water resources throughout the State.

The objectives of the AKWUDS program are to: 1) establish, operate, and maintain a statewide site-specific water-use database for most types of water use in Alaska; 2) to coordinate with other water-use databases; 3) to track water-use trends, and 4) to publish an annual water-use data report.

Financial constraints have dictated that this be the final publication in the series of water-use data reports produced by the DMWM, even though data collection will continue as in the past. The series may be revived at some future date.

This report presents site-specific water-use data for calendar year 1994. The methods used to access, acquire, and store water-use data are described.

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LOCATION OF WATER-USE DATA

Most water-use data in Alaska are obtained through the water-rights system which is administered by the DMWM. Numerous water users are required to submit water-use data as a condition of their water-use permits or certificates. The DMWM maintains computer files of all water-rights holders on a Land Administration System (LAS) database. The water-rights and water-use subsystems form part of numerous LAS databases. Certain users are not required to submit water-use data once a water-rights certificate has been issued. They are included in this report because they have been included in prior annual water-use reports or are of specific interest to the State.

Other sources of water-use data exist, but are not included in the report at this time. As the program grows, these sources will be reviewed more closely for possible inclusion into the report. This process would depend on both the fiscal environment and time allocations. Several of these sources are briefly discussed below.

The DMWM has water-use estimates for approximately 500 active State placer mining operations. Annual placer mining applications are entered into the LAS database and reviewed by water managers for water-rights issuance. Mining water-use information and data are available on water-rights applications and permits maintained at DMWM offices in Juneau, Anchorage, Fairbanks and Palmer. Water-use data are available from other state agencies as well. The Alaska Oil and Gas Conservation Commission (AOGCC) Bulletin is a monthly publication which summarizes oil, gas, and water production (including injection wells) by the oil and gas industry in Alaska. The Alaska Energy Authority maintains manual files of water use for the hydroelectric facilities in Alaska.

Water-use data are also available from several federal agencies. Summaries of reported and estimated water use in Alaska are published at 5-year intervals by the U.S. Geological Survey (Solley and others, 1983; 1988; 1993). The reports list Alaska's offstream and instream water use. In a few instances water discharge by hydroelectric facilities is reported in the U.S. Geological Survey's annual report entitled "Water Resources Data - Alaska". Water-use data are also available in manual files at the office of the U.S. Department of Energy, Alaska Power Administration.

DATA COLLECTION METHODS

Water-use is most commonly quantified by the use of water meters, weir techniques, pumping rate and time measurements, and reservoir level-change calculations. Data are usually collected at well heads or at inlets or outlets of storage tanks, or water or wastewater treatment facilities. Water use is most commonly recorded and reported monthly. Some public-water suppliers report seasonal water use even though the system is used year-round. Daily, quarterly, semi-annual, or annual data are also submitted by water users.

Although DMWM water managers occasionally perform field investigations, on-site verification of water-users' data collection procedures does not normally occur. Water meters are commonly uncalibrated at the installations, especially in smaller communities. Leaky water-supply lines also exist. Many of the water users with severe leakage problems are, again, smaller communities with inadequate funding for maintenance of shallow-buried water supply lines that are subject to freezing and bursting, or other stress.

DATA ACQUISITION

The main source of water-use data is the information supplied by water-rights permittees and/or certificate holders using 30,000 gallons per day (gal/d) or more. Since water-rights permittees and/or certificate holders using between 500 gal/d and 30,000 gal/d of water may be required to submit water-use records, at the discretion of the adjudicator (Petrik, 1990), this information is also available as a source of water-use data. Single homes, assumed to use less than 500 gal/d, are not required to report and are not included in the water-use database. The ADNRR produces a monthly printout which lists permitted and/or certified water rights holders that are required to submit water-use data. This printout is used to determine which of these applicants would have water-use records available.

Questionnaire packets, requesting voluntary submittal of information on the type and location of water sources, are sent directly to selected water users. Selection is based on whether: they have received questionnaires in previous years; they are a community with its own public water supply system; or, they are in an area of hydrologic interest to the state. Telephone inquiries may be used to obtain missing data and fill important data gaps.

DATA STORAGE

Prior to 1990, AKWUDS data was entered and maintained in a separate work area of the LAS database. The LAS system proved to be too slow for database retrievals and manipulations of this type. A personal computer (PC) system has since replaced the LAS system for AKWUDS water-use data storage and retrieval. The present PC computer system uses commercially available dBASE software to calculate and store the following water-use data: facility name, water source, total water use, days of use, rate of use, water rights file number, public water-supply inventory (PWSI) number assigned by the Alaska Department of Environmental Conservation (ADEC), and a Standard Industrial Classification (SIC) code of the U.S. Office of Management and Budget. The SIC codes are primarily used to classify different types of business activities (U.S. Office of Management and Budget, 1987).

RESULTS AND DISCUSSION

Reported 1994 fresh water-use figures listed in Table 1 and the appendices are extended to three decimal places to facilitate the calculation of percentages; however, in the text the figures are rounded to the nearest million gallons (Mgal). Actual water-use is shown in Appendices A through E.

TABLE 1. Types of reported fresh water use in Alaska, 1994.

SIC Code	Type of Water Use	Number of Sources	Total Water Use (Mgal)	Percentage of Total Water Use
139	Agricultural Crops	1	17.521	0.00437%
921	Aquaculture	6	15,576.021	3.88741%
1311	Crude Petroleum & Natural Gas	45	493.413	0.12314%
2092	Fresh and Frozen Seafood	5	90.989	0.02271%
2873	Nitrogenous Fertilizers	3	969.958	0.24208%
2911	Petroleum Refining	2	155.118	0.03871%
4463	Marine Cargo Handling	1	32.319	0.00807%
4583	Airport Terminal Services	2	17.038	0.00425%
4812	Crude Petroleum Pipeline	2	68.614	0.01712%
4911	Hydroelectric Power Generation	12	360,730.140	90.02980%
4941	Public Water Supply	102	20,137.427	5.02583%
6512	Non-Resident. Bldg. Operations	1	1.004	0.00025%
7542	Carwash	1	0.789	0.00020%
7999	Amusement & Recreation Service	1	20.780	0.00519%
8211	Secondary School	2	4.328	0.00108%
8221	Colleges & Universities	6	77.566	0.01936%
9223	Public Safety	1	3.222	0.00080%
9711	National Security	1	0.025	0.00001%
		194	398,396.272	100.000%

Total reported fresh water use in 1994 was **398,396** Mgal (Table 1), an increase of **13,833** Mgal over 1993. USGS has estimated total fresh water use in Alaska to be 757,010 Mgal for offstream and instream water uses during 1990 (Solley, 1993). Assuming that water use has not changed significantly between 1990 and 1994, about **53** percent of all water use in Alaska is reported. Consequently, water use in all categories is greater than listed in this report.

This report includes both offstream and instream use of fresh water. Offstream use may be described as diversionary, or 'out-of-stream' use (National Water Summary, 1987) inasmuch as the water is withdrawn (diverted) from a stream or pumped from a well and then transported to the place of use. In the process, the quantity of water available in the stream, below the point of use, or remaining in the aquifer, after pumping, is reduced. In contrast, instream use does not diminish the quantity of water available for use (or reuse); however, the quality of the water may be changed (for example, the temperature may be changed). Depending on circumstances and local conditions, a portion of the water used offstream may be returned to its source, or to another source of water, but may be of

reduced quality (changed chemical content, thermal characteristics or potential energy, etc). Consumptive use is a special class of offstream use in that water is effectively removed from further use. Salt water use is not dealt with in this report; however, its use is instream for the most part.

Fresh water use in Alaska is diverse, and includes hydroelectric power generation, public water supply, aquaculture, mining, commerce and industry, domestic purposes and governmental uses.

Hydroelectric power generation, an instream use, is the largest reported water use in Alaska in 1994. Total water use for hydroelectric power generation was **360,730** Mgal. This represents **90** percent of total water use. Hydroelectric water usage varies seasonally as a result of lower summer and higher winter electrical demand patterns. Some hydroelectric facilities, notably those in Southeast Alaska, did not report their water use.

Public-water supply, an offstream use, is the second largest but most frequently reported use of water in 1994. Total reported water use for public-water supply was **20,137** Mgal, representing **5** percent of total water use. Public-water supply had **102** of the **194** sources (**53** percent) in 1994, an decrease of **2** sources over 1993. These figures reflect reporting requirements and efforts by AKWUDS personnel to obtain data on public-water systems.

Aquaculture is the third largest reported use of water in 1994, and consists of both offstream and instream use. Total reported water use for aquaculture was **15,576** Mgal, representing **3.9** percent of total water use. Crude petroleum and natural gas development, fresh and frozen seafood processing, chemical refining, petroleum refining, university and secondary schools, and other users represent less than 1 percent of total reported water use in 1994.

Mining is a special circumstance in that water is initially withdrawn consumptively and then the water is continuously reused. This reuse is unmeasured and unreported. The chemical industry is the remaining significant user of water, either offstream or instream.

A summary of water-use data for each facility and water source, arranged by facility, is presented in Appendix A. Appendix B is water-use data arranged by SIC code and facility name. Total water use in million gallons, water use in acre feet, and days of use are shown for eighteen SIC code groups.

Appendix C summarizes 1994 water-use for the major public-water suppliers in the three largest cities in Alaska: Anchorage, Fairbanks, and Juneau. This is not a complete listing of all public-water systems in these cities. The total reported water use in the Municipality of Anchorage (MOA) was 11,128 Mgal. Public water systems in the MOA supplied approximately 8,595 Mgal (77 percent) of water from surface-water sources and 2,533 Mgal (23 percent) from ground-water sources. The City of Fairbanks and the City and Borough of Juneau used a similar amount of water in 1994. The City of Fairbanks

used 1,675 Mgal of water from ground-water sources exclusively. The City and Borough of Juneau used 1776 Mgal, of which 1724 Mgal (97 percent) was from ground-water sources and 52 Mgal was from surface-water sources.

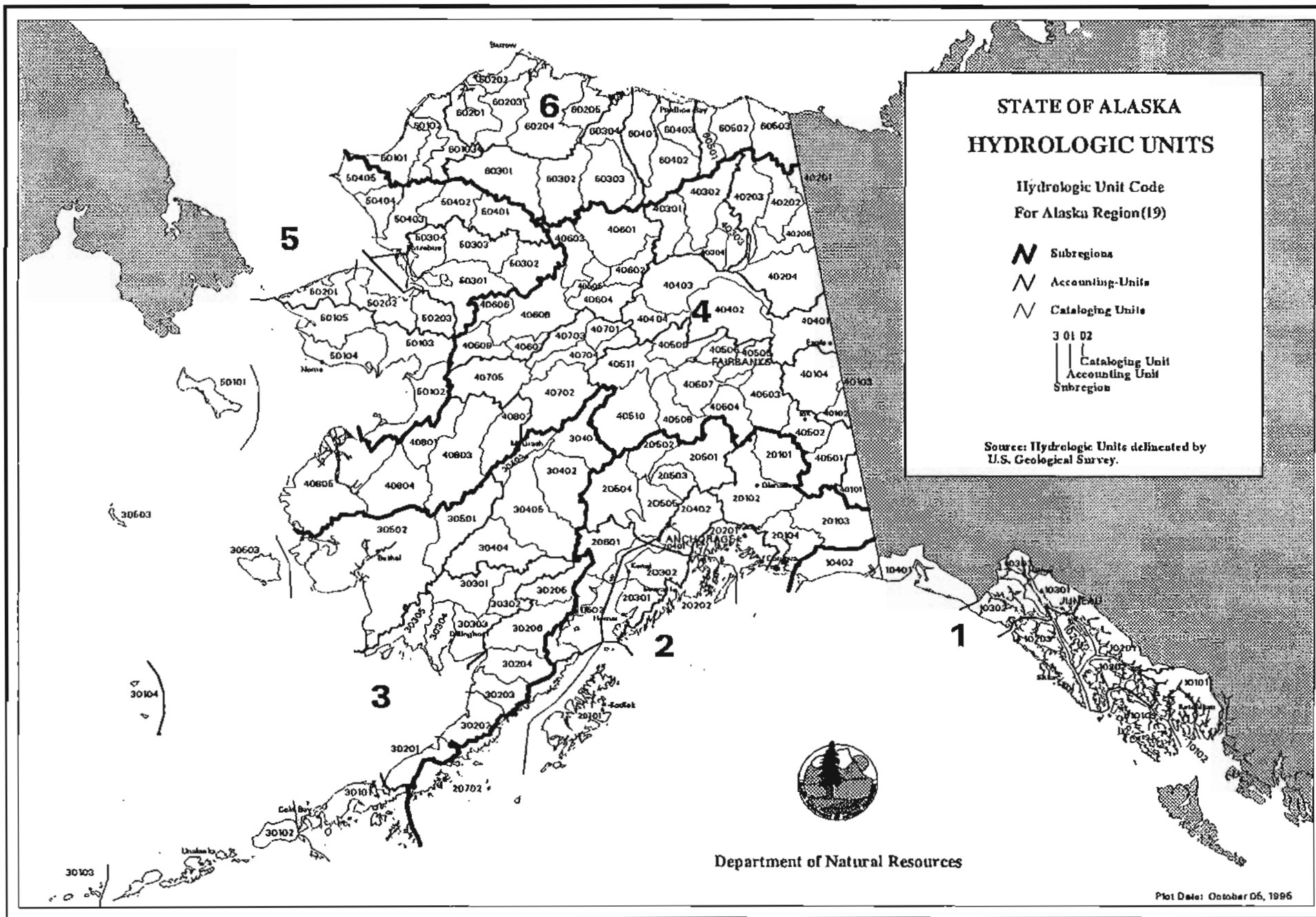
Appendix D shows 1994 water-use data according to hydrologic unit code (U.S. Geological Survey, 1987). The hydrologic unit code provides a geographical framework for more detailed water and related land-use planning. Appendix E shows water-use data according to Alaska boroughs, census areas and population served (Alaska Department of Labor, 1993). Appendix F is a listing of file numbers, facility names, and water sources for cross-referencing data. Appendix G is a partial listing of SIC codes which are included in the AKWUDS database to classify the type of water use. The SIC codes are assigned by DMWM water managers when processing water-rights applications and permits.

