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SUMMARY OF WATER-USE DATA IN ALASKA, 1988

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INTRODUCTION

Water-use data in Alaska are useful for conducting water resources investigations, planning, adjudicating water rights, and facilitating sound economic development. The Alaska Water-Use Data System (AWUDS), operated by the Alaska Division of Geological and Geophysical Surveys (DGGs), collects, stores, evaluates, and distributes these data. DGGs cooperates closely with the U.S. Geological Survey (USGS) and the Alaska Division of Land and Water Management (DLWM) in operating AWUDS.

The goal of AWUDS is to establish and operate a statewide site-specific water-use database for most types of water use in Alaska, to coordinate with other water-use databases, and to publish water-use data. This report presents site-specific data reported from 216 active water-use take points in Alaska for calendar year 1988 with descriptions of data collection, verification, storage, and presentation methodologies. This is an increase of 41 take points over 1987 data. The water-use data were collected from 73 unique user groups. Most of these data (53 percent) are from public-water supplies in 48 communities in Alaska. Thirty-three reported water-use data points from crude petroleum and natural gas related use have the next highest number of take points as a group (15 percent) in this report. AWUDS contains only sporadic data in other water-use categories such as agricultural, commercial, or industrial water supply. This report also describes the location and accessibility of other publicly-available water-use data in Alaska.

LOCATION OF ALASKAN WATER-USE DATA

Statewide summaries of water use in Alaska are published at 5-year intervals by the USGS (U.S. Geological Survey, 1983, 1985). These summaries include both reported data and estimates for all types of water use in the state. The Alaska Oil and Gas Conservation Commission (AOGCC) Bulletin is a monthly publication which has monthly summaries of all oil, gas, and water production, and injection wells serving the oil and gas industry in Alaska. This information is available from the early 1960's to the present, encompassing virtually the entire history of oil and gas production in Alaska. Annual summaries appear in the February issues. The oil and gas related water-use data that appear in this report are collected from sources other than the AOGCC Bulletin. They all are compiled from water rights related reports.

Hydroelectric power generation water-use data are also available for ten facilities in Alaska. The Alaska Power Administration has water-use data available in manual files for two hydroelectric projects and the Alaska Power Authority has four hydroelectric projects for which outflow streams are gaged (Eric Marchegiani, Alaska Power Authority, oral commun., 1987). These data are published by USGS in an annual report series entitled "Water Resources Data - Alaska". The remainder of the hydroelectric water-use data was obtained directly from power plant managers.

The DNR Division of Mining has water-use estimates available from approximately 500 active State placer mining claim applications per year. These claim applications are entered in the LAS mining subsystem and reviewed

by DLWM for water rights issuance. There are no reported mining water-use data in this summary. Most of the reliable water-use data for mining in Alaska is calculated as part of DLWM's water rights adjudication process, based on the type of mining equipment used. South-central Region DLWM has 384 permits, few certificates, and 31 applications pending for mining water rights as of September 1989 (G.J. Prokosch, DLWM, oral commun., 1989).

Most water-use data in Alaska are obtained through the water rights system which is administered by DLWM. Numerous water users are required to submit water-use data to DLWM as a condition of their water-use permits. DLWM maintains computer files of all water rights holders on a Land Administration System (LAS) database. LAS contains numerous databases of which the water rights and water-use subsystems are parts of. Water-use data are entered in a separate, but related, working area of the LAS and maintained by AWUDS personnel.

DATA ACQUISITION

AWUDS water-use data are acquired in three ways:

- 1) by obtaining photocopies of raw water-use records submitted to DLWM;
- 2) by requesting monthly water-use data from selected water users through questionnaire packets mailed at the beginning of each calendar year; and
- 3) by telephone conversations requesting water-use information from individuals, businesses, or other government agencies.

The first method of obtaining water-use data makes effective use of existing data collection activities of DLWM. DLWM requires metered water-use

records from water rights permittees using 30,000 gal/day of water or more. Water-rights permittees using between 500 gal/day and 30,000 gal/day of water may be required to submit water-use records at the discretion of the adjudicator (L.A. Carlson, DLWM, oral commun., 1987). The DNR Division of Management (DM) produces a monthly printout which lists all permitted or certified water rights holders that are required to submit water-use data. This printout is used to determine which of these applicants have water-use records available in DLWM's manual files and the potential to be used by AWUDS.

The second method of collecting water-use data is by sending a questionnaire packet directly to the water user asking for voluntary submittal of water-use data. The questionnaire packet requests submittal of information on the type and location of water sources and historic water-use data not yet submitted. By mid-January of each calendar year all water-use questionnaire packets for that calendar year are mailed to selected communities or water users by AWUDS staff. The questionnaire packets include 12 monthly water-use forms and 12 stamped self-addressed envelopes for use in returning water-use information to DGGS during the calendar year. Criteria used to select water users to receive packets include: 1) they have received questionnaires in previous years; 2) they are a community with its own public water-supply system; or 3) they are in an area of hydrologic interest to the State.

DGGS assumed responsibility for the entire AWUDS project from DLWM in 1986. During 1988, most of the documented pre-1986 water users were asked to report water use to DGGS. The main DLWM criteria for an AWUDS water-use site

was public suppliers. DGGs philosophy for incorporation of water users into the program, like DLWM, includes public water suppliers. Public water supply is a major water-use type in Alaska and the state has an interest in documenting the quantity and quality of water used by public water systems. DGGs also includes water uses that are in areas of hydrologic interest to the state. Many entities asked to report water use are being monitored for possible deletion from the AWUDS because of non-cooperation or reporting poor quality data. Generally, most sites chosen by DLWM for water-use data reporting continue to be asked by DGGs to cooperate because the quality of information received is at least adequate.

A third method of obtaining water-use data is used if water-use data cannot be collected through DLWM Water Management Section nor via the questionnaire packet. This method involves making personal contact by telephone or mail. Sometimes water-use information is more effectively obtained over the telephone because the feedback is immediate.

When monthly water-use reports from DLWM are missing, or monthly water-use questionnaire mailers lost or delinquent, mail or telephone inquiries are made to fill these gaps in data. DLWM personnel are contacted to make sure there are no missing reports available before reporting parties are contacted regarding missing data.

DATA COLLECTION METHODS

Water-use data are collected through use of water meters, weir techniques, pumping rate and time measurements, and reservoir level change calculations. Water use is most commonly recorded and reported monthly (81

percent). For some systems, daily, quarterly, semi-annual, or annual reports are made. Approximately 4 percent of all reports record water use on a quarterly basis and approximately 13 percent of the reports are sent as daily meter records or water-use quantities that have to be converted into monthly totals. Only 1 percent of all reported water-use data are acquired as semi-annually or annually recorded data. About 14 percent of all monthly recorded water-use reports also include daily meter readings. These reports are stored in AWUDS manual files. Data are usually collected at well heads or at inlets or outlets of storage tanks, or water or wastewater treatment facilities.

Some communities in Alaska do not have equipment for measuring actual water use, but provide estimates based on past data and recent events in their community. Although these estimates are included under the term "water-use data" in this report, they are specifically noted as estimates in the data tables. Similarly, most hydroelectric power generation sites measure water use in cubic feet per second (cfs) or acre-feet (AF) and fish hatcheries measure gallons per minute (gpm). Quantities reported as such have been converted to million gallons per day (MGD) and are noted as "calculated" in the data tables.

DATA VERIFICATION AND STORAGE

During 1989, commercially-available spreadsheet computer software (LOTUS 1-2-3, by Lotus Development Corp.) was used to calculate monthly and yearly average water-use quantities. These had previously been calculated manually. Eight spreadsheets have been designed to handle most different forms of reported water-use data received by AWUDS. Reports that are extremely irregular are custom calculated using one of the basic formulated

spreadsheets. Results of data compiled on these spreadsheets are checked for obvious clerical or reporting errors and stored in the LAS database as monthly totals, with information about the number of days per month that water was used or that data are available.. Additionally, information such as location, type of water source, type of records, type of use, and qualitative accuracy are entered. These data are available to any LAS user familiar with water rights computer files.

An important feature of water-use data storage is the appropriate classification of types of water use. AWUDS utilizes the Standard Industrial Classification (SIC) system, which is described by the U.S. Office of Management and Budget (1987) as follows:

The Standard Industrial Classification was developed for use in the classification of establishments by type of activity in which they are engaged; for purposes of facilitating the collection, tabulation, presentation, and analysis of data relating to establishments; and for promoting uniformity and comparability in the presentation of statistical data collected by various agencies of the United States government, State agencies, trade associations, and private research organizations. To be recognized as an industry, the group of establishments constituting the proposed classification must be statistically significant in the number of persons employed, the volume of business conducted, and other measures of economic activity.

The SIC system provides for the correlation of unique 4-digit codes to different types of business activities (Appendix F). These codes are assigned to each water user and entered into the LAS system. In addition to classification of water use by type of business activity or establishment, data are assigned hydrologic unit codes as shown in figure 1.