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Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
ARCO Alaska, Inc. (Kuparuk Riv	3 Mile Lake	LAS	2498	0.376	89	0.004	1311
ARCO Alaska, Inc. (Kuparuk Riv	91-16	LAS	18597	0.416	31	0.013	1311
ARCO Alaska, Inc. (Kuparuk Riv	B-Pit	LAS	2764	0.001	30	0.000	1311
ARCO Alaska, Inc. (Kuparuk Riv	CPF-2 Reservoir/Lake	LAS	2762	7.240	365	0.020	1311
ARCO Alaska, Inc. (Kuparuk Riv	CPF1 Reservoir (Mine Site C)	LAS	400793	34.336	365	0.094	1311
ARCO Alaska, Inc. (Kuparuk Riv	D Pit	LAS	14396	6.580	121	0.054	1311
ARCO Alaska, Inc. (Kuparuk Riv	Mine Site D	LAS	14396	0.405	61	0.007	1311
				49.354			
ARCO Alaska, Inc. (Prudhoe Bay	Not Disclosed	LAS	12176	0.363	92	0.004	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12186	0.071	62	0.001	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12182	0.056	31	0.002	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12183	0.155	61	0.003	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12181	0.194	62	0.003	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12180	0.183	62	0.003	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12173	0.342	92	0.004	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12184	0.396	92	0.004	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12172	0.471	92	0.005	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12187	0.197	31	0.006	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12166	1.320	184	0.007	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12178	0.695	92	0.008	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12179	0.545	62	0.009	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12167	1.259	92	0.014	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12169	2.236	92	0.024	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12170	3.497	123	0.028	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12177	5.605	122	0.046	1311
ARCO Alaska, Inc. (Prudhoe Bay	Not disclosed	LAS	12175	5.722	123	0.047	1311
ARCO Alaska, Inc. (Prudhoe Bay	Pingo Lake	LAS	12188	3.344	150	0.022	1311
ARCO Alaska, Inc. (Prudhoe Bay	Unnamed Lake	LAS	12168	0.594	92	0.006	1311
ARCO Alaska, Inc. (Prudhoe Bay	Unnamed Lake	LAS	12174	0.555	61	0.009	1311
ARCO Alaska, Inc. (Prudhoe Bay	Webster Reservoir	ADL	67781	78.725	365	0.216	1311
				106.525			

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(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Alaska Dept. of Fish & Game	Ft Richardson Hatchery, well 9	LAS 12263		236.520	365	0.648	921
Alaska Dept. of Fish & Game	Pillar Creek Hatchery, reservo	LAS 7247		374.600	365	1.026	921
Alaska Dept. of Fish & Game	Pillar Creek Hatchery, well	LAS 11794		66.000	101	0.653	921
Alaska Dept. of Fish & Game	Trail Lakes Hatchery, 6 wells	ADL 201554		0.000	0	0.000	921
				<u>677.120</u>			
Alaska Electric Light & Power	Lower Salmon Creek	ADL 45780		12,210.940	365	33.455	4911
				<u>12,210.940</u>			
Alaska Energy Authority	Bradley Lake Hydro Generation	LAS 2836	244654 C	129,815.128	365	355.658	4911
Alaska Energy Authority	Solomon Gulch Hydro Generation	ADL 67278	292666 C	32,275.053	365	88.425	4911
Alaska Energy Authority	Swan Lake Hydro Generation	ADL 100113		103,008.148	365	282.214	4911
Alaska Energy Authority	Terror Lake Hydro Generation	ADL 201559	250231 C	29,331.055	335	87.555	4911
Alaska Energy Authority	Tyee Lake Hydro Generation	ADL 100887	121400 C	14,878.868	365	40.764	4911
				<u>309,308.252</u>			
Alaska Power & Telephone Co.	Dewey Lake Hydro Generation	LAS 12268		3,058.269	365	8.379	4911
				<u>3,058.269</u>			
Aleut Corp. - Midtown Estates	Well #1	LAS 2184	227204 A	0.062	364	0.000	4941
Aleut Corp. - Midtown Estates	Well #2	LAS 2183	227204 A	5.346	364	0.015	4941
				<u>5.408</u>			
Alyeska Pipeline Service Co.	Allison Creek	LAS 11813	291944 B	61.608	365	0.169	4612
Alyeska Pipeline Service Co.	Well	LAS 13791		7.006	365	0.019	4612
				<u>68.614</u>			

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(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Anchor Point Safe Water Corp.	Main Well, 19'	LAS 12765	247490 A	2.526	365	0.007	4941
				<u>2.526</u>			
Anchorage School District	Ravenwood Well	LAS 636	213904 A	0.532	365	0.001	8211
				<u>0.532</u>			
Anchorage Water & Wastewater U	Eagle River #4, Eagle River Ht	ADL 51573		7.185	365	0.020	4941
Anchorage Water & Wastewater U	Eagle River #8, Eagle Crest	ADL 209828		0.727	365	0.002	4941
Anchorage Water & Wastewater U	Eklutna Lake	LAS 2569		3,771.456	365	10.333	4941
Anchorage Water & Wastewater U	Girdwood Wells	ADL 44626		46.840	365	0.128	4941
Anchorage Water & Wastewater U	Ship Creek	LAS 1051	210906 A	3,428.109	365	9.392	4941
Anchorage Water & Wastewater U	Well # 3, 3rd Ave.	ADL 44626	210930 C	26.064	303	0.086	4941
Anchorage Water & Wastewater U	Well # 4, Commercial Drive	ADL 44626	210948 C	67.784	303	0.224	4941
Anchorage Water & Wastewater U	Well # 7, 40th Ave. & Denali S	ADL 65787	210956 C	491.289	365	1.346	4941
Anchorage Water & Wastewater U	Well # 9, Centennial Park	ADL 67201	210972 C	19.843	337	0.059	4941
Anchorage Water & Wastewater U	Well #10A, Chugach Foothills	ADL 54850	210980 C	463.017	365	1.269	4941
Anchorage Water & Wastewater U	Well #11B, Chugach Foothills	ADL 54850		420.142	365	1.151	4941
Anchorage Water & Wastewater U	Well #12, 40th Ave. & B St.	ADL 202997		329.288	335	0.983	4941
Anchorage Water & Wastewater U	Well #13, Spruce and E. 64th S	LAS 246		235.399	365	0.645	4941
Anchorage Water & Wastewater U	Well #20, Creekside Park	ADL 50906		1.285	153	0.008	4941
Anchorage Water & Wastewater U	Well #25, Military #1	ADL 62222		40.752	334	0.122	4941
Anchorage Water & Wastewater U	Well #29, Service Hanshew H.S.	ADL 201920	210087 A	13.696	365	0.038	4941
Anchorage Water & Wastewater U	Well #31, Huffman Hills	ADL 203956		11.781	243	0.048	4941
Anchorage Water & Wastewater U	Well #35, ALAGCO	ADL 201555		11.151	365	0.031	4941
				<u>9,385.808</u>			
B & J Ventures, Inc.	Well, Snowshoe West	LAS 780	213352 A	2.749	365	0.008	4941
				<u>2.749</u>			
British Petroleum	16 Shallow Lakes	LAS 13629		2.444	183	0.013	1311
British Petroleum	6 Impoundments	LAS 13628		4.910	183	0.027	1311
British Petroleum	Big Lake	ADL 66117	333013 B	30.072	365	0.082	1311

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(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
British Petroleum	H & Z - Pad Lakes	LAS 18626		1.283	92	0.014	1311
British Petroleum	Kuparuk Reservoirs 1-3	ADL 75979		11.179	273	0.041	1311
British Petroleum	Kuparuk Reservoirs 4-5	ADL 75979		20.969	365	0.057	1311
British Petroleum	MPU Access Road	LAS 2281		0.302	92	0.003	1311
British Petroleum	MPU L-Pad Lake	LAS 2280		9.282	365	0.025	1311
British Petroleum	MPU Six Mile Lake	LAS 2285		7.267	275	0.026	1311
British Petroleum	MPU Well A-2A	LAS 1936		38.294	181	0.212	1311
British Petroleum	MPU Well CFP	LAS 1938		134.377	365	0.368	1311
British Petroleum	Mouth of Sag River	LAS 18724		13.009	182	0.071	1311
British Petroleum	Put 27 Mine Site	LAS 6575		2.630	90	0.029	1311
British Petroleum	Q & W - Pad Lakes	LAS 13950		0.112	92	0.001	1311
British Petroleum	Sag Mine Site C	LAS 7611		44.190	365	0.121	1311
British Petroleum	Yukon Gold Lakes	LAS 14042		17.214	273	0.063	1311
				<u>337.534</u>			
Chugach Electric Assoc. Inc	Cooper Lake	ADL 39886	212576 C	27,977.639	304	92.032	4911
				<u>27,977.639</u>			
Chugiak Utilities, Northwoods	225' Well	ADL 74176	213001 A	17.618	365	0.048	4941
				<u>17.618</u>			
Cook Inlet Processing	Well	ADL 39829	241826 B	65.000	66	0.985	2092
				<u>65.000</u>			
Cordova Electric Cooperative,	Humpback Creek	LAS 3445		8,094.751	365	22.177	4911
				<u>8,094.751</u>			
Craig, City of	North Fork Lake	ADL 62346	120193 A	111.791	365	0.306	4941
				<u>111.791</u>			

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(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Crestbrook Water Association,	Well	ADL 206632	210867 A	4.142	365	0.011	4941
				<u>4.142</u>			
Dillingham, City of	Wells 1, 2, & 3	ADL 46054	260197 A	31.491	365	0.086	4941
				<u>31.491</u>			
Eagle Utilities, Inc.	Well	LAS 1270		25.469	365	0.070	4941
				<u>25.469</u>			
Eagle View Car Wash (W. Ortner)	Well	LAS 2102		0.789	365	0.002	7542
				<u>0.789</u>			
Eaglecrest Ski Area	Cropley Lake	LAS 12692		79.574	365	0.218	4911
				<u>79.574</u>			
Eek, Village of	Eek River	LAS 11320	270281 A	0.538	365	0.001	4941
				<u>0.538</u>			
Eklutna Utilities, Inc.	Eagleridge, Parkview Terrace &	ADL 210813	213077 A	57.381	365	0.157	4941
Eklutna Utilities, Inc.	Eklutna Gate Water System	ADL 5649	213019 A	1.444	365	0.004	4941
Eklutna Utilities, Inc.	Thunderbird Heights	ADL 2811	211156 A	18.292	365	0.050	4941
Eklutna Utilities, Inc.	Twin Peaks Subdivision	ADL 44946	227539 A	1.456	365	0.004	4941
				<u>78.573</u>			

Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Elim, Village of	Well	ADL 75895	340345 A	6.930	365	0.019	4941
				<u>6.930</u>			
Fairbanks, City of	Chena River	LAS 53816		0.000	0	0.000	4911
Fairbanks, City of	Fire Well #3	ADL 53813	310730 A	1,429.330	334	4.279	4941
Fairbanks, City of	Well #1	ADL 53813	310730 A	181.586	61	2.977	4941
Fairbanks, City of	Well #2	ADL 53813	310730 A	38.799	179	0.217	4941
Fairbanks, City of	Well #3	ADL 53813	310730 A	25.128	184	0.137	4941
				<u>1,674.843</u>			
Fort Yukon, Village of	Main Well	LAS 11321	360256 A	7.363	365	0.020	4941
				<u>7.363</u>			
Grayling, Village of	29' Well	ADL 75980	280066 A	6.447	365	0.018	4941
				<u>6.447</u>			
Hillside Motel & RV (M Morris)	Artesian Well, 20ft	LAS 13202	213140 A	0.308	108	0.003	4941
				<u>0.308</u>			
Hillside Park Homeowner's Asso	283' Well	LAS 9731	212461 A	4.599	365	0.013	4941
				<u>4.599</u>			
Hilltop Ski Area	79' Well	LAS 1389	213548 B	20.780	151	0.138	7999
				<u>20.780</u>			