To provide more flexibility in data manipulation and retrievals, the 1988 water use data were transferred from the LAS system to a Data General MV-8000

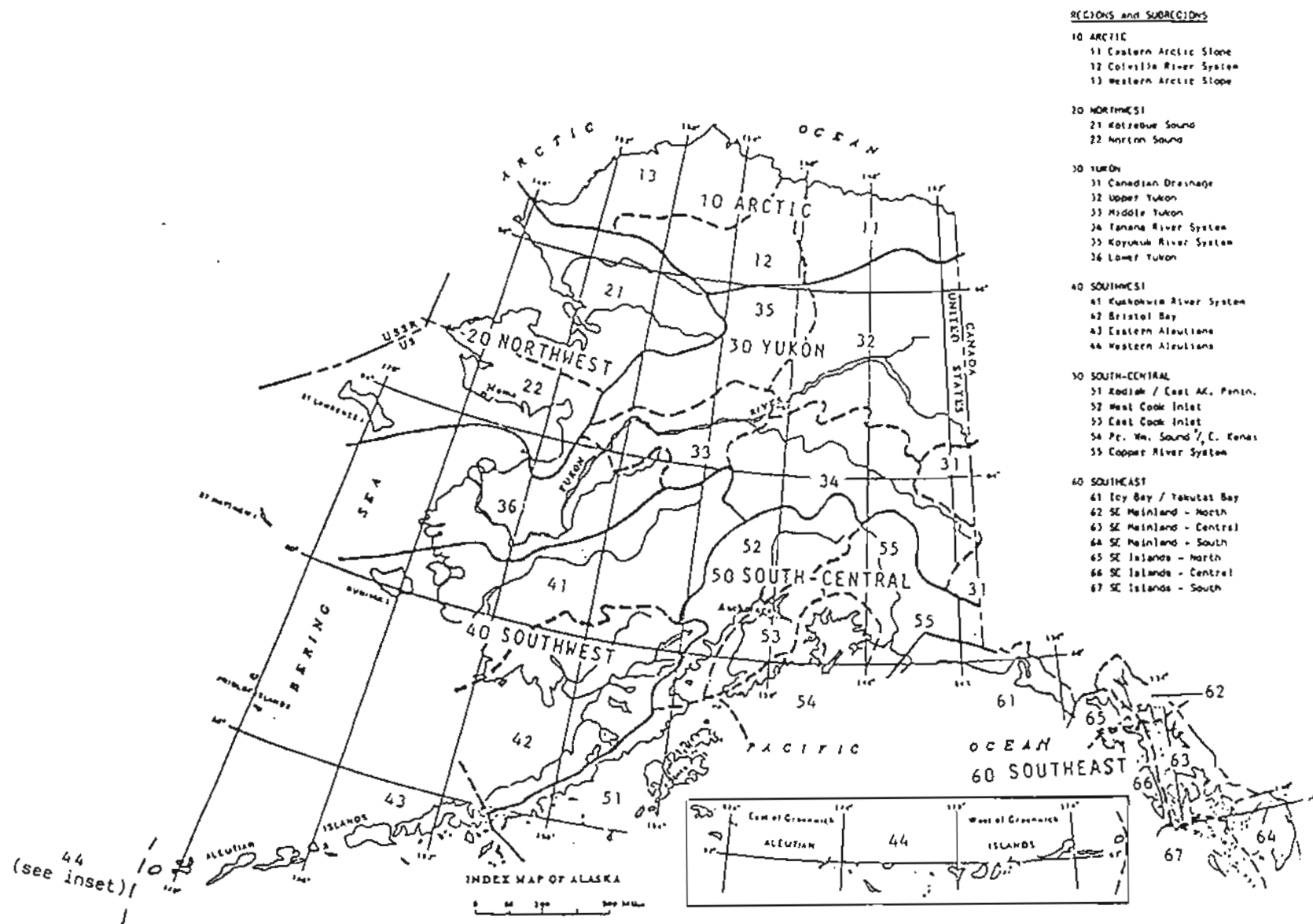


Figure 1. AWUDS generalized hydrologic unit map of Alaska, modified from the USGS, 1973.

minicomputer known as the "geoprocessor". This computer has geographic information system capabilities and commercially-available statistical packages (SAS and SASGRAPH). The data presented in this report were produced from geoprocessor files duplicated from the original LAS database.

All reported water users are assigned unique LAS file numbers. Approximately 82 percent (179) of all reported water users have some form of water rights; 41 percent are certificated, 32 percent are permitted, 6 percent are applications, 4 percent are closed; and the remaining 17 percent (37) are recorded as active water data points and do not have water rights. Priority dates of water rights are stored in the database under the water rights inquiry (WRI) screen data.

RESULTS

Table 1 summarizes types of reported water-use data in Alaska for 1988. In frequency, the dominant category is public water suppliers, representing data from all major communities in Alaska and many smaller ones from all geographic areas. Also, some water-use data are available from a diverse array of water-using establishments (see "other" category, Table 1).

A summary of data contained in this report is presented in Table 2. Appendix A contains complete explanations of data parameters and Appendix B contains a complete data listing ordered by facility name. Appendix C provides a cross reference between commonly used facility names and file numbers with LAS customer identification numbers and Alaska Department of Environmental Conservation (DEC) Public Water Supply Inventory (PWSI) identification number, for use in locating site specific data in Appendix B.

Table 1. Types of reported water-use in Alaska, 1988.

<u>SIC Category</u>	<u>Number of sources</u>	<u>Percentage of total users</u>
Public Water Supplies	115	53
Crude Petroleum and Natural Gas	33	15
Aquaculture	21	10
Sewerage Systems	12	6
Hydroelectric Power Generation	10	5
Nitrogenous Fertilizer Manufacture	4	2
Crude Petroleum Pipeline Services	3	1
National Security	3	1
Seafood Processing	3	1
Zoological Gardens	3	1
Petroleum Refining	2	1
Other (Agriculture, car washes, electric services, elementary and secondary schools, miscellaneous business services, nonresidential building operations, and recreational services)	<u>7</u>	<u>3</u>
TOTAL	216	99

Table 2. Comparison of water-use by types of withdrawal, 1988.

SIC Code	Description	Injected Water (MG)*	Transferred Water (TW) (MG)	Ground Water (GW) (MG)	Surface Water (SW) (MG)	Total (MG)	% of Total Use	% of Total TW Use	% of Total GW Use	% of Total SW Use
181	Agriculture	-	-	-	1.486	1.486	<<.01	-	-	<<.01
921	Aquaculture	-	15690.393	3605.649	12472.548	31768.590	7.14	74.95	28.44	3.03
1311	Crude Petroleum & Natural Gas	72.784	-	-	164.693	237.477	.05	-	-	.04
2091	Canned and Cured Seafoods	-	-	-	49.194	49.194	.01	-	-	.01
2092	Fresh and Frozen Seafoods	-	-	10.266	-	10.266	<.01	-	.08	-
2873	Nitrogenous Fertilizer Manufacture	-	-	949.113	-	949.113	.21	-	7.49	-
2911	Petroleum Refining	-	-	125.496	-	125.496	.03	-	.99	-
4612	Crude Petroleum Pipeline Services	-	-	5.872	-	5.872	<.01	-	.05	-
4911	Electric Services	-	-	25.636	-	25.636	.01	-	.20	-
4912	Hydroelectric Power Generation	-	-	-	370890.914	270890.914	83.41	-	-	90.24
4941	Public Water Supply	-	4408.349	7811.562	10356.268	22576.179	5.08	21.06	61.62	2.52
4952	Sewerage Systems	-	-	-	15479.083	15479.083	3.48	-	-	3.77
6512	Nonresidential Bldg. Operations	-	-	.600	-	.600	<<.01	-	<.01	-
7389	Misc. Business Services	-	-	.387	-	.387	<<.01	-	<.01	-
7542	Car Washes	-	-	.611	-	.611	<<.01	-	<.01	-
7999	Recreational Services	-	-	13.898	-	13.898	<.01	-	.11	-
8211	Elementary and Secondary Schools	-	-	.126	-	.126	<<.01	-	<.01	-
8422	Zoological Gardens	-	-	1.640	-	1.640	<<.01	-	.01	-
9711	National Security	-	836.114	126.475	1577.037	2539.626	.57	3.99	1.00	.38
TOTAL		72.784	36413.938	12677.332	410991.222	444676.193	99.97	100.00	99.99	99.99

* MG = million gallons

Appendix D contains an abbreviated retrieval of the data ordered by SIC codes, and Appendix E contains an abbreviated retrieval ordered by hydrologic unit code.

Total reported water use in Alaska, 1988, listed here was 444,676 million gallons (MG). Table 2 shows that hydroelectric power generation is the largest reported water use in Alaska in 1988 (370,891 MG). This includes four state, two federal, and eight municipal or borough hydroelectric facilities operating in Alaska during 1988. Hydroelectric water usage varies seasonally as a result of low summer and high winter electrical demand patterns.

Compared to the 1987 water-use data summary, aquaculture has replaced public water supply as the second largest water-use in 1988 (Table 2). The 1988 summary obtained more hatchery information than last year as a consequence of extensive cooperation by the Alaska Department of Fish and Game to AWUDS water-use data requests. Numerous federal, state, and private aquaculture enterprises also exist that have not yet been contacted for water-use data (T.R. McDaniels, ADFG, written commun., 1989).

The third largest and most frequently reported use of water is public water supplies (22,576 MG), which is at least partly a result of the emphasis of the AWUDS program to collect these types of data. To avoid confusion, it must be pointed out that DNR has not formally defined the meaning of a public water supplier. As part of water rights adjudication, DLWM uses the criteria of 5 or more homes on a single water system to assign the SIC code 4941 for a public water supplier (G.J. Prokosch, DLWM, oral commun., 1989). The SIC Manual defines water supply as: "Establishments primarily engaged in

distributing water for sale for domestic, commercial, and industrial use."

The DLWM definition used in this report differs from the definition of a "public water system" used by SIC and DEC. DEC defines a public water system as:

...any source of water, intake works, collection system, treatment works, storage facility, or distribution system from which water is available for human consumption; the term includes, but is also not limited to, systems providing water to more than one residential dwelling unit, or to a factory, office building, restaurant, school or other similar facility, but does not include a system serving only a single-family residence. (Alaska Department of Environmental Conservation, 1982).

DEC lists 3,148 active public water systems in Alaska (K.L. Lindley, DEC, written commun., 1989) of which 138 are among the 216 sources contained in this report. The discrepancy between the 138 public water systems and the 115 public water suppliers contained in this report (Table 1) is attributable to the greater number of classification categories of the SIC system as compared to the DEC system. The large number (approximately 3,010) of public water systems not contained in this report are mostly relatively small systems. This illustrates, however, that even in a water-use category that has received emphasis from the AWUDS program, a significant amount of water use may be unreported.