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Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Homer Electric Association, Inc.	Well	LAS 2530		0.715	59	0.012	4911
				<u>0.715</u>			
Homestead Apartments & Trailer	Homestead Creek	LAS 4070	120046 A	11.040	365	0.030	4941
				<u>11.040</u>			
Hoonah, City of	Well #2	LAS 897	130067 A	1.382	365	0.004	4941
				<u>1.382</u>			
Inlet Salmon (Inlet Fisheries)	Kasilof Well	LAS 11427	244117 B	1.800	353	0.005	2092
Inlet Salmon (Inlet Fisheries)	Kenai Well	LAS 3024	241444 B	15.603	92	0.170	2092
Inlet Salmon (Inlet Fisheries)	Naknek Well	LAS 12424	262282 B	5.925	103	0.058	2092
				<u>23.328</u>			
Johnson Development	2-101' Wells	LAS 2082		1.004	365	0.003	6512
				<u>1.004</u>			
Juneau, City and Borough	New Salmon Creek Tailrace	LAS 1942	110342 A	51.904	13	3.993	4941
Juneau, City and Borough	Well #3	ADL 100066	110342 A	88.280	351	0.251	4941
Juneau, City and Borough	Wells 1, 2, 4, 5 & 3 Bypass	ADL 44439	110342 A	1,635.345	351	4.659	4941
				<u>1,775.529</u>			
Kasaan, City of	Linkum Creek	LAS 11329	20606 A	17.619	365	0.048	4941
				<u>17.619</u>			

Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Kenai, City of	Well #1	ADL 53282	240448 A	103.905	365	0.285	4941
Kenai, City of	Well #2	ADL 53282	240448 A	170.766	365	0.468	4941
				<u>274.671</u>			
King Cove, City of	Ram Creek	ADL 42595	260244 A	49.286	365	0.135	4941
				<u>49.286</u>			
Knik View Water Group, Ltd.	100' Well	LAS 18809	218409	0.626	184	0.003	4941
				<u>0.626</u>			
Kodiak, City of	Monashka Creek	LAS 1145	250011 A	1,677.620	365	4.596	4941
				<u>1,677.620</u>			
Kotzebue, City of	Devil's Lake, Vortac Reservoir	ADL 401827	340060 A	102.997	365	0.282	4941
				<u>102.997</u>			
McGrath, City of	Kuskokwim River	LAS 969	280155 A	11.456	365	0.031	4941
				<u>11.456</u>			
Nome, City of	Moonlight Springs - Anvil Mt.	ADL 42993	340599 A	3.222	365	0.009	9223
Nome, City of	Moonlight Springs - Beltz H.S.	ADL 42993	340638 B	3.796	365	0.010	8211
Nome, City of	Moonlight Springs - FAA	ADL 42993		6.278	365	0.017	4583
Nome, City of	Moonlight Springs - Nat'l Guar	ADL 42993		0.025	365	0.000	9711
Nome, City of	Moonlight Springs - WTP	ADL 42993	340010 A	164.203	365	0.450	4941
Nome, City of	PKS & Reindeer Power Plant	ADL 42993		0.443	365	0.001	4941
				<u>177.967</u>			

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Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Noorvik, Village of	Kobuk River	ADL 75902	340109 A	3.449	365	0.009	4941
				<u>3.449</u>			
Norfolk Utilities ¹	Well	ADL 209576	210875 A	95.483	365	0.262	4941
				<u>95.483</u>			
North Pole, City of	Well	ADL 75902	310675 A	38.320	365	0.105	4941
				<u>38.320</u>			
Offshore Systems, Inc.	Dutch Harbour, unnamed stream	LAS 342	262505 A	32.319	365	0.089	4463
				<u>32.319</u>			
Palmer, City of	Well #1, 624'	ADL 201324	226020 A	22.435	93	0.241	4941
Palmer, City of	Well #2	ADL 201324	226020 A	0.853	6	0.142	4941
Palmer, City of	Well #3	LAS 3017	226020 A	1.476	15	0.098	4941
Palmer, City of	Well #4, 186'	LAS 9889	226020 A	242.525	340	0.713	4941
				<u>267.289</u>			
Peters Creek Trading Post	180' Well	LAS 1947	212746 B	0.543	365	0.001	4941
				<u>0.543</u>			
Petersburg Water Treatment Pla	Stream	LAS 6550	130148 A	327.647	365	0.898	4941
				<u>327.647</u>			

¹ 1993 Water-use was 95.7 mgal, not 0.957 mgal as reported

Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Port Graham, Village of	Unnamed Stream, WTP	LAS 11965	240498 A	24.377	365	0.067	4941
				<u>24.377</u>			
Port Lions, City of	Branchwater Creek	ADL 39835	250045 A	31.081	365	0.085	4941
				<u>31.081</u>			
Prince Wm. Sound Aquaculture,	Esther Lake Hydro	LAS 1312	293124 B	11,221.221	365	30.743	921
				<u>11,221.221</u>			
Royal Pacific Fisheries, Inc.	Well	LAS 1117	242953 B	2.661	282	0.009	2092
				<u>2.661</u>			
Sand Point, City of	Humboldt Creek	LAS 11795	260294 A	84.628	365	0.232	4941
				<u>84.628</u>			
Saxman, City of	Saxman Creek	ADL 44121	120127 A	40.830	365	0.112	4941
				<u>40.830</u>			
Scammon Bay, Village of	Lines 1 and 2	ADL 46364	270184 A	3.008	365	0.008	4941
				<u>3.008</u>			
Seward, City of	Ft. Raymond Well #2	ADL 39936	240757 A	452.851	365	1.241	4941
Seward, City of	Ft. Raymond Well #3	ADL 39936	240757 A	0.000	0	0.000	4941
Seward, City of	Ft. Raymond Well #4	ADL 39936	240757 A	53.631	184	0.291	4941
Seward, City of	Ft. Raymond Well #5	ADL 39936	240757 A	0.000	0	0.000	4941
Seward, City of	Marathon Creek	ADL 210826	240757 A	0.000	0	0.000	4941

Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Seward, City of	SMIC Well A, Marine Indust. Ce	LAS 11311	244159 A	22.736	365	0.062	4941
Seward, City of	SMIC Well B, Marine Indust. Ce	LAS 11311	244159 A	24.292	365	0.067	4941
				553.510			
Soldotna, City of	Well A	ADL 52342	241054 A	29.821	365	0.082	4941
Soldotna, City of	Well B	ADL 40315	241054 A	13.954	365	0.038	4941
Soldotna, City of	Well C	ADL 206983	241054 A	186.284	365	0.510	4941
Soldotna, City of	Well D	ADL 214896	241054 A	31.958	365	0.088	4941
Soldotna, City of	Well E	LAS 11215	240935 B	0.023	365	0.000	4941
				262.040			
Southcentral Utilities	280' and 543' Wells	LAS 6516	214706 A	5.563	365	0.015	4941
				5.563			
Southpark Terrace	Little Rabbit Creek	ADL 209628	213475 A	11.222	365	0.031	4941
				11.222			
Tatitlek, Village of	Pumphouse	ADL 76071	291130 A	11.813	365	0.032	4941
				11.813			
Tesoro Alaska Petroleum	Well 1	ADL 42906	241745 A	5.928	46	0.129	2911
Tesoro Alaska Petroleum	Well 2	ADL 42906	241745 A	149.190	357	0.418	2911
				155.118			
Thorne Bay, City of	Water Lake	LAS 11465	120216 A	41.377	365	0.113	4941
				41.377			

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Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
U.S. Army Ft. Richardson & EAF	Ship Creek Surface Waters	ADL 65557	212039 A	1,395.002	365	3.822	4941
U.S. Army Ft. Richardson & EAF	Wells 1, 2 & 3	ADL 45839	211423 A	138.190	365	0.379	4941
				<u>1,533.192</u>			
U.S.D.A. Forest Service - Tong	Old Frank's Creek	LAS 12694		3,677.680	365	10.080	921
				<u>3,677.680</u>			
U.S.D.O.T. F.A.A. Elmendorf A.	160 ft well	LAS 11600	211423 A	10.760	365	0.029	4583
				<u>10.760</u>			
UNOCAL Chemicals Division	Well 1 and 5B	ADL 78075	240919 A	274.792	365	0.753	2873
UNOCAL Chemicals Division	Well 6	ADL 203480	240919 A	121.765	361	0.337	2873
UNOCAL Chemicals Division	Well 7, 15, and 16	ADL 42514	240919 A	573.401	365	1.571	2873
				<u>969.958</u>			
Unalaska, City of	Icy (Pyramid) Creek	LAS 2394	260309 A	711.140	365	1.948	4941
Unalaska, City of	Unalaska Creek	LAS 2394	260309 A	0.000	0	0.000	4941
Unalaska, City of	Wells 1 and 1A	LAS 2394	260309 A	172.730	365	0.473	4941
Unalaska, City of	Wells 2 and 2A	LAS 2394	260309 A	161.040	365	0.441	4941
				<u>1,044.910</u>			
University of Alaska	"K" Building	ADL 12588		11.015	273	0.040	8221
University of Alaska	Admin Building	ADL 212698		9.238	273	0.034	8221
University of Alaska	Arts Building	ADL 212698		15.900	273	0.058	8221
University of Alaska	Business Building	LAS 13864		21.409	273	0.078	8221
University of Alaska	Energy Mod. #1	LAS 13209		2.103	123	0.017	8221
University of Alaska	Energy Mod. #2	LAS 13212		17.901	153	0.117	8221
University of Alaska	Palmer Exp. Station Well	LAS 12588		17.521	365	0.048	139
				<u>95.087</u>			

Appendix A. 1994 Alaska Water-Use Data System Summary, arranged by facility name.
(Mgal/d = Million gallons per day)

Facility Name	Water Source	File Number	DEC PWSI Number	Total Use (Million Gallons)	Days of Use	Rate of Use (Mgal/d)	SIC Code
Wasilla, City of	Chinook Villa Well, 75'	LAS 987	224646 A	0.296	122	0.002	4941
Wasilla, City of	Iditarod Wells, 136' and 154'	ADL 209104	223137 A	34.816	243	0.143	4941
Wasilla, City of	Lacy Laine Well	LAS 1541	224109 A	0.236	365	0.001	4941
Wasilla, City of	Mission Hills Sub Phases 2&3 -	LAS 1141	223763 A	8.674	365	0.024	4941
Wasilla, City of	Spruce Ave Wells, 236' and 240	LAS 5204	224646 A	104.563	365	0.286	4941
				<hr/> 148.585			
Whittier, City of	Well 1, 80'	LAS 2531	211952 A	43.880	365	0.120	4941
Whittier, City of	Well 2, 80'	LAS 2532	211952 A	36.547	365	0.100	4941
Whittier, City of	Well 3, 80'	LAS 2533	211952 A	0.000	0	0.000	4941
				<hr/> 80.427			
Yakutat, City of	Back-up (ARCO) Well	ADL 43340	130172 A	26.879	365	0.074	4941
Yakutat, City of	Main Well, A, 325'	ADL 43340	130172 A	47.779	365	0.131	4941
				<hr/> 74.658			
Total Water Usage:				<hr/> 398,396.272			

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
139	Agricultural Crops	University of Alaska	Palmer Exp. Station Well	17.521	53.770	365
Total for SIC Group:				17.521	53.770	
921	Aquaculture	Alaska Dept. of Fish & Game	Pillar Creek Hatchery, reservoir	374.600	1,149.604	365
921	Aquaculture	Alaska Dept. of Fish & Game	Pillar Creek Hatchery, well	66.000	202.546	101
921	Aquaculture	Alaska Dept. of Fish & Game	Ft Richardson Hatchery, well 9	236.520	725.852	365
921	Aquaculture	Alaska Dept. of Fish & Game	Trail Lakes Hatchery, 6 wells	0.000	0.000	0
921	Aquaculture	Prince Wm. Sound Aquaculture, Inc.	Esther Lake Hydro	11,221.221	34,436.618	365
921	Aquaculture	U.S.D.A. Forest Service - Tongass	Old Frank's Creek	3,677.680	11,286.371	365
Total for SIC Group:				15,576.021	47,800.991	
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	3 Mile Lake	0.376	1.154	89
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	CPF-2 Reservoir/Lake	7.240	22.219	365
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	B-Pit	0.001	0.003	30
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	Mine Site D	0.405	1.243	61
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	D Pit	6.580	20.193	121
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	91-16	0.416	1.277	31
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Kuparuk River)	CPF1 Reservoir (Mine Site C)	34.336	105.373	365
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	1.320	4.051	184
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	1.259	3.864	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Unnamed Lake	0.594	1.823	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	2.236	6.862	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	3.497	10.732	123
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.471	1.445	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.342	1.050	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Unnamed Lake	0.555	1.703	61
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	5.722	17.560	123
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.363	1.114	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	5.605	17.201	122
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.695	2.133	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.545	1.673	62
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.183	0.562	62
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.194	0.595	62
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.056	0.172	31
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.155	0.476	61
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.396	1.215	92
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.071	0.218	62
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed	0.197	0.605	31
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Pingo Lake	3.344	10.262	150