Twenty-seven percent of all reported water use occurred in the East Cook Inlet area which includes the Municipality of Anchorage (including Eagle River and Girdwood), Palmer, Kenai, Soldotna, and Homer. The next highest area of

reported water uses (23 percent) occurs in the Petersburg area (hydrologic unit 63). A large amount of total water use in these areas is hydroelectric use. Exclusive of hydroelectric water use, the percentages of reported water use in the East Cook Inlet area were 44 percent, in the Prince William Sound area, 26 percent with 3 other hydrologic units having between 4 and 9 percent of the total non-hydroelectric reported water use. Exclusive of aquaculture and hydroelectric reported water use, East Cook Inlet area uses 58 percent of all reported water use in Alaska, with the Fairbanks area next with 14 percent.

Typically, water use in Alaska is dominated by hydroelectric power generation (83 percent) and aquaculture is next (7 percent). All reported hydroelectric power generation water-use is surface water. Reported public water supply is the third greatest use type statewide (5 percent) and as reported it also is dominated by surface water withdrawals. Consequently, surface water is the dominant type of reported water withdrawal in Alaska.

Exclusive of hydroelectric power generation, aquaculture becomes the dominant water-use type with 43 percent, followed by public water supply (31 percent) then sewerage systems (21 percent). Exclusive of both hydroelectric and aquaculture water use, public water supply (54 percent) is followed by sewerage systems (37 percent).

DISCUSSION

Water-use data reported here do not always accurately represent actual or complete water use in Alaska. Field verification by AWUDS personnel of water-users data collection procedures does not occur. Water meters are

commonly uncalibrated, especially in smaller communities, and leaky water-supply lines occur. Many of the water users with large leakage problems are smaller communities with inadequate funding for maintenance and communities with shallowly-buried water supply lines that are subject to freezing and bursting. Additionally, even though public water supplies are usually used year-round, data are partially missing for 8 of the 216 sources listed in Appendix A.

As previously mentioned, this report does not describe all water use in Alaska in 1988. In addition to omitting data available elsewhere on hydroelectric use, oil and gas related water extraction, and mining use, water is estimated to have been used in Alaska in significantly greater quantities than are reported here for public water-supply, agriculture, seafood processing, manufacturing, and retail trade (U.S. Geological Survey, 1985). Considering all uses of water, the USGS (1985) estimated that 707,005 MG of water was used during 1985. Assuming that water use has not significantly changed between 1985 and 1988, this indicates that only approximately 63 percent of all water use is reported here.

ACKNOWLEDGEMENTS

This report was funded through a cooperative program with the U.S. Geological Survey. Jim Jurgens of DNR-Division of Management (DM) provided valuable computer assistance in transferring data files from the LAS water subsystem to the Data General computer and then translating these files into usable format. John Cacy, also of DM provided the original LAS water-use subsystem database extraction onto tape. Jim Munter of DGGS provided technical reviews and comments.

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APPENDIX A

Explanation of Table Headings

The following are explanations of the headings used for information printed in the tables for this report, listed in the order in which they appear.

FAC NAME or FACILITY NAME	The name of the water-using facility or installation with- drawing, returning, delivering or releasing, water.
FILE, TYPE, FILE TYPE, or FILE NUMBER	A unique combination of the File Type and Number associated with this case. File types are initiated from the Alaska Division of Lands (ADL) and LAS, respectively. File may be split into TYPE and NUMBER for some tables.
CID	The Customer Identification Number (CID) is a unique code, six-digit maximum length, used to identify the customer in the LAS. Established when new customers are initiated.
DEC-ID	A unique identification number assigned to a well by DEC as part of their statewide PWSI.
LATITUDE	The latitude of the water-using facility in degrees, minutes, and seconds. Precision to nearest tenth of a second.
LONGITUDE	The longitude of the water-using facility in degrees, minutes, and seconds. Precision to the nearest tenth of a second. East or west longitude indicated.
MERIDIAN	The meridian that the using facility is located in. (Alaska meridians are Copper River, Fairbanks, Kateel, Seward, and Umiat).
TOWN	The township that the using facility is located in.
RANGE	The range that the using facility is located in.
SECTION	The section that the using facility is located in.
QQ, Q	Aliquot parts of a section, describing the location of the using facility. Quarter quarter (QQ), and quarter (Q) sections are the limit of resolution, chosen from NE, NW, SW, or SE.
CN	The number of chains north of the south line of the Section. A chain equals 66 ft.
CW	The number of chains west of the east line of the Section. A chain equals 66 ft.

SOURCE/ DESTINATION	The name of the river, lake, bay, principal aquifer, public water supplier, sewage treatment facility, or entity from which water is withdrawn by the using facility. The name of the river, lake, bay, principal aquifer, public water supplier, sewage treatment facility, or entity to which water is returned or sent.																		
STATUS DESCRIPTION	A two-word code used to describe the status of water rights casefile for this particular water source and using facility.																		
POP.	The approximate population served by the respective water source listed. Sources are the ADEC PWSI and the Alaska Department of Community and Regional Affairs, Alaska Municipal Officials Directory, 1988.																		
FS	An assigned sequential number used for differentiation when two or more facilities of the same water rights number, withdrawal sequence, and use code exist.																		
USECODE or USE CODE	A one-character code expanded to a word and used to describe the nature of the water-use: W = WITHDRAWAL from a water body D = DELIVERY to the using facility T = RELEASE from the using facility R = RETURN to the water body																		
WS	A unique two-digit sequence code, within a facility, to identify a specific withdrawal, delivery or return of water. Facilities having many sources or returns, may have several unique withdrawal/return sequence codes.																		
USETYPE or USE TYPE	The type of water body from which water is withdrawn or returned by the using facility. TYPE codes include: - Ground water (GW) - Surface water (SW) - Transferred water (TW) (water transferred between two water-using facilities without passing through a natural water body) - Injection water (IW) (that is, water moved artificially from a surface location to the ground water system for storage or disposal). This code is valid only when the Withdrawal/Return Code is 'R'																		
NWUDS	The National Water Use Data System sub-category code that pertains to the water-use. NWUDS codes include: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Agriculture (non-irrigated) (AG)</td> <td style="width: 50%;">Mining (MI)</td> </tr> <tr> <td>Aquaculture (AQ)</td> <td>Navigation (NV)</td> </tr> <tr> <td>Commercial (CO)</td> <td>Nuclear Energy Power (PN)</td> </tr> <tr> <td>Domestic (DO)</td> <td>Preservation (PR)</td> </tr> <tr> <td>Fossil Fuel Power (PF)</td> <td>Quality Improvement (QI)</td> </tr> <tr> <td>Geothermal Power (PG)</td> <td>Recreation (RC)</td> </tr> <tr> <td>Hydroelectric Power (PH)</td> <td>Sewage Treatment (ST)</td> </tr> <tr> <td>Industrial (IN)</td> <td>Treaties (TR)</td> </tr> <tr> <td>Irrigation (IR)</td> <td>Water Supplier (WS)</td> </tr> </table>	Agriculture (non-irrigated) (AG)	Mining (MI)	Aquaculture (AQ)	Navigation (NV)	Commercial (CO)	Nuclear Energy Power (PN)	Domestic (DO)	Preservation (PR)	Fossil Fuel Power (PF)	Quality Improvement (QI)	Geothermal Power (PG)	Recreation (RC)	Hydroelectric Power (PH)	Sewage Treatment (ST)	Industrial (IN)	Treaties (TR)	Irrigation (IR)	Water Supplier (WS)
Agriculture (non-irrigated) (AG)	Mining (MI)																		
Aquaculture (AQ)	Navigation (NV)																		
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Domestic (DO)	Preservation (PR)																		
Fossil Fuel Power (PF)	Quality Improvement (QI)																		
Geothermal Power (PG)	Recreation (RC)																		
Hydroelectric Power (PH)	Sewage Treatment (ST)																		
Industrial (IN)	Treaties (TR)																		
Irrigation (IR)	Water Supplier (WS)																		

SIC or SIC CODE	The Standard Industrial Classification (SIC) codes applicable to the type of water-use (see appendix B).
RECORDS	The method used by the facility to determine the total quantity of water withdrawn or returned to or from a body of water. Methods are metered, calculated or estimated.
PERIOD	The applicable span of time over which water-use reports have been based. Choices are monthly, quarterly, and yearly.
ACCURACY	Contains a code indicating the accuracy of the methods used by the facility to measure the water quantity. The codes are: - Excellent - the figure for the amount of water used is accurate to within 5 percent of the actual value - Good - the figure for the amount of water used is accurate to within 5 to 10 percent of the actual value - Fair - the figure for the amount of water used is accurate within a range of 10 to 25 percent of the actual value - Poor - The figure for the amount of water used contains more than a 25 percent error. The code used is subjectively determined by conversations with meter readers and individuals reporting data. The degree of accuracy is sometimes absolutely known by meter calibrations or actual measurements with other types of flow meters. In instances when the accuracy cannot be reasonably determined, the code is chosen as fair or poor, depending on condition of equipment used or methods.
CONN.	The number of connections branching from the respective water source or supply line. This information is obtained from the DEC PWSI.
WELLS	The number of wells or sets of local springs associated with a particular water-use file type and number and used during the report year. The number of wells listed on a water right may be more than that actually used.
MONTHS	The number of months of the report period year that water-use records were available. A water source may have been used a greater number of months than is shown under this category because of the lack of reported data.
DAYS	The number of days per year that the water source was reported to have been used.