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
1311	Crude Petroleum & Natural Gas	ARCO Alaska, Inc. (Prudhoe Bay)	Webster Reservoir	78.725	241.598	365
1311	Crude Petroleum & Natural Gas	British Petroleum	MPU Well A-2A	38.294	117.520	181
1311	Crude Petroleum & Natural Gas	British Petroleum	MPU Well CFP	134.377	412.387	365
1311	Crude Petroleum & Natural Gas	British Petroleum	MPU L-Pad Lake	9.282	28.485	365
1311	Crude Petroleum & Natural Gas	British Petroleum	MPU Access Road	0.302	0.927	92
1311	Crude Petroleum & Natural Gas	British Petroleum	MPU Six Mile Lake	7.267	22.302	275
1311	Crude Petroleum & Natural Gas	British Petroleum	Put 27 Mine Site	2.630	8.071	90
1311	Crude Petroleum & Natural Gas	British Petroleum	Sag Mine Site C	44.190	135.614	365
1311	Crude Petroleum & Natural Gas	British Petroleum	6 Impoundments	4.910	15.068	183
1311	Crude Petroleum & Natural Gas	British Petroleum	16 Shallow Lakes	2.444	7.500	183
1311	Crude Petroleum & Natural Gas	British Petroleum	Q & W - Pad Lakes	0.112	0.344	92
1311	Crude Petroleum & Natural Gas	British Petroleum	Yukon Gold Lakes	17.214	52.828	273
1311	Crude Petroleum & Natural Gas	British Petroleum	H & Z - Pad Lakes	1.283	3.937	92
1311	Crude Petroleum & Natural Gas	British Petroleum	Mouth of Sag River	13.009	39.923	182
1311	Crude Petroleum & Natural Gas	British Petroleum	Big Lake	30.072	92.287	365
1311	Crude Petroleum & Natural Gas	British Petroleum	Kuparuk Reservoirs 4-5	20.969	64.351	365
1311	Crude Petroleum & Natural Gas	British Petroleum	Kuparuk Reservoirs 1-3	11.179	34.307	273
Total for SIC Group:				493.413	1,514.227	
2092	Fresh and Frozen Seafood	Cook Inlet Processing	Well	65.000	199.477	66
2092	Fresh and Frozen Seafood	Inlet Salmon (Inlet Fisheries Inc)	Kenai Well	15.603	47.884	92
2092	Fresh and Frozen Seafood	Inlet Salmon (Inlet Fisheries Inc)	Kasilof Well	1.800	5.524	353
2092	Fresh and Frozen Seafood	Inlet Salmon (Inlet Fisheries Inc)	Naknek Well	5.925	18.183	103
2092	Fresh and Frozen Seafood	Royal Pacific Fisheries, Inc.	Well	2.661	8.166	282
Total for SIC Group:				90.989	279.234	
2873	Nitrogenous Fertilizers	UNOCAL Chemicals Division	Well 7, 15, and 16	573.401	1,759.701	365
2873	Nitrogenous Fertilizers	UNOCAL Chemicals Division	Well 1 and 58	274.792	843.305	365
2873	Nitrogenous Fertilizers	UNOCAL Chemicals Division	Well 6	121.765	373.683	361
Total for SIC Group:				969.958	2,976.689	
2911	Petroleum Refining	Tesoro Alaska Petroleum	Well 1	5.928	18.192	46
2911	Petroleum Refining	Tesoro Alaska Petroleum	Well 2	149.190	457.847	357
Total for SIC Group:				155.118	476.039	

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
4463	Marine Cargo Handling	Offshore Systems, Inc.	Dutch Harbour, unnamed stream	32.319	99.183	365
Total for SIC Group:				32.319	99.183	
4583	Airport Terminal Services	Nome, City of	Moonlight Springs - FAA	6.278	19.266	365
4583	Airport Terminal Services	U.S.D.O.T. F.A.A. Elmendorf A.F.B.	160 ft well	10.760	33.021	365
Total for SIC Group:				17.038	52.287	
4612	Petroleum Pipeline Services	Alyeska Pipeline Service Co.	Allison Creek	61.608	189.068	365
4612	Crude Petroleum Pipeline	Alyeska Pipeline Service Co.	Well	7.006	21.501	365
Total for SIC Group:				68.614	210.569	
4911	Hydroelectric Power Generation	Alaska Electric Light & Power	Lower Salmon Creek	12,210.940	37,473.950	365
4911	Hydroelectric Power Generation	Alaska Energy Authority	Bradley Lake Hydro Generation	129,815.128	398,387.478	365
4911	Hydroelectric Power Generation	Alaska Energy Authority	Solomon Gulch Hydro Generation	32,275.053	99,048.371	365
4911	Hydroelectric Power Generation	Alaska Energy Authority	Swan Lake Hydro Generation	103,008.148	316,119.985	365
4911	Hydroelectric Power Generation	Alaska Energy Authority	Tyee Lake Hydro Generation	14,878.868	45,661.510	365
4911	Hydroelectric Power Generation	Alaska Energy Authority	Terror Lake Hydro Generation	29,331.055	90,013.585	335
4911	Hydroelectric Power Generation	Alaska Power & Telephone Co.	Dewey Lake Hydro Generation	3,058.269	9,385.471	365
4911	Hydroelectric Power Generation	Chugach Electric Assoc. Inc	Cooper Lake	27,977.639	85,860.109	304
4911	Hydroelectric Power Generation	Cordova Electric Cooperative, Inc.	Humpback Creek	8,094.751	24,841.846	365
4911	Hydroelectric Power Generation	Eaglecrest Ski Area	Cropley Lake	79.574	244.203	365
4911	Electric Power Generation	Fairbanks, City of	Chena River	0.000	0.000	0
4911	Hydroelectric Power Generation	Homer Electric Association, Inc.	Well	0.715	2.194	59
Total for SIC Group:				360,730.140	1,107,038.702	
4941	Public Water Supply	Aleut Corp. - Midtown Estates	Well #2	5.346	16.406	364
4941	Public Water Supply	Aleut Corp. - Midtown Estates	Well #1	0.062	0.190	364
4941	Public Water Supply	Anchor Point Safe Water Corp.	Main Well, 19'	2.526	7.752	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #13, Spruce and E. 64th Sts.	235.399	722.412	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Ship Creek	3,428.109	10,520.466	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Eklutna Lake	3,771.456	11,574.158	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well # 4, Commercial Drive	67.784	208.021	303
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well # 3, 3rd Ave.	26.064	79.987	303
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Girdwood Wells	46.840	143.746	365

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #20, Creekside Park	1.285	3.944	153
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Eagle River #4, Eagle River Mts. N.	7.185	22.050	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #11B, Chugach Foothills	420.142	1,289.367	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #10A, Chugach Foothills	463.017	1,420.945	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #25, Military #1	40.752	125.063	334
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well # 7, 40th Ave. & Denali St.	491.289	1,507.709	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well # 9, Centennial Park	19.843	60.896	337
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #35, ALAGCO	11.151	34.221	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #29, Service Hanshaw H.S.	13.696	42.031	365
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #12, 40th Ave. & B St.	329.288	1,010.546	335
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Well #31, Huffman Hills	11.781	36.155	243
4941	Public Water Supply	Anchorage Water & Wastewater Utl.	Eagle River #8, Eagle Crest	0.727	2.231	365
4941	Public Water Supply	B & J Ventures, Inc.	Well, Snowshoe West	2.749	8.436	365
4941	Public Water Supply	Chugiak Utilities, Northwoods Inc.	225' Well	17.618	54.068	365
4941	Public Water Supply	Craig, City of	North Fork Lake	111.791	343.074	365
4941	Public Water Supply	Crestbrook Water Association, Inc.	Well	4.142	12.711	365
4941	Public Water Supply	Dillingham, City of	Wells 1, 2, & 3	31.491	96.642	365
4941	Public Water Supply	Eagle Utilities, Inc.	Well	25.469	78.161	365
4941	Public Water Supply	Eek, Village of	Eek River	0.538	1.651	365
4941	Public Water Supply	Eklutna Utilities, Inc.	Thunderbird Heights	18.292	56.136	365
4941	Public Water Supply	Eklutna Utilities, Inc.	Eklutna Gate Water System	1.444	4.431	365
4941	Public Water Supply	Eklutna Utilities, Inc.	Twin Peaks Subdivision	1.456	4.468	365
4941	Public Water Supply	Eklutna Utilities, Inc.	Eagleridge, Parkview Terrace & East	57.381	176.096	365
4941	Public Water Supply	Elim, Village of	Well	6.930	21.267	365
4941	Public Water Supply	Fairbanks, City of	Well #2	38.799	119.070	179
4941	Public Water Supply	Fairbanks, City of	Well #3	25.128	77.115	184
4941	Public Water Supply	Fairbanks, City of	Well #1	181.586	557.266	61
4941	Public Water Supply	Fairbanks, City of	Fire Well #3	1,429.330	4,386.447	334
4941	Public Water Supply	Fort Yukon, Village of	Main Well	7.363	22.596	365
4941	Public Water Supply	Grayling, Village of	29' Well	6.447	19.785	365
4941	Public Water Supply	Hillside Motel & RV (M Morris)	Artesian Well, 20ft	0.308	0.945	108
4941	Public Water Supply	Hillside Park Homeowner's Assoc.	283' Well	4.599	14.114	365
4941	Public Water Supply	Homestead Apartments & Trailer Ct.	Homestead Creek	11.040	33.880	365
4941	Public Water Supply	Hoonah, City of	Well #2	1.382	4.241	365
4941	Public Water Supply	Juneau, City and Borough	New Salmon Creek Tailrace	51.904	159.287	13
4941	Public Water Supply	Juneau, City and Borough	Wells 1, 2, 4, 5 & 3 Bypass	1,635.345	5,018.683	351
4941	Public Water Supply	Juneau, City and Borough	Well #3	88.280	270.921	351
4941	Public Water Supply	Kasaan, City of	Linkum Creek	17.619	54.071	365
4941	Public Water Supply	Kenai, City of	Well #1	103.905	318.872	365
4941	Public Water Supply	Kenai, City of	Well #2	170.766	524.061	365
4941	Public Water Supply	King Cove, City of	Ram Creek	49.286	151.253	365
4941	Public Water Supply	Knik View Water Group, Ltd.	100' Well	0.626	1.921	184
4941	Public Water Supply	Kodiak, City of	Monashka Creek	1,677.620	5,148.420	365