DAILY AVG or DAILYAVG	The average daily amount of water used per day computed for the number of days the water source was reportedly used during the year. Reported in MGD.
YEARLY AVG	The average daily amount of water used per day computed for the number of days in the report year. Reported in MGD. This entry is not calculated and a "." will appear if water-use reports for the calendar year are incomplete. Length of report years may vary from calendar years. YEARLY AVG may differ from DAILY AVG.
MAX. MONTH	The month of the calendar year during which the maximum amount of water was withdrawn or returned from a body of water according to available records. May be indeterminate because of lack or quality of data and field will be blank.
MIN. MONTH	The month of the calendar year during which the minimum amount of water was withdrawn or returned from a body of water according to available records. May be indeterminate because of lack or quality of data and field will be blank.
HYD	The two digit hydrologic unit code for using facility, based on State revisions to the USGS map series, "State Basic Hydrologic Unit Maps" (fig. 1). The series provides a set of maps showing drainage, culture, and hydrologic boundaries. The codes are as follows: 11 - Eastern Arctic Slope 12 - Colville River System 13 - Western Arctic Slope 21 - Kotzebue Sound 22 - Norton Sound 31 - Canadian Drainage 32 - Upper Yukon 33 - Middle Yukon 34 - Tanana River System 35 - Koyukuk River System 36 - Lower Yukon 41 - Kuskokwim River System 42 - Bristol Bay 43 - Eastern Aleutians 44 - Western Aleutians 51 - Kodiak/Eastern Alaska Peninsula 52 - Western Cook Inlet 53 - Eastern Cook Inlet 54 - Prince William Sound/Eastern Kenai 55 - Copper River System

61 - Icy Bay/Yakutat Bay
 62 - S.E. AK. Mainland - North
 63 - S.E. AK. Mainland - Central
 64 - S.E. AK. Mainland - South
 65 - S.E. AK. Islands - North
 66 - S.E. AK. Islands - Central
 67 - S.E. AK. Islands - South

JANUARY.. The quantity of water used during the named month (MGD). The
 DECEMBER entry "0.0000" indicates no water-use during the month. The
 entry " ." indicates no records available for the month.

OBS The sequential order that a data entry appears in a table.

MG_YEAR The cumulative amount of water used in a calendar year.
 Obtained by multiplying DAYS and DAILYAVG.

APPENDIX B. Water-use data in Alaska, 1988, arranged by facility name.

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FACILITY NAME		FILE	CID	DEC-10	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE SEC 00 0 CN CW			
SOURCE / DESTINATION		STATUS DESCRIPTION	POP.	FS	USE CODE	WS	USE TYPE	MWUJS			
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
ALASKA ELECTRIC LIGHT & POWER COMPANY											
			ADL 45780	124471	582031.3	1342401.3	W	COPPER RIVER 041S	067E	2 NE SE 30 13	
			SALMON CREEK/LOWER SALMON CREEK POWERHOUSE	CERTIFICATE REVIEWED	1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER	
4912	CALCULATED	MONTHLY	GOOD		366	36.276	36.276	57.0762	25.1746	18.8016	35.2550
22.9883	31.3716	24.5439	27.6648	39.9010	51.7126	42.2660	58.5691	57.0762	25.1746	18.8016	35.2550
ALASKA POWER & TELEPHONE COMPANY											
			LAS 12268	106255	632048.4	1433735.2	W	COPPER RIVER 018N	009E	14 NW NE 22 28	
			PERMIT ISSUED		1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER	
4912	CALCULATED	MONTHLY	GOOD		366	8.683	8.683	16.2545	11.4794	7.6749	4.6344
1.5830	0.8922	1.6471	1.8489	9.1343	16.7216	15.8385	16.2368	16.2545	11.4794	7.6749	4.6344
ALASKA POWER AUTHORITY, DCED											
			ADL 67278	124562	610425.4	1461808.5	W	COPPER RIVER 009S	006W	21 NE SW 39 45	
			PERMIT ISSUED		1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER	
4912	CALCULATED	MONTHLY	GOOD		366	70.747	70.747	88.5609	85.6736	71.5113	61.9621
63.2960	60.9443	54.4213	38.5395	69.3758	74.3190	87.3796	92.0224	88.5609	85.6736	71.5113	61.9621
ALASKA POWER AUTHORITY, DCED											
			ADL 100887	124562	561316.8	1312949.0	W	COPPER RIVER 065S	090E	21 NE SW 50 30	
			PERMIT ISSUED		1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER	
4912	CALCULATED	MONTHLY	GOOD		366	34.239	34.239	36.8212	34.0672	33.5409	37.3152
35.0132	36.1245	33.3734	31.9877	26.9615	30.5974	37.0209	38.0405	36.8212	34.0672	33.5409	37.3152
ALASKA POWER AUTHORITY, DCED											
			ADL 201559	124562	574107.1	1525447.2	W	SEWARD 029S	023W	2 NE SE 0 0	
			PERMIT ISSUED		1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER	
4912	CALCULATED	MONTHLY	GOOD		366	84.366	84.366	79.4915	83.3691	92.4169	85.9542
82.0765	82.0765	82.0765	84.3256	84.3256	84.3256	82.7228	89.1855	79.4915	83.3691	92.4169	85.9542
ALASKA ZOO											
			LAS 3260	174735	610732.7	1494728.0	W	SEWARD 012N	003W	15 SE SW 13 52	
			APPLICATION ACCEPTED		1	WITHDRAWAL	1	GROUNDWATER		COMMERCIAL	
8422	METERED	MONTHLY	GOOD		366	0.000	0.000	0.0002	0.0002	0.0002	0.0002
0.0003	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002	0.0002	0.0002
ALASKA ZOO											
			LAS 3260	174735	610732.7	1494728.0	W	SEWARD 012N	003W	15 SE SW 13 52	
			APPLICATION ACCEPTED		1	WITHDRAWAL	2	GROUNDWATER		COMMERCIAL	
8422	METERED	MONTHLY	GOOD		366	0.002	0.002	0.002	0.0017	0.0017	0.0016
0.0021	0.0020	0.0023	0.0021	0.0018	0.0023	0.0020	0.0020	0.0021	0.0017	0.0017	0.0016
ALASKA ZOO											
			LAS 3261	174735	610726.2	1494723.9	W	SEWARD 012N	003W	15 SE SW 3 49	
			APPLICATION ACCEPTED		1	WITHDRAWAL	1	GROUNDWATER		COMMERCIAL	
8422	METERED	MONTHLY	GOOD		366	0.002	0.002	0.002	0.0028	0.0028	0.0029
0.0011	0.0010	0.0017	0.0017	0.0018	0.0022	0.0021	0.0040	0.0025	0.0029	0.0028	0.0029
ALYESKA PIPELINE SERVICE COMPANY											
			ADL 64153	124668	485026.5	1484934.4	W	UMIAT 007S	014E	16 NW NW 66 77	
			CERTIFICATE ISSUED		25	1	WITHDRAWAL	1	GROUNDWATER		INDUSTRIAL
4612	CALCULATED	MONTHLY	GOOD		366	0.007	0.007	0.007	0.0077	0.0070	0.0075
0.0047	0.0037	0.0110	0.0053	0.0055	0.0060	0.0064	0.0061	0.0089	0.0077	0.0070	0.0075

APPENDIX B. (Continued)

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	QQ	Q	CN	CW
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE		NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONW.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH		HYD	
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
ALYESKA PIPELINE SERVICE COMPANY 40' WELL / PUMP STATION #5		ADL 401822	124668	350023	664914.5	1504039.5	W	FAIRBANKS	023N	014W	18 SE	NW	47	51
4612 CALCULATED MONTHLY		CERTIFICATE ISSUED		68	1	WITHDRAWAL	1	GROUNDWATER		INDUSTRIAL				
0.0047	0.0047	0.0032	0.0051	0.0082	0.0060	0.0048	0.0049	0.005	0.0049	0.0050	0.0052	0.0051	35	
ALYESKA PIPELINE SERVICE COMPANY WELL ? / PUMP STATION #6		LAS 3355	124668	360036	655043.1	1494357.7	W	FAIRBANKS	012N	010W	19 SW	NW	0	79
4612 METERED MONTHLY		ACTIVE DATA POINT		40	1	WITHDRAWAL	1	GROUNDWATER		INDUSTRIAL				
0.0034	0.0030	0.0034	0.0039	0.0042	0.0058	0.0040	0.0040	0.004	0.0049	0.0047	0.0045	0.0047	11	
ALYESKA UTILITIES, INC. WELL / ALYESKA SUBDIVISION, SECOND ADD.		LAS 1101	124675	212021	605750.1	1490643.6	W	SEWARD	010N	002E'	16 NE	NW	76	54
4941 METERED MONTHLY		PERMIT ISSUED		524	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.0815	0.0815	0.0815	0.0505	0.0505	0.0505	0.0529	0.0529	0.060	0.0529	0.0536	0.0536	0.0536	53	
ANCHORAGE, MUN. (AWWU) WELL #3, 3RD AVENUE / ANCHORAGE		ADL 44626	167803	220196	611314.7	1495132.1	W	SEWARD	013N	003W	17 SW	NW	59	62
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	3	GROUNDWATER		WATER SUPPLIER				
0.0380	0.1023	0.0491	0.4563	0.8016	0.1824	0.1415	0.0150	0.155	0.0012	0.0000	0.0372	0.0304	53	
ANCHORAGE, MUN. (AWWU) WELL #4, COMMERCIAL DR. / ANCHORAGE		ADL 44626	167803	210948	611330.1	1494931.0	W	SEWARD	013N	003W	9 SE	SW	3	52
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	4	GROUNDWATER		WATER SUPPLIER				
0.0350	0.1481	0.0889	0.4988	1.0438	0.1811	0.1779	0.0364	0.202	0.0014	0.0005	0.1207	0.0825	53	
ANCHORAGE, MUN. (AWWU) WELL #34 / HOLLOWBROOK, ANCHORAGE		ADL 45420	167803	220196	610913.4	1495145.4	W	SEWARD	012N	003W	6 SE	SE	8	3
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.5655	0.5570	0.3930	0.0246	0.0599	0.0326	0.0162	0.0614	0.148	0.0537	0.0001	0.0180	0.0051	53	
ANCHORAGE, MUN. (AWWU) WELL #20, CREEKSIDE PARK / ANCHORAGE		ADL 50906	167803	220196	611305.6	1494500.1	W	SEWARD	013N	003W	14 SE	NE	45	11
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.0285	0.0432	0.0388	0.0426	0.0553	0.0431	0.0644	0.1228	0.042	0.0502	0.0023	0.0032	0.0101	53	
ANCHORAGE, MUN. (AWWU) WELL #40, DIMOND HIGH SCHOOL / ANCHORAGE		ADL 50907	167803	220196	610834.6	1495549.8	W	SEWARD	012N	004W	11 NW	SE	28	30
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.3561	0.3769	0.4648	0.5373	0.1545	0.0000	0.0000	0.0000	0.157	0.0000	0.0000	0.0000	0.0000	53	
ANCHORAGE, MUN. (AWWU) WELL #37, CAMPBELL LAKE / ANCHORAGE		ADL 50908	167803	220196	610745.1	1495618.0	W	SEWARD	012N	004W	14 NE	SW	32	51
4941 METERED MONTHLY		CERTIFICATE ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.2954	0.2893	0.2103	0.1023	0.0333	0.0471	0.0900	0.0560	0.153	0.0581	0.0791	0.2722	0.3041	53	