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
4941	Public Water Supply	Kotzebue, City of	Devil's Lake, Vortac Reservoir	102.997	316.086	365
4941	Public Water Supply	McGrath, City of	Kuskokwim River	11.456	35.157	365
4941	Public Water Supply	Nome, City of	PHS & Reindeer Power Plant	0.443	1.360	365
4941	Public Water Supply	Nome, City of	Moonlight Springs - WTP	164.203	503.920	365
4941	Public Water Supply	Noorvik, Village of	Kobuk River	3.449	10.585	365
4941	Public Water Supply	Norfolk Utilities	Well	95.483	293.026	365
4941	Public Water Supply	North Pole, City of	Well	38.320	117.600	365
4941	Public Water Supply	Palmer, City of	Well #3	1.476	4.530	15
4941	Public Water Supply	Palmer, City of	Well #4, 186'	242.525	744.281	340
4941	Public Water Supply	Palmer, City of	Well #1, 624'	22.435	68.850	93
4941	Public Water Supply	Palmer, City of	Well #2	0.853	2.618	6
4941	Public Water Supply	Peters Creek Trading Post	180' Well	0.543	1.666	365
4941	Public Water Supply	Petersburg Water Treatment Plant	Stream	327.647	1,005.510	365
4941	Public Water Supply	Port Graham, Village of	Unnamed Stream, WTP	24.377	74.810	365
4941	Public Water Supply	Port Lions, City of	Branchwater Creek	31.081	95.384	365
4941	Public Water Supply	Sand Point, City of	Humboldt Creek	84.628	259.713	365
4941	Public Water Supply	Saxman, City of	Saxman Creek	40.830	125.303	365
4941	Public Water Supply	Scammon Bay, Village of	Lines 1 and 2	3.008	9.231	365
4941	Public Water Supply	Seward, City of	SMIC Well A, Marine Indust. Center	22.736	69.774	365
4941	Public Water Supply	Seward, City of	SMIC Well B, Marine Indust. Center	24.292	74.549	365
4941	Public Water Supply	Seward, City of	Ft. Raymond Well #2	452.851	1,389.747	365
4941	Public Water Supply	Seward, City of	Ft. Raymond Well #3	0.000	0.000	0
4941	Public Water Supply	Seward, City of	Ft. Raymond Well #4	53.631	164.587	184
4941	Public Water Supply	Seward, City of	Ft. Raymond Well #5	0.000	0.000	0
4941	Public Water Supply	Seward, City of	Marathon Creek	0.000	0.000	0
4941	Public Water Supply	Soldotna, City of	Well E	0.023	0.071	365
4941	Public Water Supply	Soldotna, City of	Well B	13.954	42.823	365
4941	Public Water Supply	Soldotna, City of	Well A	29.821	91.517	365
4941	Public Water Supply	Soldotna, City of	Well C	186.284	571.684	365
4941	Public Water Supply	Soldotna, City of	Well D	31.958	98.075	365
4941	Public Water Supply	Southcentral Utilities	280' and 543' Wells	5.563	17.072	365
4941	Public Water Supply	Southpark Terrace	Little Rabbit Creek	11.222	34.439	365
4941	Public Water Supply	Tatitlek, Village of	Pumphouse	11.813	36.253	365
4941	Public Water Supply	Thorne Bay, City of	Water Lake	41.377	126.981	365
4941	Public Water Supply	U.S. Army Ft. Richardson & EAFB	Wells 1, 2 & 3	138.190	424.089	365
4941	Public Water Supply	U.S. Army Ft. Richardson & EAFB	Ship Creek Surface Waters	1,395.002	4,281.098	365
4941	Public Water Supply	Unalaska, City of	Wells 2 and 2A	161.040	494.213	365
4941	Public Water Supply	Unalaska, City of	Wells 1 and 1A	172.730	530.088	365
4941	Public Water Supply	Unalaska, City of	Unalaska Creek	0.000	0.000	0
4941	Public Water Supply	Unalaska, City of	Icy (Pyramid) Creek	711.140	2,182.406	365
4941	Public Water Supply	Wasilla, City of	Chinook Villa Well, 75'	0.296	0.908	122
4941	Public Water Supply	Wasilla, City of	Mission Hills Sub Phases 2&3 - Well	8.674	26.619	365
4941	Public Water Supply	Wasilla, City of	Lacy Laine Well	0.236	0.724	365

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
4941	Public Water Supply	Wasilla, City of	Spruce Ave Wells, 236' and 240'	104.563	320.892	365
4941	Public Water Supply	Wasilla, City of	Iditarod Wells, 136' and 154'	34.816	106.846	243
4941	Public Water Supply	Whittier, City of	Well 1, 80'	43.880	134.663	365
4941	Public Water Supply	Whittier, City of	Well 2, 80'	36.547	112.158	365
4941	Public Water Supply	Whittier, City of	Well 3, 80'	0.000	0.000	0
4941	Public Water Supply	Yakutat, City of	Main Well, A, 325'	47.779	146.628	365
4941	Public Water Supply	Yakutat, City of	Back-up (ARCO) Well	26.879	82.489	365
Total for SIC Group:				20,137.427	61,799.408	
6512	Non-Resident. Bldg. Operations	Johnson Development	2-101' Wells	1.004	3.081	365
Total for SIC Group:				1.004	3.081	
7542	Carwash	Eagle View Car Wash (W. Ortner)	Well	0.789	2.421	365
Total for SIC Group:				0.789	2.421	
7999	Amusement & Recreation Service	Hilltop Ski Area	79' Well	20.780	63.771	151
Total for SIC Group:				20.780	63.771	
8211	Secondary School	Anchorage School District	Ravenwood Well	0.532	1.633	365
8211	Secondary School	Nome, City of	Moonlight Springs - Beltz H.S.	3.796	11.649	365
Total for SIC Group:				4.328	13.282	
8221	Colleges & Universities	University of Alaska	"K" Building	11.015	33.804	273
8221	Colleges & Universities	University of Alaska	Energy Mod. #1	2.103	6.454	123
8221	Colleges & Universities	University of Alaska	Energy Mod. #2	17.901	54.936	153
8221	Colleges & Universities	University of Alaska	Business Building	21.409	65.702	273
8221	Colleges & Universities	University of Alaska	Arts Building	15.900	48.795	273
8221	Colleges & Universities	University of Alaska	Admin Building	9.238	28.350	273
Total for SIC Group:				77.566	238.041	

Appendix B. 1994 Alaska Water-Use Data System Summary, arranged by SIC codes.

SIC Code	Type of use	Name of facility	Source of water	Use in million gallons	Use in acre feet	Days of use
9223	Public Safety	Nome, City of	Moonlight Springs - Anvil Mt.	3.222	9.888	365
			Total for SIC Group:	<u>3.222</u>	<u>9.888</u>	
9711	National Security	Nome, City of	Moonlight Springs - Nat'l Guard Arm	0.025	0.077	365
			Total for SIC Group:	<u>0.025</u>	<u>0.077</u>	
			Total for ALL SIC Groups:	<u>398,396.272</u>	<u>1,222,631.660</u>	

Appendix C. Monthly water use by public water suppliers in Anchorage, Fairbanks and Juneau, for 1994.

Use reported in million gallons (Mgal).

SW = surface water; GW = ground water; NA = not available.

Municipality of Anchorage												
Month	Anchorage Water & Wastewater Utility		Peters Creek Trading Post	Chugiak Utilities	Eklutna Utilities	Hillside Park Home- owner's Assoc.	Knik View Water Group	Norfolk Utilities	South- park Terrace	U.S. Army Ft. Richardson and Elmendorf Air Force Base		TOTAL (Mgal)
	SW	GW	GW	GW	GW	GW	GW	GW	GW	SW	GW	
Jan.	607.368	144.191	0.026	1.332	6.673	0.328	0	5.955	0.604	125.230	1.792	893.499
Feb.	538.460	136.243	0.054	1.181	6.028	0.281	0	5.579	0.527	100.091	13.964	802.408
Mar.	559.843	174.808	0.018	1.305	6.673	0.319	0	6.585	0.637	115.055	1.431	866.474
Apr.	559.623	183.959	0.048	1.518	6.458	0.302	0	6.549	0.604	103.443	29.007	891.511
May	598.980	258.626	0.023	1.887	6.673	0.499	0	9.618	1.060	112.515	41.792	1031.673
June	583.463	385.702	0.062	1.937	6.458	0.513	0	12.879	1.629	139.625	11.686	1143.954
July	698.495	185.066	0.040	1.923	6.673	0.551	0.124	11.792	1.899	129.371	16.540	1062.474
Aug.	710.192	236.217	0.045	1.782	6.673	0.494	0.124	10.761	1.505	127.507	12.195	1107.495
Sept.	642.227	81.500	0.084	1.195	6.458	0.386	0.120	6.634	0.827	119.797	4.671	863.899
Oct.	611.252	104.808	0.030	1.288	6.673	0.258	0.087	6.461	0.628	103.399	3.836	838.720
Nov.	521.507	154.938	0.073	1.034	6.458	0.303	0.084	6.267	0.618	107.834	0.689	799.805
Dec.	568.156	140.383	0.040	1.236	6.673	0.364	0.087	6.403	0.684	111.135	0.587	835.748
Sub- total	7199.565	2186.243								1395.002	138.190	
TOTAL	9385.808		0.543	17.618	78.574	4.599	0.626	95.483	11.222	1533.192		11,127.665

Appendix C. Monthly water use by public water suppliers in Anchorage, Fairbanks and Juneau, for 1994.

Use reported in million gallons (Mgal).
SW = surface water; GW = ground water.

Month	City of Fairbanks	City and Borough of Juneau		
	GW	SW	GW	Total
January	140.772	0	143.289	143.289
February	156.679	0	136.125	136.125
March	146.128	0	153.192	153.192
April	188.795	0	142.911	142.911
May	167.327	0	151.102	151.102
June	127.932	0	160.607	160.607
July	133.385	0	163.257	163.257
August	126.557	21.007	141.579	162.586
September	92.533	30.897	106.134	137.031
October	90.075	0	136.802	136.802
November	174.470	0	136.556	136.556
December	130.190	0	152.071	152.071
Subtotal		51.904	1723.625	
TOTAL	1674.843	1775.529		

Appendix D. 1994 Alaska Water-Use Data System Summary,
arranged by Hydrologic Unit.
(Mgal/d = Million gallons per day)

State of Alaska Hydrologic Unit	Total Reported Water Use (Mgal/d)
19010101	14,878.868
19010102	103,060.018
19010103	3,848.467
19010202	327.647
19010203	1.382
19010301	14,066.043
19010303	3,058.269
19010401	74.658
19020201	51,664.446
19020202	633.937
19020301	129,843.831
19020302	29,723.405
19020401	11,462.643
19020402	331.471
19020505	158.535
19020701	31,480.356
19030101	133.914
19030102	1,077.229
19030204	5.925
19030304	31.491
19030405	11.456
19030502	0.538
19040205	7.363
19040504	7.006
19040506	1,674.843
19040507	38.320
19040801	6.447
19040805	3.008
19050103	6.930
19050104	177.967
19050301	102.997
19050304	3.449
19060304	7.240
19060401	315.046
19060402	153.913
19060403	17.214
Total Water Usage:	398,396.272

Appendix E. 1994 Alaska Water-Use Data System Summary, arranged by Census Area.
(Mgal = Million gallons)

State of Alaska Census Area	1991 Population (ADOL, 1993)	Reported Water Use (Mgal)	Reported per capita Water Use (Mgal)
	(¹)	(²)	
<u>Anchorage/Matanuska-Susitna region</u>			
Anchorage Borough	237,216	11,483.84	0.048
Matanuska-Susitna Borough	40,494	468.81	0.012
<u>Gulf Coast Region</u>			
Kenai Peninsula Borough	42,242	160,120.75	3.791
Kodiak island Borough	13,959	31,480.36	2.255
Valdez-Cordova Census Area	10,292	51,744.87	5.028
<u>Interior Region</u>			
Denali Borough	1,832	No Reported Use	0.000
Fairbanks North Star Borough	79,730	1,713.16	0.022
Southeast Fairbanks Census Area	6,035	7.01	0.001
Yukon-Koyukuk Census Area	6,713	18.82	0.003
<u>Northern Region</u>			
Nome Census Area	8,491	184.90	0.022
North Slope Borough	6,290	493.41	0.078
Northwest Arctic Borough	6,303	106.45	0.017
<u>Southeast Region</u>			
Haines Borough	2,218	No Reported Use	0.000

¹ An unknown percentage of the population has private water supplies and is not required to report water use.

² Includes commercial, domestic and hydropower use, but does not include use by users not required to report their use, eg private wells.

Appendix E. 1994 Alaska Water-Use Data System Summary, arranged by Census Area.
(Mgal = Million gallons)

State of Alaska Census Area	1991 Population (ADOL, 1993)	Reported Water Use (Mgal)	Reported per capita Water Use (Mgal)
<u>continued</u>			
Juneau Borough	27,695	14,066.04 ³	0.508
Ketchikan Gateway Borough	14,110	103,060.02 ⁴	7.304
Prince Of Wales-Outer Ketchikan Census Area	6,500	3,848.47	0.592
Sitka Borough	8,815	No Reported Use	0.000
Skagway-Yakutat-Angoon Census Area	4,358	3,134.31	0.719
Wrangell-Petersburg Census Area	7,215	15,206.52 ⁵	2.108
<u>Southwest Region</u>			
Aleutians East Borough	2,422	133.91	0.055
Aleutians West Census Area	9,918	1,077.23	0.109
Bethel Census Area	14,069	0.54	0.000
Bristol Bay Borough	1,415	5.93	0.004
Dillingham Census Area	4,155	No Reported Use	0.000
Lake & Peninsula Borough	1,722	31.49	0.018
Wade Hampton Census Area	6,091	9.46	0.002
Totals:	570,300	398,396.27	0.696

NOTE: "Reported water use" is used in calculations, and will differ from actual use.

³ Hydropower constitutes 87% of reported use.

⁴ Hydropower constitutes 99% of reported use.

⁵ Hydropower constitutes 98% of reported use.

Appendix F. Alaska Water-Use Cross Reference, 1994.