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	Q	Q	CH	CU
SOURCE / DESTINATION		STATUS DESCRIPTION			PDP.	FS	USE CODE	WS	USE TYPE	NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD		
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
ANCHORAGE, MUN. (AWWU)				ADL 50909	167803	220196	611027.4	1495017.2 W	SEWARD	013N	003W	32 SE NE	42	7
WELL #27, HOMESTEAD ACRES / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.001	0.001	JANUARY				53
0.0072	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANCHORAGE, MUN. (AWWU)				ADL 50924	167803	220196	610924.5	1495719.0 W	SEWARD	012N	004W	3 NE SE	25	16
WELL #41, TOWN & COUNTRY / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.074	0.074	JULY		DECEMBER		53
0.0920	0.0956	0.0814	0.0758	0.1102	0.0757	0.1509	0.0701	0.0278	0.0432	0.0532	0.0174			
ANCHORAGE, MUN. (AWWU)				ADL 50926	167803	210045	611041.7	1495029.3 W	SEWARD	013N	003W	32 NE NE	64	16
WELL #26, WICKERSHAM PARK / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.001	0.001	JANUARY				53
0.0130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANCHORAGE, MUN. (AWWU)				ADL 50927	167803	220196	611035.9	1495432.9 W	SEWARD	013N	004W	36 SW NE	55	37
WELL #42, WINDEMERE / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.164	0.164	JANUARY				53
0.6292	0.4110	0.5525	0.2214	0.0791	0.0365	0.0414	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANCHORAGE, MUN. (AWWU)				ADL 51573	167803	220196	611907.0	1493216.8 W	SEWARD	014N	002W	12 SE NE	41	4
E.R.#4 / EAGLE RIVER HEIGHTS NORTH				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	4	12	366	0.033	0.033	APRIL		DECEMBER		53
0.0225	0.0253	0.0453	0.0800	0.0295	0.0571	0.0469	0.0224	0.0222	0.0162	0.0241	0.0069			
ANCHORAGE, MUN. (AWWU)				ADL 52514	167803	220196	611852.0	1493223.6 W	SEWARD	014N	002W	12 SE SE	18	9
E.R.#5 / EAGLE RIVER HEIGHTS SOUTH				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.004	0.004	MAY				53
0.0081	0.0080	0.0081	0.0081	0.0101	0.0070	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANCHORAGE, MUN. (AWWU)				ADL 54850	167803	210980	611030.7	1494315.1 W	SEWARD	013N	003W	36 SE NE	47	13
WELL #10A, CHUGACH FOOTHILLS / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	1.295	1.295	JUNE		NOVEMBER		53
0.8765	1.2102	1.2815	1.4132	1.5631	1.6534	1.5931	1.6125	1.3174	1.0271	0.7739	1.2094			
ANCHORAGE, MUN. (AWWU)				ADL 54850	167803	210998	611030.7	1494315.1 W	SEWARD	013N	003W	36 SE NE	47	13
WELL #11B, CHUGACH FOOTHILLS / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	1.092	1.092	JULY		DECEMBER		53
0.5044	0.6779	1.0103	1.4438	1.5797	1.7098	1.7520	1.6061	1.2182	0.7199	0.5251	0.3509			
ANCHORAGE, MUN. (AWWU)				ADL 62222	167803	220196	611117.6	1494242.9 W	SEWARD	013N	002W	30 NW SW	39	69
WELL #25, MILITARY #1 / ANCHORAGE				CERTIFICATE ISSUED	.	1	WITHDRAWAL	1	GROUNDWATER			WATER SUPPLIER		
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.239	0.239	JANUARY		APRIL		53
0.4664	0.1877	0.0518	0.0418	0.1568	0.2177	0.2265	0.2429	0.2318	0.3298	0.3527	0.3542			

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FACILITY NAME			FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	00	0	CH	CV
SOURCE / DESTINATION			STATUS DESCRIPTION			PDP.	FS	USE CODE	WS	USE TYPE	NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD			
JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
ANCHORAGE, MUN. (AWWU)			ADL 63855			167803	210053	610851.5	1494818.2 W	SEWARD	012N	003W	9 SE NE 54	9	
WELL 28A, WINCHESTER HEIGHTS / ANCHORAGE			PERMIT ISSUED				985	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.067	0.067	0.067	JUNE	DECEMBER	53		
0.0677	0.0447	0.0489	0.0647	0.1081	0.1285	0.1251	0.0618	0.0356	0.0436	0.0411	0.0311				
ANCHORAGE, MUN. (AWWU)			ADL 65644			167803	220196	610840.5	1495331.6 W	SEWARD	012N	004W	12 NE SE 37	7	
WELL #36, QUEENSGATE / ANCHORAGE			CERTIFICATE ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.003	0.003	0.003	JANUARY		53		
0.0335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANCHORAGE, MUN. (AWWU)			ADL 65787			167803	220196	611108.6	1495228.1 W	SEWARD	013N	003W	30 NW SE 25	24	
WELL #7, 40TH AVE & DENALI / ANCHORAGE			CERTIFICATE ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.777	0.777	0.777	MAY	JANUARY	53		
0.0549	0.1681	0.1870	1.1483	2.0935	1.7264	1.4635	1.1127	0.1440	0.3642	0.4361	0.4026				
ANCHORAGE, MUN. (AWWU)			ADL 67201			167803	210972	611344.5	1494303.0 W	SEWARD	013N	003W	12 NE SE 25	4	
WELL #9, CENTENNIAL PARK / ANCHORAGE			CERTIFICATE ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.124	0.124	0.124	MAY	SEPTEMBER	53		
0.0436	0.0686	0.0583	0.2811	0.8604	0.0390	0.0718	0.0000	0.0000	0.0000	0.0000	0.0259	0.0308			
ANCHORAGE, MUN. (AWWU)			ADL 201555			167803	220196	610923.2	1495250.0 W	SEWARD	012N	003W	6 NE SW 23	51	
WELL #35A, ALAGCO / ANCHORAGE			APPLICATION ACCEPTED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.126	0.126	0.126	JULY	SEPTEMBER	53		
0.1791	0.1650	0.2274	0.0715	0.1725	0.1553	0.2742	0.0811	0.0148	0.0725	0.0819	0.0152				
ANCHORAGE, MUN. (AWWU)			ADL 201920			167803	220196	610822.3	1494703.8 W	SEWARD	012N	003W	10 SW SE 9	34	
WELL #29, SERVICE HANSEW H.S./ANCHORAGE			PERMIT ISSUED				100	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.007	0.007	0.007	JUNE	AUGUST	53		
0.0063	0.0070	0.0070	0.0073	0.0074	0.0084	0.0074	0.0058	0.0077	0.0067	0.0070	0.0071				
ANCHORAGE, MUN. (AWWU)			ADL 201921			167803	220196	610741.8	1495151.8 W	SEWARD	012N	003W	18 NE SE 27	8	
WELL #38, SPENARD BUILDERS / ANCHORAGE			CERTIFICATE ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.163	0.163	0.163	JANUARY	SEPTEMBER	53		
0.5770	0.5662	0.4273	0.0575	0.1261	0.0380	0.0379	0.0583	0.0137	0.0141	0.0245	0.0274				
ANCHORAGE, MUN. (AWWU)			ADL 202997			167803	220196	611103.4	1495255.0 W	SEWARD	013N	003W	30 SE SW 17	44	
WELL #12, 40TH AVE. & "B" STS./ANCHORAGE			PERMIT ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.620	0.620	0.620	JUNE	JANUARY	53		
0.0560	0.1209	0.1476	1.0993	0.7939	1.4136	1.2467	1.1292	0.1632	0.3360	0.4903	0.4276				
ANCHORAGE, MUN. (AWWU)			ADL 203956			167803	220196	610621.5	1494958.0 W	SEWARD	012N	003W	29 NE NE 63	4	
WELL #31, HUFFMAN HILLS / ANCHORAGE			CERTIFICATE ISSUED				.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.189	0.189	0.189	FEBRUARY	NOVEMBER	53		
0.5286	0.5294	0.3437	0.1611	0.2428	0.1744	0.2205	0.0323	0.0136	0.0190	0.0032	0.0098				

APPENDIX B. (Continued)