FILE NUMBER	FACILITY NAME	WATER SOURCE
ADL 2811	Eklutna Utilities, Inc.	Thunderbird Heights
ADL 5649	Eklutna Utilities, Inc.	Eklutna Gate Water System
ADL 12588	University of Alaska	"K" Building
ADL 39829	Cook Inlet Processing	Well
ADL 39835	Port Lions, City of	Branchwater Creek
ADL 39886	Chugach Electric Assoc. Inc	Cooper Lake
ADL 39936	Seward, City of	Ft. Raymond Well #4
ADL 39936	Seward, City of	Ft. Raymond Well #2
ADL 39936	Seward, City of	Ft. Raymond Well #3
ADL 39936	Seward, City of	Ft. Raymond Well #5
ADL 40315	Soldotna, City of	Well 8
ADL 42514	UNOCAL Chemicals Division	Well 7, 15, and 16
ADL 42595	King Cove, City of	Ram Creek
ADL 42906	Tesoro Alaska Petroleum	Well 2
ADL 42906	Tesoro Alaska Petroleum	Well 1
ADL 42993	Nome, City of	Moonlight Springs - Anvil Mt.
ADL 42993	Nome, City of	Moonlight Springs - WTP
ADL 42993	Nome, City of	Moonlight Springs - Nat'l Guard Arm
ADL 42993	Nome, City of	Moonlight Springs - Beltz H.S.
ADL 42993	Nome, City of	Moonlight Springs - FAA
ADL 42993	Nome, City of	PHS & Reindeer Power Plant
ADL 43340	Yakutat, City of	Main Well, A, 325'
ADL 43340	Yakutat, City of	Back-up (ARCO) Well
ADL 44121	Saxman, City of	Saxman Creek
ADL 44439	Juneau, City and Borough	Wells 1, 2, 4, 5 & 3 Bypass
ADL 44626	Anchorage Water & Wastewater Utl.	Well # 4, Commercial Drive
ADL 44626	Anchorage Water & Wastewater Utl.	Girdwood Wells
ADL 44626	Anchorage Water & Wastewater Utl.	Well # 3, 3rd Ave.
ADL 44946	Eklutna Utilities, Inc.	Twin Peaks Subdivision
ADL 45780	Alaska Electric Light & Power	Lower Salmon Creek
ADL 45839	U.S. Army Ft. Richardson & EAFB	Wells 1, 2 & 3
ADL 46054	Oillingham, City of	Wells 1, 2, & 3
ADL 46364	Scammon Bay, Village of	Lines 1 and 2
ADL 50906	Anchorage Water & Wastewater Utl.	Well #20, Creekside Park
ADL 51573	Anchorage Water & Wastewater Utl.	Eagle River #4, Eagle River Mts. N.
ADL 52342	Soldotna, City of	Well A
ADL 53282	Kenai, City of	Well #1
ADL 53282	Kenai, City of	Well #2
ADL 53813	Fairbanks, City of	Well #1
ADL 53813	Fairbanks, City of	Well #2
ADL 53813	Fairbanks, City of	Fire Well #3
ADL 53813	Fairbanks, City of	Well #3
ADL 54850	Anchorage Water & Wastewater Utl.	Well #11B, Chugach Foothills
ADL 54850	Anchorage Water & Wastewater Utl.	Well #10A, Chugach Foothills
ADL 62222	Anchorage Water & Wastewater Utl.	Well #25, Military #1
ADL 62346	Craig, City of	North Fork Lake
ADL 65557	U.S. Army Ft. Richardson & EAFB	Ship Creek Surface Waters
ADL 65787	Anchorage Water & Wastewater	Well # 7, 40th Ave. & Denali

Appendix F. Alaska Water-Use Cross Reference, 1994.

FILE NUMBER	FACILITY NAME	WATER SOURCE
	Utl.	St.
ADL 66117	British Petroleum	Big Lake
ADL 67201	Anchorage Water & Wastewater Utl.	Well # 9, Centennial Park
ADL 67278	Alaska Energy Authority	Solomon Gulch Hydro Generation
ADL 67781	ARCO Alaska, Inc. (Prudhoe Bay)	Webster Reservoir
ADL 74176	Chugiak Utilities, Northwoods Inc.	225' Well
ADL 75895	Elim, Village of	Well
ADL 75902	Noorvik, Village of	Kobuk River
ADL 75902	North Pole, City of	Well
ADL 75979	British Petroleum	Kuparuk Reservoirs 1-3
ADL 75979	British Petroleum	Kuparuk Reservoirs 4-5
ADL 75980	Grayling, Village of	29' Well
ADL 76071	Tatitlek, Village of	Pumphouse
ADL 78075	UNOCAL Chemicals Division	Well 1 and 5B
ADL 100066	Juneau, City and Borough	Well #3
ADL 100113	Alaska Energy Authority	Swan Lake Hydro Generation
ADL 100887	Alaska Energy Authority	Tyee Lake Hydro Generation
ADL 201324	Palmer, City of	Well #1, 624'
ADL 201324	Palmer, City of	Well #2
ADL 201554	Alaska Dept. of Fish & Game	Trail Lakes Hatchery, 6 wells
ADL 201555	Anchorage Water & Wastewater Utl.	Well #35, ALAGCO
ADL 201559	Alaska Energy Authority	Terror Lake Hydro Generation
ADL 201920	Anchorage Water & Wastewater Utl.	Well #29, Service Hanshaw H.S.
ADL 202997	Anchorage Water & Wastewater Utl.	Well #12, 40th Ave. & B St.
ADL 203480	UNOCAL Chemicals Division	Well 6
ADL 203956	Anchorage Water & Wastewater Utl.	Well #31, Huffman Hills
ADL 206632	Crestbrook Water Association, Inc.	Well
ADL 206983	Soldotna, City of	Well C
ADL 209104	Wasilla, City of	Iditarod Wells, 136' and 154'
ADL 209576	Norfolk Utilities	Well
ADL 209628	Southpark Terrace	Little Rabbit Creek
ADL 209828	Anchorage Water & Wastewater Utl.	Eagle River #8, Eagle Crest
ADL 210813	Eklutna Utilities, Inc.	Eagleridge, Parkview Terrace & East
ADL 210826	Seward, City of	Marathon Creek
ADL 212698	University of Alaska	Arts Building
ADL 212698	University of Alaska	Admin Building
ADL 214896	Soldotna, City of	Well D
ADL 401827	Kotzebue, City of	Devil's Lake, Vortac Reservoir
LAS 246	Anchorage Water & Wastewater Utl.	Well #13, Spruce and E. 64th Sts.
LAS 342	Offshore Systems, Inc.	Dutch Harbour, unnamed stream
LAS 636	Anchorage School District	Ravenwood Well
LAS 780	B & J Ventures, Inc.	Well, Snowshoe West
LAS 897	Moonah, City of	Well #2
LAS 969	McGrath, City of	Kuskokwim River
LAS 987	Wasilla, City of	Chinook Villa Well, 75'
LAS 1051	Anchorage Water & Wastewater Utl.	Ship Creek
LAS 1117	Royal Pacific Fisheries, Inc.	Well

Appendix F. Alaska Water-Use Cross Reference, 1994.

FILE NUMBER	FACILITY NAME	WATER SOURCE
LAS 1141	Wasilla, City of	Mission Hills Sub Phases 2&3 - Well
LAS 1145	Kodiak, City of	Monashka Creek
LAS 1270	Eagle Utilities, Inc.	Well
LAS 1312	Prince Wm. Sound Aquaculture, Inc.	Esther Lake Hydro
LAS 1389	Hilltop Ski Area	79' Well
LAS 1541	Wasilla, City of	Lacy Lafne Well
LAS 1936	British Petroleum	MPU Well A-2A
LAS 1938	British Petroleum	MPU Well CFP
LAS 1942	Juneau, City and Borough	New Salmon Creek Tailrace
LAS 1947	Peters Creek Trading Post	180' Well
LAS 2082	Johnson Development	2-101' Wells
LAS 2102	Eagle View Car Wash (W. Ortner)	Well
LAS 2183	Aleut Corp. - Midtown Estates	Well #2
LAS 2184	Aleut Corp. - Midtown Estates	Well #1
LAS 2280	British Petroleum	MPU L-Pad Lake
LAS 2281	British Petroleum	MPU Access Road
LAS 2285	British Petroleum	MPU Six Mile Lake
LAS 2394	Unalaska, City of	Unalaska Creek
LAS 2394	Unalaska, City of	Wells 2 and 2A
LAS 2394	Unalaska, City of	Wells 1 and 1A
LAS 2394	Unalaska, City of	Icy (Pyramid) Creek
LAS 2498	ARCO Alaska, Inc. (Kuparuk River)	3 Mile Lake
LAS 2530	Homer Electric Association, Inc.	Well
LAS 2531	Whittier, City of	Well 1, 80'
LAS 2532	Whittier, City of	Well 2, 80'
LAS 2533	Whittier, City of	Well 3, 80'
LAS 2569	Anchorage Water & Wastewater Util.	Eklutna Lake
LAS 2762	ARCO Alaska, Inc. (Kuparuk River)	CPF-2 Reservoir/Lake
LAS 2764	ARCO Alaska, Inc. (Kuparuk River)	8-Pit
LAS 2836	Alaska Energy Authority	Bradley Lake Hydro Generation
LAS 3017	Palmer, City of	Well #3
LAS 3024	Inlet Salmon (Inlet Fisheries Inc)	Kenai Well
LAS 3445	Cordova Electric Cooperative, Inc.	Humpback Creek
LAS 4070	Homestead Apartments & Trailer Ct.	Homestead Creek
LAS 5204	Wasilla, City of	Spruce Ave Wells, 236' and 240'
LAS 6516	Southcentral Utilities	280' and 543' Wells
LAS 6550	Petersburg Water Treatment Plant	Stream
LAS 6575	British Petroleum	Put 27 Mine Site
LAS 7247	Alaska Dept. of Fish & Game	Pillar Creek Hatchery, reservoir
LAS 7611	British Petroleum	Sag Mine Site C
LAS 9731	Hillside Park Homeowner's Assoc.	283' Well
LAS 9889	Palmer, City of	Well #4, 186'
LAS 11215	Soldotna, City of	Well E
LAS 11311	Seward, City of	SMIC Well A, Marine Indust.

Appendix F. Alaska Water-Use Cross Reference, 1994.

FILE NUMBER	FACILITY NAME	WATER SOURCE
LAS 11311	Seward, City of	Center SMIC Well 8, Marine Indust.
LAS 11320	Eek, Village of	Center Eek River
LAS 11321	Fort Yukon, Village of	Main Well
LAS 11329	Kasaan, City of	Linkum Creek
LAS 11427	Inlet Salmon (Inlet Fisheries Inc)	Kasilof Well
LAS 11465	Thorne Bay, City of	Water Lake
LAS 11600	U.S.D.O.T. F.A.A. Elmendorf A.F.B.	160 ft well
LAS 11794	Alaska Dept. of Fish & Game	Pillar Creek Hatchery, well
LAS 11795	Sand Point, City of	Humboldt Creek
LAS 11813	Alyeska Pipeline Service Co.	Allison Creek
LAS 11965	Port Graham, Village of	Unnamed Stream, WTP
LAS 12166	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12167	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12168	ARCO Alaska, Inc. (Prudhoe Bay)	Unnamed Lake
LAS 12169	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12170	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12172	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12173	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12174	ARCO Alaska, Inc. (Prudhoe Bay)	Unnamed Lake
LAS 12175	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12176	ARCO Alaska, Inc. (Prudhoe Bay)	Not Disclosed
LAS 12177	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12178	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12179	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12180	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12181	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12182	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12183	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12184	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12186	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12187	ARCO Alaska, Inc. (Prudhoe Bay)	Not disclosed
LAS 12188	ARCO Alaska, Inc. (Prudhoe Bay)	Pingo Lake
LAS 12263	Alaska Dept. of Fish & Game	Ft Richardson Hatchery, well 9
LAS 12268	Alaska Power & Telephone Co.	Dewey Lake Hydro Generation

Appendix F. Alaska Water-Use Cross Reference, 1994.