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FACILITY NAME		FILE		CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE SEC Q Q CN CW				
SOURCE / DESTINATION		STATUS DESCRIPTION		PDP.	FS	USE CODE	WS	USE TYPE	NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD	
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
ANCHORAGE, MUN. (AWWU)		ADL 209828 167803 212291		611848.1 1493202.6 W		SEWARD		014N		001W 7 SW SW 12 71			
E.R.#8 / EAGLECREST		CERTIFICATE ISSUED		300		1 WITHDRAWAL 1		GROUNDWATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	B4	12	366	0.023	0.023	0.023	JULY	FEBRUARY	53	
0.0077	0.0047	0.0188	0.0104	0.0188	0.0179	0.0409	0.0377	0.0306	0.0242	0.0229	0.0369		
ANCHORAGE, MUN. (AWWU)		LAS 246 167803 220196		610949.2 1494857.2 W		SEWARD		012N		003W 4 NW NE 63 38			
WELL #13 / SPRUCE & E.64TH STS. ANCHORAGE		CERTIFICATE ISSUED		1		1 WITHDRAWAL 1		GROUNDWATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	1	12	366	1.334	1.334	1.334	JANUARY	NOVEMBER	53	
2.5075	2.4918	2.4349	2.3275	2.3809	2.4686	1.1294	0.1626	0.1733	0.0001	0.0000	0.0003		
ANCHORAGE, MUN. (AWWU)		LAS 907 167803 220196		610730.8 1494903.5 W		SEWARD		012N		003W 16 SE SW 10 43			
WELL #14, SPRINGHILL ELEM. SCHOOL / ANCH		CLOSED		1		1 WITHDRAWAL 1		GROUNDWATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	1	12	366	0.007	0.007	0.007	JANUARY		53	
0.0411	0.0236	0.0190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
ANCHORAGE, MUN. (AWWU)		LAS 1051 167803 210906		611324.5 1493737.4 W		SEWARD		013N		002W 16 NE NE 74 2			
SHIP CREEK / WATER TREATMENT FACILITY		PERMIT ISSUED		112,535		1 WITHDRAWAL 1		SURFACE WATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	12	366	15.153	15.153	15.153	15.153	JULY	MAY	53	
15.3535	15.4404	15.5508	13.1362	12.8336	17.9244	18.5630	15.9751	15.2320	13.9198	14.4555	13.4803		
ANCHORAGE, MUN. (AWWU)		LAS 2493 167803		611150.0 1500109.2 W		SEWARD		013N		004W 20 SE SE 9 11			
ANCHORAGE SEWAGE TREAT. PLANT/COOK INLET		PERMIT ISSUED		1		1 RETURN 1		SURFACE WATER		SEWAGE TREATMENT			
4952	METERED	MONTHLY	GOOD	12	366	27.532	27.532	27.532	27.532	APRIL	FEBRUARY	53	
23.7030	22.3420	23.3520	34.0830	29.3290	25.8100	27.6650	29.9770	30.0170	29.1980	27.5980	27.2140		
ANCHORAGE, MUN. (AWWU)		LAS 2569 167803		612434.3 1490723.9 W		SEWARD		015N		002E 8 NE NE 65 12			
EKLUTNA LAKE / WATER TREATMENT PLANT		PERMIT ISSUED		1		1 WITHDRAWAL 1		SURFACE WATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	12	153	3.187	1.332	1.332	1.332	DECEMBER	SEPTEMBER	53	
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.7223	2.4545	3.4168	3.6448	3.6866		
ANCHORAGE, MUN. (AWWU)		LAS 11862 167803 212877		612432.3 1492714.0 W		SEWARD		015N		001W 9 NE NE 62 17			
OBERG WELL, 184' / PETERS CREEK		APPLICATION ACCEPTED		375		1 WITHDRAWAL 1		GROUNDWATER		WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	1	12	366	0.007	0.007	0.007	JULY		53	
0.0091	0.0088	0.0107	0.0102	0.0108	0.0102	0.0111	0.0000	0.0049	0.0000	0.0021	0.0018		
ANCHORAGE, MUN. (AWWU)		LAS 12453 167803		611853.3 1493520.9 W		SEWARD		014N		002W 11 SW NW 20 60			
ER WASTEWATER TREAT. PLANT / EAGLE RIVER		ACTIVE DATA POINT		1		1 RETURN 1		SURFACE WATER		SEWAGE TREATMENT			
4952	METERED	MONTHLY	GOOD	12	366	0.849	0.849	0.849	0.849	APRIL	JANUARY	53	
0.7935	0.8069	0.8710	0.9667	0.9290	0.8433	0.8000	0.8161	0.8200	0.8581	0.8367	0.8516		
ANCHORAGE, MUN. (AWWU)		LAS 12454 167803		605700.5 1490902.5 W		SEWARD		010N		002E 19 NE NE 80 0			
BIRCHWOOD WW TREAT. PLANT / GLACIER CREEK		ACTIVE DATA POINT		1		1 RETURN 1		SURFACE WATER		SEWAGE TREATMENT			
4952	METERED	MONTHLY	GOOD	12	366	0.368	0.368	0.368	0.368	APRIL	JULY	53	
0.3620	0.3449	0.4781	0.6029	0.4908	0.2577	0.2150	0.2435	0.2803	0.3346	0.2928	0.5097		

APPENDIX B. (Continued)

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	00	Q	Q	CN	CU
SOURCE / DESTINATION		STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE		MWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH		HYD		
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
ANCHORAGE, MUN. (LT. & POWER)															
WELL / PLANT #2 COOLING TOWER															
4911	ESTIMATED	MONTHLY	GOOD												
0.3066	0.3986	0.2907	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0170	0.5276	0.4142			
ANCIENT TREE, INC.															
101' WELL / SHORE OF ANCIENT TREE SUBD.															
4941	METERED	MONTHLY	GOOD												
0.0123	0.0122	0.0119	0.0186	0.0104	0.0095	0.0095	0.0094	0.0167	0.0068	0.0111	0.0120				
ARCO ALASKA, INC.															
WEBSTER RESERVOIR / CAMP USE															
1311	METERED	MONTHLY	GOOD												
0.0107	0.0158	0.0156	0.0104	0.0101	0.0026										
ARCO ALASKA, INC.															
WEBSTER RESERVOIR / RIG USE															
1311	METERED	MONTHLY	GOOD												
0.0017	0.0017	0.0024	0.0021	0.0012	0.0008										
ARCO ALASKA, INC.															
USMURAVIK RIVER / KUPARUK CPF-1 FACILITY															
1311	METERED	MONTHLY	GOOD												
0.0696	0.0791	0.0794	0.0891	0.0806	0.0807	0.0706	0.0559	0.0624	0.0509	0.0558	0.0649				
ARCO ALASKA, INC.															
UNNAMED LAKE / ARCO ALASKA, INC.															
1311	METERED	MONTHLY	GOOD												
0.0461	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0309				
ARCO ALASKA, INC.															
UNNAMED LAKE / RIG USE															
1311	METERED	MONTHLY	GOOD												
0.0008	0.0013	0.0001	0.0004	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0005			
ARCO ALASKA, INC.															
UNNAMED LAKE / CAMP USE															
1311	METERED	MONTHLY	GOOD												
0.0051	0.0103	0.0043	0.0054	0.0027	0.0023	0.0063	0.0033	0.0045	0.0063	0.0085	0.0061				
ARCO ALASKA, INC.															
UNNAMED LAKE / ICE ROAD USE															
1311	METERED	MONTHLY	GOOD												
0.2710	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

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APPENDIX B

FACILITY NAME		FILE		CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE SEC QD Q CN CW				
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE	NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD	
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
ARCO ALASKA, INC.		LAS 10094 155174						702027.6 1494208.0 W	UMIAT	011N	010E 6 NE NW 66 48		
UNNAMED LAKE / ICE ROAD USE		ACTIVE DATA POINT						9 WITHDRAWAL 1	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	62	0.040	0.007	JANUARY		11	
0.0793	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	
ARCO ALASKA, INC.		LAS 10094 155174						702027.6 1494208.0 W	UMIAT	011N	010E 6 NE NW 66 48		
UNNAMED LAKE / RIG USE - D.S. 1Y		ACTIVE DATA POINT						9 WITHDRAWAL 2	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	304	0.031	0.026	MAY		11	
0.0248	0.0212	0.0314	0.0381	0.0443	0.0286	0.0000	0.0000	0.0199	0.0362	0.0418	0.0234		
ARCO ALASKA, INC.		LAS 10094 155174						702027.6 1494208.0 W	UMIAT	011N	010E 6 NE NW 66 48		
UNNAMED LAKE / CAMP USE (KCS ?)		ACTIVE DATA POINT						9 WITHDRAWAL 3	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	335	0.005	0.004	OCTOBER		11	
0.0052	0.0049	0.0044	0.0042	0.0042	0.0045	0.0000	0.0025	0.0053	0.0061	0.0053	0.0043		
ARCO ALASKA, INC.		LAS 10094 155174						702327.7 1494945.1 W	UMIAT	012N	009E 3 SE NW 48 50		
UNNAMED LAKE / ICE ROAD USE		ACTIVE DATA POINT						16 WITHDRAWAL 1	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	29	0.020	0.002	FEBRUARY		11	
0.0000	0.1981	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ARCO ALASKA, INC.		LAS 10094 155174						702527.7 1494945.1 W	UMIAT	012N	009E 3 SE NW 48 50		
UNNAMED LAKE / RIG USE (3-J ?)		ACTIVE DATA POINT						16 WITHDRAWAL 2	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	91	0.017	0.004	JANUARY		11	
0.0230	0.0188	0.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ARCO ALASKA, INC.		LAS 10094 155174						702527.7 1494945.1 W	UMIAT	012N	009E 3 SE NW 48 50		
UNNAMED LAKE / CAMP USE		ACTIVE DATA POINT						16 WITHDRAWAL 3	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	31	0.001	0.000	MARCH		11	
0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ARCO ALASKA, INC.		LAS 10094 155174						702240.1 1495237.9 W	UMIAT	012N	009E 21 NW SE 30 60		
UNNAMED LAKE / ICE ROAD USE		ACTIVE DATA POINT						18 WITHDRAWAL 1	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	30	0.022	0.002	NOVEMBER		11	
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0221	0.0000		
ARCO ALASKA, INC.		LAS 10094 155174						702816.6 1494718.5 W	UMIAT	013N	009E 22 NW NE 68 16		
UNNAMED LAKE / CAMP USE		ACTIVE DATA POINT						23 WITHDRAWAL 1	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	92	0.001	0.000	AUGUST		11	
0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0003	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	
ARCO ALASKA, INC.		LAS 10094 155174						702816.6 1494718.5 W	UMIAT	013N	009E 22 NW NE 68 46		
UNNAMED LAKE / RIG USE (3-D ?)		ACTIVE DATA POINT						23 WITHDRAWAL 2	SURFACE WATER		INDUSTRIAL		
1311	METERED	MONTHLY	GOOD			12	91	0.013	0.003	AUGUST		11	
0.0000	0.0000	0.0000	0.0000	0.0000	0.0099	0.0000	0.0230	0.0042	0.0000	0.0000	0.0000	0.0000	