FILE NUMBER	FACILITY NAME	WATER SOURCE
LAS 12424	Inlet Salmon (Inlet Fisheries Inc)	Naknek Well
LAS 12588	University of Alaska	Palmer Exp. Station Well
LAS 12692	Eaglecrest Ski Area	Cropley Lake
LAS 12694	U.S.D.A. Forest Service - Tongass	Old Frank's Creek
LAS 12765	Anchor Point Safe Water Corp.	Main Well, 19'
LAS 13202	Hillside Motel & RV (M Morris)	Artesian Well, 20ft
LAS 13209	University of Alaska	Energy Mod. #1
LAS 13212	University of Alaska	Energy Mod. #2
LAS 13628	British Petroleum	6 Impoundments
LAS 13629	British Petroleum	16 Shallow Lakes
LAS 13791	Alyeska Pipeline Service Co.	Well
LAS 13864	University of Alaska	Business Building
LAS 13950	British Petroleum	Q & W - Pad Lakes
LAS 14042	British Petroleum	Yukon Gold Lakes
LAS 14396	ARCO Alaska, Inc. (Kuparuk River)	O Pit
LAS 14396	ARCO Alaska, Inc. (Kuparuk River)	Mine Site D
LAS 18597	ARCO Alaska, Inc. (Kuparuk River)	91-16
LAS 18626	British Petroleum	H & Z - Pad Lakes
LAS 18724	British Petroleum	Mouth of Sag River
LAS 18809	Knik View Water Group, Ltd.	100' Well
LAS 53816	Fairbanks, City of	Chena River
LAS 400793	ARCO Alaska, Inc. (Kuparuk River)	CPF1 Reservoir (Mine Site C)

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

Standard Industrial Classification (SIC) Code List

1. Select the "Division" from the list below.

DIVISION A AGRICULTURE, FORESTRY & FISHING
DIVISION B MINING
DIVISION C CONSTRUCTION
DIVISION D MANUFACTURING
DIVISION E TRANSPORTATION, COMMUNICATIONS,
ELECTRIC, GAS & SANITARY SERVICES
DIVISION F WHOLESALE TRADE
DIVISION G RETAIL TRADE
DIVISION H FINANCE, INSURANCE & REAL ESTATE
DIVISION I SERVICES

2. Check the sub-heading as set out under each "division" on the list.

3. Select the title under the sub-heading that best describes your business activity.

4. Write the four-digit number that appears in front of your selection in the space provided on your application.

5. Numbers ending with 99 will indicate "nec", which means "not elsewhere classified."

6. If the S.I.C. Code that describes your business is printed in ***bold italics***, you must meet additional regulatory requirements. Please see the instructions on the Alaska Business License Application.

DIVISION A. AGRICULTURE, FORESTRY, & FISHING

0100 Agricultural Production - Crops

0119 Cash Grains (inc. Barley Farms), nec.
0134 Potatoes
0139 Field Crops (exc. Cash Grains), nec.
0160 Vegetables & Melons
0171 Berry Crops
0179 Fruit and Tree Nuts, nec.
0181 Ornamental Nursery Products
0182 Food Crops Grown Under Cover
0190 General Farms
0191 General Farms, Primarily Crop

0200 Agriculture Production - Livestock

0212 Beef Cattle
0213 Hogs
0214 Sheep & Goats
0219 General Livestock, nec.
0241 Dairy Farms
0251 Broiler, Fryer and Roaster Chickens
0252 Chicken Eggs
0254 Poultry Hatcheries
0259 Poultry and Eggs, nec.
0271 Fur Animals & Rabbits
0272 Horses & Other Equines
0273 Animal Aquaculture (Finfish, Shellfish Farms)
0279 Animal Specialties, nec.
0291 General Farms, Primarily Animal

0700 Agricultural Services (inc. Animal, Livestock & Landscape)

0711 Soil Preparation Services
0721 Crop Planting, Cultivating & Protecting
0722 Crop Harvesting, Primarily by Machine
0723 Crop Preparation Services for Market
0741 Veterinary Services for Livestock
0742 Veterinary Services for Animal Specialties
0751 Livestock Services, exc. Veterinary
0752 Animal Specialty Services, exc. Veterinary
0781 Landscape Counseling & Planning
0782 Lawn & Garden Services
0783 Ornamental Shrub & Tree Services

0800 Forestry

0811 Timber Tracts
0831 Forest Nurseries & Gathering of Forest Products
0851 Forestry Services

0900 Fishing, Hunting & Trapping

0915 Fish Buyer
0921 Fish Hatcheries & Preserves
0971 Commercial Hunting, Trapping & Game Propagation

DIVISION B. MINING

Mining licenses issued through the Department of Revenue

1300 Oil & Gas Extraction

1311 Crude Petroleum & Natural Gas
1320 Natural Gas Liquids
1381 Drilling Oil & Gas Wells
1382 Oil & Gas Exploration Services

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

1389 Oil & Gas Field Services, nec.

DIVISION C. CONSTRUCTION

1500 General Building Contractors

1700 Special Trade Construction Contractors

1711 Plumbing, Heating, Air Conditioning

1799 Special Trade Contractors, nec.

1800 Construction Exempt From Contractor Registration

DIVISION D. MANUFACTURING

2000 Food & Kindred Products

2010 Meat Products

2020 Dairy Products

2030 Canned, Frozen & Preserved Fruits, Vegetables & Food
Specialties (inc. Jams & Jellies)

2040 Grain Mill Products

2050 Bakery Products

2060 Sugar & Confectionery Products

2070 Fats & Oils

2082 Malt Beverages

2084 Wines, Brandy & Spirits

2085 Distilled & Blended Liquors

2086 Bottled & Canned Soft Drinks & Carbonated Waters

2087 Flavoring Extracts & Syrups, nec.

2091 Canned & Cured Seafoods

2092 Prepared Fresh or Frozen Fish & Seafood

2095 Roasted Coffee

2096 Potato Chips, Corn Chips & Similar Snacks

2097 Manufactured Ice

2099 Food Preparations, nec.

2100 Tobacco Manufacturers

2200 Textile Mill Products

2221 Broadwoven Fabric Mills, Manmade Fiber and Silk

2241 Narrow Fabric & Other Small Wares Mills; Cotton, Wool,
Mohair or Similar Animal Fibers, Silk and Man-made Fibers

2250 Knitting Mills

2260 Dyeing and Finishing Textiles, exc. Wool, Fabrics & Knit
Goods

2270 Carpets & Rugs

2280 Yarn & Thread Mills

2299 Textile Goods, nec.

2300 Apparel & Other Textile Products

2310 Mens & Boys Suits, Coats, Overcoats

2320 Mens & Boys Furnishings, Work Clothing & Allied
Garments

2330 Womens, Misses & Juniors Outerwear

2350 Hats, Caps and Millinery

2360 Girls, Childrens & Infants Outerwear

2371 Fur Goods

2380 Misc. Apparel & Accessories

2390 Misc. Fabricated Textile Products

2400 Lumber & Wood Products

2411 Logging

2420 Sawmills & Planing Mills

2430 Millwork, Veneer, Plywood & Structural Wood Members
(inc. Wood Cabinets)

2440 Wood Containers

2451 Mobile Homes

2452 Prefabricated Wood Buildings & Components

2490 Misc. Wood Products

2499 Wood Products, nec.

2500 Furniture & Fixtures

2510 Household Furniture

2520 Office Furniture

2540 Partitions, Shelving, Lockers, Office & Store Fixtures

2590 Misc. Furniture & Fixtures

2600 Paper & Allied Products

2610 Pulp Mills

2620 Paper Mills

2631 Paperboard Mills

2650 Paperboard Containers & Boxes

2670 Converted Paper & Paperboard Products, exc. Containers
& Boxes

2700 Printing & Publishing

2710 Newspapers: Publishing, or Publishing & Printing

2720 Periodicals: Publishing, or Publishing & Printing

2731 Book Publishing

2732 Book Printing

2740 Misc. Publishing

2750 Commercial Printing

2760 Manifold Business Forms

2770 Greeting Cards

2790 Service Industries for the Printing Trade

2800 Chemicals & Allied Products

2810 Industrial Inorganic Chemicals

2820 Plastics and Synthetics, exc. Glass

2830 Drugs

2840 Soaps, Detergents & Cleaning Preparations, Perfumes,
Cosmetics & Other Toilet Preparations

2850 Paints, Varnishes, Lacquers, Enamels & Allied Products

2860 Industrial Organic Chemicals

2870 Agricultural Chemicals

2890 Misc. Chemical Products

2900 Petroleum Refining and Related Industries

2911 Petroleum Refining

2950 Asphalt Paving & Roofing Materials

2990 Misc. Petroleum & Coal Products

3000 Rubber & Misc. Plastics Products

3089 Plastics Products, Not Elsewhere Classified

3100 Leather & Leather Products

3111 Leather Tanning & Finishing

3130 Boot & Shoe Cut Stock & Findings

3140 Footwear, Except Rubber

3150 Leather Gloves & Mittens

3160 Luggage

3170 Handbags & Personal Leather Goods

3199 Leather Goods, nec.

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

3200 Stone, Clay, Glass & Concrete Products	4141 Local Bus Charter Service
3210 Flat Glass	4142 Bus Charter Service, Exc. Local
3220 Glass & Glass Ware Pressed or Blown	4151 School Buses
3230 Glass Products, Made of Purchased Glass	4170 Terminal & Service Facilities for Motor Vehicle Passenger Transportation
3240 Cement, Hydraulic	
3250 Structural Clay Products	4200 Motor Freight Transportation & Warehousing
3260 Pottery & Related Products	4210 Trucking & Courier Services, Except Air
3270 Concrete, Gypsum & Plaster Products	4220 Public Warehousing & Storage
3280 Cut Stone & Stone Products	4230 Trucking Terminal Facilities
3290 Abrasive, Asbestos & Misc. Nonmetallic Minerals Products	
3300 Primary Metal Industries	4300 U.S. Postal Service
3400 Fabricated Metal Products	
3500 Industrial/Commercial Machinery & Computer Equipment	4400 Water Transportation
3589 General Industrial Machinery and Equipment, nec.	4410 Deep Sea Foreign Transportation of Freight
3581 Manufacturing of Automatic Vending Machines	4420 Deep Sea Domestic Transportation of Freight
3600 Electronic & Other Electrical Equipment & Components, exc. Computer Equipment	4440 Water Transportation of Freight, nec.
3661 Telephone and Telegraph Apparatus (mfg. of)	4481 Deep Sea Transportation of Passengers, exc. by Ferry
3700 Transportation Equipment	4482 Ferries
3710 Motor Vehicles & Equipment	4489 Water Passenger Transport, nec.
3720 Aircraft & Parts	4491 Marine Cargo Handling
3730 Ship & Boat Building & Repairing	4492 Towing & Tugboat Services
3740 Railroad Equipment	4493 Marinas
3750 Motorcycles, Bicycles & Parts	4499 Water Transportation Services, nec. (inc. Marine Pilots)
3790 Misc. Transportation Equipment	
3800 Measuring, Analyzing & Controlling Instruments, Photographic, Medical & Optical Goods; Watches & Clocks	4500 Air Transportation
3821 Laboratory Apparatus and Furniture	4512 Air Transportation, Scheduled
3842 Orthopedic, Prosthetic and Surgical Appliances and Supplies	4513 Air Cargo Services
3845 Electromedical and Electrotherapeutic Apparatus	4522 Nonscheduled Air Transportation
3482 Small Arms Ammunition	4581 Airports, Flying Fields & Airport Terminal Services
3483 Ammunition Loading and Assembling Plants	
3900 Misc. Manufacturing Industries	4600 Pipelines, Except Natural Gas
3910 Jewelry, Silverware & Plated Ware	4612 Crude Petroleum Pipelines
3930 Musical Instruments	4613 Refined Petroleum Pipelines
3940 Dolls, Toys, Games & Sporting & Athletic Goods	4619 Pipelines, nec.
3950 Pens, Pencils & Other Artists Materials	4700 Transportation Services
3960 Costume Jewelry, Costume Novelties, Buttons & Misc. Notions exc. Precious Metals & Stones	4724 Travel Agencies
3990 Misc. Manufactures Industries	4725 Tour Operators
3993 Signs and Advertising Specialties	4729 Arrangement of Passenger Transportation, nec.
3999 Manufacturing Industries, nec.	4730 Arrangement of Transportation of Freight & Cargo
	4741 Rental of Railroad Cars
	4780 Misc. Services incidental to Transportation
	4800 Communication
	4810 Telephone Communications
	4820 Telegraph & Other Message Communications
	4832 Radio Broadcasting Stations
	4833 TV Broadcasting Stations
	4841 Cable & Other Pay Television Services
	4899 Communication Services, nec.
<u>DIVISION E. TRANSPORTATION & PUBLIC UTILITIES</u>	
4000 Railroad Transportation	4900 Electric, Gas & Sanitary Services
4100 Local & Suburban Transit & Interurban Highway Passenger Transportation	4911 Electric Services
4110 Local & Suburban Passenger Transportation	4920 Gas Production & Distribution
4119 Local Passenger Transport, nec.	4930 Combination Electric, Gas & Other Utility Services
4120 Taxicabs	4940 Water Supply
4130 Intercity & Rural Bus Transportation	4941 Water Supply/Delivery
	4952 Sewage Systems
	4953 Refuse Systems
	4959 Sanitary Services, nec./Snowplowing

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

4961 Steam & Air Conditioning Supply
4971 Irrigation Systems

DIVISION F. WHOLESALE TRADE

5000 Wholesale Trade - Durable Goods
5012 Automobiles & Other Motor Vehicles
5013 Motor Vehicle Supplies & New Parts
5014 Tires & Tubes
5015 Motor Vehicle Parts, Used
5021 Furniture
5023 Home Furnishings
5031 Lumber, Plywood, Millwork & Wood Panels
5032 Brick, Stone & Related Construction Materials
5033 Roofing, Siding & Insulation Materials
5039 Construction Materials, nec.
5040 Professional & Commercial Equipment/Supplies
5060 Electrical Goods
5070 Hardware, Plumbing & Heating Equipment
5080 Industrial Machinery, Equipment & Supplies
5091 Sporting & Recreational Goods & Supplies
5092 Toys & Hobby Goods & Supplies
5093 Scrap & Waste Materials
5094 Jewelry, Watches, Precious Stones & Precious Metals
5099 Durable Goods, nec.

5100 Wholesale Trade - Nondurable Goods
5110 Paper & Paper Products
5122 *Drugs, Proprietarys & Sundries (In-state)*
5130 Apparel, Piece Goods & Notions (inc. Footwear)
5140 Groceries & Related Products
5150 Farm Products Raw Materials
5160 Chemicals & Allied Products
5170 Petroleum & Petroleum Products
5180 Beer, Wine, & Distilled Beverages
5191 Farm Supplies
5192 Books, Periodicals & Newspapers
5193 Flowers, Nursery Stock & Florists Supplies
5194 Tobacco & Tobacco Products
5198 Paints, Varnishes & Supplies
5199 Nondurable Goods, nec.

DIVISION G. RETAIL TRADE

5200 Building Materials, Hardware, Garden Supply & Mobile Home Dealers
5211 Lumber & Other Building Materials Dealers
5231 Paint, Glass & Wallpaper Stores
5251 Hardware Stores
5281 Retail Nurseries & Garden Stores
5271 *Mobile Home Dealers*

5300 General Merchandise Stores
5311 Department Stores
5331 Variety Stores
5399 Misc. General Merchandise Stores

5400 Food Stores
5411 Grocery Stores
5421 Meat & Fish (Seafood) Markets, Inc. Freezer Provisions
5431 Fruit & Vegetable Markets

5441 Candy, Nut & Confectionary Stores
5451 Dairy Products Stores
5461 Retail Bakeries
5499 Misc. Food Stores

5500 Automotive Dealers & Gasoline Service Stations
5511 *New & Used Motor Vehicle Dealers*
5521 *Motor Vehicle Dealers (Used Only)*
5531 Auto & Home Supply Stores
5541 Gas Service Stations
5551 Boat Dealers
5561 *Recreational Vehicle Dealers*
5571 *Motorcycle Dealers*
5599 Automotive Dealers, nec. (inc. Aircraft Sales)

5600 Apparel & Accessory Stores
5611 Mens & Boys Clothing & Accessories
5621 Womens Clothing Stores
5632 Womens Accessory & Specialty Stores
5641 Childrens & Infants Wear Stores
5651 Family Clothing Stores
5661 Shoe Stores
5699 Misc. Apparel & Accessories (inc. Custom Tailors)

5700 Home Furniture, Furnishing & Equipment Stores
5712 Furniture Stores
5713 Floor Covering Stores
5714 Drapery & Upholstery Stores
5719 Misc. Home Furnishings Stores
5722 Household Appliance Stores
5731 Radio, Television & Consumer Electronics Stores
5734 Computer & Computer Software Stores
5735 Record & Pre-recorded Tape Stores
5736 Musical Instrument Stores

5800 Eating & Drinking Places
5812 Eating Places
5813 Drinking Places (Alcoholic Beverages)

5900 Miscellaneous Retail
5912 *Drug & Proprietary Stores (In and out-of-state retail)*
5921 Liquor Stores
5932 Used Merchandise Stores
5941 Sporting Goods Stores & Bicycle Shops
5942 Book Stores
5943 Stationary Stores
5944 Jewelry Stores
5945 Hobby, Toy & Game Shops
5946 Camera & Photographic Supply Stores
5947 Gift, Novelty & Souvenir Shops
5948 Luggage & Leather Goods Stores
5949 Sewing, Needlework & Piece Goods
5981 Catalog & Mail Order Houses
5962 Automatic Vending Machine Operators
5963 Direct Selling Organizations
5983 Fuel Oil Dealers
5984 Liquefied Petroleum Gas (Bottled) Dealers
5989 Fuel Dealers, nec (inc. Retail Coal & Fuel Wood Dealers)
5992 Florists
5993 Tobacco Stores & Stands
5994 News Dealers & News Stands

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

5995 Optical Goods Stores
5999 Misc. Retail Stores, nec. (inc. Art Galleries)

DIVISION H. FINANCE, INSURANCE & REAL ESTATE

6000 Depository Institutions
6011 Federal Reserve Banks
6019 Central Reserve Depository Institutions, nec. (inc. Federal Home Loan Banks)
6021 National Commercial Banks
6022 State Commercial Banks
6029 Commercial Banks, nec.
6035 Savings Institutions, Federally Chartered
6036 Savings Institutions, Not Federally Chartered
6081 Credit Unions, Federally Chartered
6082 Credit Unions, Not Federally Chartered
6080 Foreign Banks
6091 Nondeposit Trust Facilities
6099 Depository Banking Functions, nec.

6100 Nondepository Credit Institutions
6111 Federally Sponsored Credit Agencies
6141 Personal Credit Institutions
6150 Business Credit Institutions
6182 Mortgage Bankers & Loan Correspondents
6183 Loan Brokers

6200 Security & Commodity Brokers, Dealers Exchanges & Services
6211 Security Brokers, Dealers & Flotation Companies
6221 Commodity Contacts Brokers & Dealers
6231 Security & Commodity Exchanges
6282 Investment Advice
6289 Services Allied With the Exchange of Securities & commodities, nec.

6500 Real Estate
6512 Nonresidential Building Operators
6513 Apartment Building Operators
6514 Dwelling Operators, exc. Apt.
6515 Mobile Home Site Operators
6519 Lessors of Real Property, nec.
6531 Real Estate Agents & Managers
6532 Appraisers
6541 Title Abstract Offices
6550 Subdividers & Developers

6700 Holding & Others Investment Offices
6712 Office of Bank Holding Companies
6719 Holding Offices, nec.
6722 Management Investments Offices, Open-End
6728 Unit Investment Trusts, Face-Amount Certificate Offices, & Closed-End Management & Investments Offices
6732 Education, Religious & Charitable Trusts
6733 Trusts, nec.
6792 Oil Royalty Traders
6798 Real Estate Investment Trusts
6799 Investors, nec.

DIVISION I. SERVICES

7000 Hotels & Other Lodging Places
7011 Hotels, Motels & Tourist Courts
7021 Rooming & Boarding Houses
7032 Sporting & Recreational Camps
7033 Recreational Vehicles Parks & Campsites
7041 Hotels & Lodging Houses Operated by Membership Organizations

7200 Personal Services
7211 Power Laundries, Family & Commercial
7212 Garment Pressing
7213 Linen Supply
7215 Coin-op Laundry & Cleaning
7216 Dry Cleaning Plants, Except Rug
7217 Carpet & Upholstery Cleaning
7218 Industrial Launderers
7219 Laundry & Garment Services, nec.
7221 Photo Studios, Portrait
7231 Beauty Shops
7241 Barber Shops
7251 Shoe Repair
7261 Funeral Services & Crematories
7291 Tax Return Preparation Services
7299 Misc. Personal Services, nec.

7300 Business Services
7311 Advertising Agency
7312 Outdoor Advertising Service
7313 Radio, Television & Publishers Advertising Representatives
7319 Advertising, nec.
7322 Adjustment & Collection Services
7323 Credit Reporting Services
7331 Direct Mail Advertising Services
7334 Photocopying & Duplicating Services
7335 Commercial Photography
7336 Commercial Art & Graphic Design
7338 Secretarial & Court Reporting Services
7342 Disinfecting & Pest Control Services
7349 Building Maintenance Services, nec.
7350 Misc. Equipment Rental & Leasing
7361 Employment Agencies
7363 Help Supply Services
7370 Computer & Data Processing Services
7381 Detective & Protective Services
7382 Security Systems Services
7383 News Syndicates
7384 Photofinishing Labs
7389 Business Services, nec.

7500 Auto Repair Services & Garages
7513 Truck Rental & Leasing
7514 Passenger Car Rental
7515 Passenger Car Leasing
7519 Utility Trailer & Recreational Vehicle Rental
7521 Automobile Parking
7530 Auto Repair Shops
7536 Automotive Glass Replacement Shops
7542 Car Washes
7549 Auto Services, Except Repair & Car Washes

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

7600	Misc. Repair Services	8231	Libraries & Information Centers
7622	Radio & Television Repair Shops	8243	Data Processing Schools
7623	Refrigeration & Air Conditioning Service & Repair Shops	8244	Business & Secretarial Schools
7629	Electronic & Electrical Repair Shops, nec.	8249	Vocational Schools, nec.
7631	Watch, Clock & Jewelry Repair	8299	Schools & Educational Services, nec.
7641	Reupholstery & Furniture Repair		
7692	Welding Repair	8300	Social Services
7699	Repair Shops & Related Services, nec.	8322	Individual & Family Services
		8331	Job Training & Related Services
7800	Motion Pictures	8351	Child Care Services
7812	Motion Picture & Video Tape Production	8361	Residential Care
7819	Services Allied to Motion Pictures	8399	Social Services, nec.
7820	Motion Picture Distribution & Services		
7832	Motion Picture Theaters, exc. Drive-ins	8400	Museums, Art Galleries & Botanical & Zoological Gardens
7833	Drive-in Motion Picture Theaters		
7841	Video Tape Rental	8600	Membership Organizations
		8611	Business Associations
7900	Amusement & Recreation Services	8621	Professional Organizations
7911	Dance Halls, Studios & Schools	8631	Labor Organizations
7922	Theatrical Producers & Misc. Theatrical Services	8641	Civic, Social & Fraternal Associations
7929	Bands, Orchestras, Actors & Others Entertainers &	8651	Political Organizations
Entertainment Groups		8661	Religious Organizations
7933	Bowling Centers	8699	Member Organizations, nec.
7940	Commercial Sports		
7991	Physical Fitness Facilities	8700	Engineering, Accounting, Research, Management & Related Services
7992	Public Golf Courses	8711	Engineering Services
7993	Coin-op Amusement Devices	8712	Architectural Services
7996	Amusement Parks	8713	Surveying Services
7997	Membership Sports & Recreation Clubs	8721	Accounting & Auditing Services (C.P.A.s)
7999	Amusement, Recreation Services, nec. (Inc. Guide-Outfitters) and Charter Fishing and Charitable Gaming	8722	Bookkeeping Services
		8730	Research Development & Testing Services
8000	Health Services	8732	Commercial Economic, Sociological and Educational Research
8011	Offices & Clinics of Physicians	8733	Noncommercial Research Organization
8021	Offices & Clinics of Dentists	8740	Management and Public Relations Services
8031	Offices & Clinics of Osteopathic Physicians	8741	Management Services
8041	Offices & Clinics of Chiropractors	8742	Management Consulting Services
8042	Offices & Clinics of Optometrists	8743	Public Relations Services
8043	Offices & Clinics of Podiatrists	8744	Facilities Support Management Services
8049	Offices of Health Practitioners, nec.	8748	Business Consulting Services, nec.
8051	Skilled Nursing Care Facilities		
8052	Intermediate Care Facilities	8800	Private Households (Domestic Services)
8059	Nursing & Care Facilities	8811	Private Households Employing Domestic Service Workers
8060	Hospitals		
8062	General Medical & Surgical Hospitals	8999	Misc. Services, nec. (Artists, Writers)
8063	Psychiatric Hospitals		
8069	Specialty Hospitals, exc. Psychiatric		
8071	Medical Laboratories	<u>DIVISION J. PUBLIC ADMINISTRATION</u>	
8072	Dental Laboratories	9100	Executive, Legislative & General
8082	Home Health Care Services	9200	Justice, Public Order & Safety
8092	Kidney Dialysis Centers	9300	Finance, Taxation & Monetary Policy
8093	Specialty Outpatient Facilities, nec.	9400	Administration of Human Resources
8099	Health & Allied Services, nec.	9500	Environmental Quality & Housing
8111	Legal Services		
8200	Educational Services		
8211	Elementary & Secondary Schools		
8221	Colleges, Universities & Professional Schools		
8222	Junior Colleges & Technical Institutes		

Appendix G. 1993 ALASKA WATER-USE DATA SYSTEM SUMMARY

9600 Administration of Economic Programs

9700 National Security & Intl. Affairs

DIVISION K. NONCLASSIFIABLE ESTABLISHMENTS

9900 Nonclass Establishments

08-4078 (Rev. 9/94)(Transcribed)