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FACILITY NAME		FILE		CID	DEC-ID	LATITUDE	LONGITUDE	HERIDIAN	TOWN	RANGE	SEC	00	0	CN	CM
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE	MWUDS						
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD				
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
ARCO ALASKA, INC. UNNAMED LAKE / CONSTRUCTION USE 1311 METERED 0.0000			LAS 10094 ACTIVE DATA POINT	155174	702856.3	1495027.1	W	UMIAT SURFACE WATER	013N	009E	16	SW	NW	50	63
				12	31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. UNNAMED LAKE / RIG USE (3-Q ?) 1311 METERED 0.0000			LAS 10094 ACTIVE DATA POINT	155174	702856.3	1495027.1	W	UMIAT SURFACE WATER	013N	009E	16	SW	NW	50	63
				12	61	0.0000	0.014	0.002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0230	0.0042	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. UNNAMED LAKE / CAMP USE 1311 METERED 0.0000			LAS 10094 ACTIVE DATA POINT	155174	702856.3	1495027.1	W	UMIAT SURFACE WATER	013N	009E	16	SW	NW	50	63
				12	31	0.0000	0.001	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. UNNAMED LAKE / D.S. 13, RIG USE 1311 METERED 0.0000			LAS 11389 ACTIVE DATA POINT	155174	701303.3	1482849.6	W	UMIAT SURFACE WATER	010N	014E	13	SW	SW	21	63
				12	61	0.0000	0.034	0.006	0.0000	0.0000	0.0334	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0348	0.0334	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. UNNAMED LAKE / D.S. 15, RIG USE 1311 METERED 0.0000			LAS 11389 ACTIVE DATA POINT	155174	701753.4	1483416.7	W	UMIAT SURFACE WATER	011N	014E	22	NW	NW	68	73
				12	62	0.0000	0.015	0.002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0282	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. PUT. RIVER / PUT. 23, 27, RIG USE 1311 METERED 0.0506			LAS 11389 ACTIVE DATA POINT	155174	701657.3	1483223.2	W	UMIAT SURFACE WATER	011N	014E	27	NE	NE	62	14
				12	182	0.0000	0.022	0.011	0.0000	0.0000	0.0129	0.0000	0.0140	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0213	0.0026	0.0129	0.0000	0.0140	0.0000	0.0000
ARCO ALASKA, INC. EXPLORATION LAKE / CAMP USE 1311 METERED 0.0000			LAS 11652 CLOSED	106346	694934.9	1485413.4	W	UMIAT SURFACE WATER	006N	013E	33	SE	SW	12	45
				6	29	0.0000	0.002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. EXPLORATION LAKE / RIG USE 1311 METERED 0.0000			LAS 11652 CLOSED	106346	694934.9	1485413.4	W	UMIAT SURFACE WATER	006N	013E	33	SE	SW	12	45
				6	60	0.0000	0.024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11
			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ARCO ALASKA, INC. SAGAVANIRKOTOK RIVER/SAG SITE C, RIG USE 1311 METERED 0.0474			LAS 11759 ACTIVE DATA POINT	106346	701444.4	1481529.1	W	UMIAT SURFACE WATER	010N	015E	2	SE	SW	17	42
				12	275	0.0000	0.029	0.022	0.0000	0.0000	0.0159	0.0000	0.0048	0.0000	11
			0.0245	0.0676	0.0398	0.0000	0.0000	0.0066	0.0062	0.0000	0.0159	0.0000	0.0048	0.0000	0.0048

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FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	00	Q	CH	CM							
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE	NWUDS											
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD											
JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
ARCO ALASKA, INC.				LAS 11759			106346	.	701444.4	1481529.1	W	UMIAT	010N	015E	2	SE	SW	17	42				
SAGAVANIRKTOK RIVER/SAG.SITE'C',CAMP				USE ACTIVE DATA POINT			.	1	WITHDRAWAL	2	SURFACE WATER	INDUSTRIAL											
1311	METERED	MONTHLY	GOOD	.	.	12	30	0.003	0.000	JUNE						11							
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ARCO ALASKA, INC.				LAS 12188			106346	.	701709.9	1482729.2	W	UMIAT	011N	014E	24	SW	SE	1	21				
PINGO LAKE / RIG USE				PERMIT ISSUED			.	1	WITHDRAWAL	1	SURFACE WATER	INDUSTRIAL											
1311	METERED	MONTHLY	GOOD	.	.	6	90	0.049	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0.0000	0.0589	0.0528	0.0353	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ARCO ALASKA, INC.				LAS 12525			155174	.	702036.0	1482650.8	W	UMIAT	011N	014E	1	NE	NE	79	1				
KUPARUK FIELD, INJECTION WATER / UNDERGR				ACTIVE DATA POINT			.	1	RETURN	1	INJECTION WATER	INDUSTRIAL											
1311	METERED	MONTHLY	FAIR	.	3	12	121	0.602	0.199	.	.	.	.	.	.	.	.	.	.	.	.	.	
0.3506	0.9351	0.7928	0.3407	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
B & J VENTURES, INC.				LAS 780			141533	220058	613201.6	1492942.4	W	SEWARD	017N	001W	29	NE	SW	33	45				
WELL / B & J VENTURES - SHOPPING CENTER				PERMIT ISSUED			.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	2	1	12	366	0.004	0.004	0.004	NOVEMBER	SEPTEMBER				52							
0.0037	0.0037	0.0037	0.0036	0.0037	0.0038	0.0041	0.0039	0.0033	0.0039	0.0060	0.0050	0.0060	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
CHUGACH ELECTRIC ASSOCIATION, INC.				ADL 39886			125203	240757	602403.8	1493943.9	W	SEWARD	004N	002W	32	SE	NW	79	40				
COOPER LAKE / POWERHOUSE				CERTIFICATE ISSUED			.	1	WITHDRAWAL	1	SURFACE WATER	HYDROELECTRIC POWER											
4912	CALCULATED	MONTHLY	GOOD	.	.	12	305	88.957	74.131	JULY						54							
109.4708	102.7498	12.4927	0.0000	0.0000	6.9215	153.6335	86.6690	89.5580	92.5456	127.7903	107.2544	127.7903	107.2544	107.2544	107.2544	107.2544	107.2544	107.2544	107.2544	107.2544	107.2544		
CHUGIAK - EAGLE RIVER INDUSTRIES				LAS 1947			166741	.	612429.8	1492700.5	W	SEWARD	015N	001W	9	SE	NE	58	7				
180' WELL/ STEPHENS SUBD., ADD. #1				PERMIT ISSUED			.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
7389	METERED	MONTHLY	GOOD	.	1	12	153	0.003	0.001	OCTOBER	DECEMBER				53								
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0025	0.0029	0.0028	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021		
CONOCO, INC.				LAS 2285			106432	.	701904.6	1492419.4	W	UMIAT	011N	011E	8	SE	SW	18	48				
MINE SITE'B' (GRAVEL PIT) / ?				PERMIT ISSUED			.	1	WITHDRAWAL	1	SURFACE WATER	INDUSTRIAL											
1311	METERED	MONTHLY	GOOD	.	.	12	270	0.004	0.003	MAY	MARCH				11								
0.0042	0.0045	0.0039	0.0045	0.0048	0.0044	0.0041	0.0043	0.0039	0.0044	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043		
COOK INLET AQUACULTURE ASSOCIATION				ADL 215411			156400	.	612836.1	1490908.3	W	SEWARD	016N	002E	18	NE	SE	37	8				
EKLUTNA LK PWRPLANT TAILACE / HATCHERY				CERTIFICATE ISSUED			.	1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE											
921	METERED	MONTHLY	GOOD	.	.	12	78	4.031	0.859	AUGUST						53							
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4304	4.0310	4.0310	0.7802	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
COOK INLET AQUACULTURE ASSOCIATION				LAS 11314			156400	.	612812.0	1490857.5	W	SEWARD	016N	002E	18	NE	SE	0	0				
WELLS / HATCHERY				PERMIT ISSUED			.	1	WITHDRAWAL	1	GROUNDWATER	AQUACULTURE											
921	METERED	MONTHLY	GOOD	.	3	12	366	0.965	0.965	0.965	APRIL	JULY				53							
0.7636	0.8459	1.1428	1.0613	1.3827	0.4776	0.3615	0.9856	0.9856	0.9856	0.9171	0.9446	0.9143	0.9143	0.9143	0.9143	0.9143	0.9143	0.9143	0.9143	0.9143	0.9143		

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FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	00	0	CH	CW
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE		NWUDB			
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD				
JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
CRAIG, CITY OF WASTEWATER TREATMENT PLANT / OCEAN				ADL 62346	125358	120193	552838.8	1330909.8 W	COPPER RIVER 074S	081E	4 SE NE 13 23					
4952 METERED MONTHLY FAIR				CERTIFICATE ISSUED			1	RETURN	1	SURFACE WATER		SEWAGE TREATMENT				
0.1190	0.1364	0.1328	0.1162	0.0909	0.1129	0.1188	0.0948	0.1137	0.1408	0.1249	0.1225					
CRAIG, CITY OF SUNNY HAY MT. SPRING / CITY OF CRAIG				ADL 62346	125358	120193	552813.7	1330739.1 W	COPPER RIVER 074S	081E	8 SE NE 54 24					
4941 METERED MONTHLY GOOD				CERTIFICATE ISSUED			1,167	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER			
0.2662	0.2841	0.2067	0.2035	0.2063	0.2297	0.2501	0.2589	0.2163	0.1992	0.1855	0.2196					
CRESTBROOK WATER ASSOC., INC. WELL / CRESTBROOK WATER ASSOCIATION				ADL 206632	125365	210867	610842.4	1495304.4 W	SEWARD	012N	003W	7 NW SW 40 62				
4941 METERED MONTHLY GOOD				CERTIFICATE ISSUED			1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.0081	0.0082	0.0081	0.0083		4	121	0.008									
DAWN DEVELOPMENT CORPORATION WELL / WYNTER PARK SUBDIVISION				LAS 863	125408	211431	612442.8	1492518.9 W	SEWARD	015N	001W	10 NE NE 78 12				
4941 ESTIMATED MONTHLY GOOD				PERMIT ISSUED			532	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER			
0.1319	0.1319	0.1319	0.1341	0.1341	0.1341	0.1273	0.1273	0.1273	0.1296	0.1296	0.1296					
DAWN DEVELOPMENT CORPORATION OUTSIDE WELL / DAWN SUBDIVISION				LAS 864	125408	211431	612502.5	1492506.7 W	SEWARD	015N	001W	3 NE SE 28 3				
4941 ESTIMATED MONTHLY GOOD				PERMIT ISSUED			1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003					
DAWN DEVELOPMENT CORPORATION INSIDE WELL / DAWN SUBDIVISION				LAS 865	125408	211431	612501.8	1492506.7 W	SEWARD	015N	001W	3 NE SE 27 3				
4941 ESTIMATED MONTHLY GOOD				PERMIT ISSUED			1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER				
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
BILLINGHAM, CITY OF WELLS 1 & 2 / CITY OF BILLINGHAM				ADL 46054	125481	260197	590229.5	1582718.4 W	SEWARD	013S	055W	21 NW NE 70 28				
4941 METERED MONTHLY FAIR				CERTIFICATE ISSUED			899	1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER			
0.1097	0.1086	0.1347	0.1404	0.1297	0.1679	0.1976	0.1298	0.1045	0.0928	0.0826	0.0980					
DIV. ADM. CONTR. & FAC. OFC., DFG KITOI LAKE / KITOI BAY HATCHERY				ADL 39808	124286	250003	581126.8	1522215.5 W	SEWARD	023S	019W	15 NW NW 79 47				
921 CALCULATED MONTHLY GOOD				CERTIFICATE ISSUED			1	WITHDRAWAL	1	SURFACE WATER		AQUACULTURE				
4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800	4.6800					
DIV. ADM. CONTR. & FAC. OFC., DFG CRYSTAL LAKE TAILRACE WATER / HATCHERY				ADL 53285	7877	240448	563640.4	1324909.1 W	COPPER RIVER 061S	081E	6 NW SW 29 7					
921 CALCULATED MONTHLY GOOD				CERTIFICATE ISSUED			1	DELIVERY	1	TRANSFERRED WATER		AQUACULTURE				
5.1840	5.3280	5.4720	5.7600	6.6240	2.5920	6.6240	9.3600	9.3600	8.7840	5.1840	5.1840					

APPENDIX B. (Continued)

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	DD	Q	Q	CN	CW
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE		NWUBS					
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD			
JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 53292		163021	.			611436.7	1494223.9 W	SEWARD	013N	002W	6 NE	SW 25	54
SHIP CREEK / FT. RICHARDSON HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	4.524	4.524	4.524					53
4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	4.5239	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 62373		124286	.			601733.6	1511617.5 W	SEWARD	002N	012W	1 NE	NE 38	8
CROOKED CREEK / HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	2.919	2.919	2.919	MAY	JULY			53
2.0160	2.0160	2.0160	2.0160	2.7360	7.2000	4.3200	1.2960	3.0240	3.3120	3.0240	2.0160	2.0160	2.0160	2.0160	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 66177		124286	.			592603.1	1512424.8 W	SEWARD	008S	013W	36 SW	SE 5	20
TUTKA CREEK / HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	1.440	1.440	1.440					53
1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	1.4400	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 80510		124286	.			611402.0	1494900.0 W	SEWARD	013N	003W	9 SW	NE 52	29
SHIP CREEK / ELEMENDORF HATCHERY		CLOSED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	6.233	6.233	6.233	MAY	JULY			53
6.3360	6.3360	5.1120	5.7600	8.6400	7.2000	3.7440	4.3200	4.3200	4.3200	7.2000	7.9200	7.9200	7.9200	7.9200	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 80511		163021	.			611438.6	1494249.5 W	SEWARD	013N	002W	6 NW	SW 28	73
8 WELLS, 24-44' DEEP / FT. RICH. HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	GROUNDWATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	8	12	366	1.565	1.565	1.565	JULY	FEBRUARY			53
1.0793	1.0793	1.0793	1.0793	1.0793	1.0793	1.7255	2.5851	2.5851	2.5851	1.7255	1.0793	1.0793	1.0793	1.0793	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 200196		124286	.			551038.9	1624107.3 W	SEWARD	058S	088W	7 NW	NE 68	36
RUSSELL CREEK / HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	1.416	1.416	1.416	AUGUST	NOVEMBER			43
0.8640	0.8640	0.8640	0.8640	0.8640	0.8640	1.4400	0.2880	5.7600	4.3200	0.2880	0.2880	0.2880	0.2880	0.2880	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 203919		124286	.			603106.3	1480641.9 W	SEWARD	005N	008E	18 SW	SE 9	34
MAIN LAKE / MAIN BAY HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	SURFACE WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	11.992	11.992	11.992		JUNE			54
14.4000	14.4000	12.9600	11.5200	10.0800	8.6400	8.6400	10.0800	10.0800	11.5200	12.9600	14.4000	14.4000	14.4000	14.4000	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 206780		163021	.			611434.7	1494234.7 W	SEWARD	013N	002W	4 SE	SW 22	62
10 SHALLOW WELLS / FT. RICH. HATCHERY		CERTIFICATE ISSUED		.				1	WITHDRAWAL	1	GROUNDWATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	10	12	366	2.646	2.646	2.646		FEBRUARY			53
2.1585	2.1585	2.1585	2.1585	2.1585	2.1585	2.8048	3.6708	3.6708	3.6708	2.8048	2.1585	2.1585	2.1585	2.1585	
DIV. ADM. CONTR. & FAC. OFC., DFG		ADL 400192		124286	.			641728.6	1491102.3 W	FAIRBANKS	007S	008W	20 NE	SW 27	50
CLEAR AFB COOLING TOWER WATER / HATCHERY		CERTIFICATE ISSUED		.				1	DELIVERY	1	TRANSFERRED WATER	AQUACULTURE			
921	CALCULATED	MONTHLY	GOOD	.	.	12	366	0.800	0.800	0.800	JULY	NOVEMBER			34
0.6437	0.8669	0.8416	0.8928	0.9130	0.9115	1.1045	0.8640	0.8670	0.8670	0.4579	0.2909	0.8755	0.8755	0.8755	

FACILITY NAME	FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	Q	Q	CN	CW
SOURCE / DESTINATION	STATUS DESCRIPTION	POP.	FS	USE CODE	WS	USE TYPE	MMUIDS						

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FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE	SEC	QQ	Q	CH	CW
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE	MWUDS			
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD			
JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
EKLUTNA UTILITIES, INC.				LAS 1848	125573	213077	611838.8	1493247.9	W	SEWARD	014N	002W	13	NW	NE 78 27
EAGLERIDGE WELLS 1-3 / PARKVIEW TERRACE				APPLICATION ACCEPTED			1,149	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	383	1	12	366	0.133	0.133	0.133	JUNE	OCTOBER	53		
0.1197		0.1209	0.1215	0.1414	0.1496	0.1793	0.1745	0.1363	0.1148	0.1102	0.1129	0.1118			
EKLUTNA UTILITIES, INC.				LAS 2811	125573	211156	612702.1	1492213.4	W	SEWARD	016N	001W	25	SW	NE 52 35
101' WELL / THUNDERBIRD HEIGHTS SUBD.				PERMIT ISSUED			75	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.023	0.023	0.023	DECEMBER	FEBRUARY	53		
0.0210		0.0181	0.0198	0.0217	0.0265	0.0257	0.0225	0.0223	0.0215	0.0259	0.0199	0.0348			
ELIM, CITY OF				ADL 75895	125579	340345	645551.0	1610948.5	W	KATEEL	006S	012W	31	NE	NE 70 11
WELL / CITY OF ELIM				CERTIFICATE ISSUED			274	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	FAIR	60	1	12	366	0.022	0.022	0.022	AUGUST	APRIL	22		
0.0247		0.0184	0.0179	0.0167	0.0227	0.0255	0.0257	0.0271	0.0264	0.0227	0.0212	0.0174			
ELIM, CITY OF				ADL 75895	125579	340345	645551.0	1610948.5	W	KATEEL	006S	012W	31	NE	NE 70 11
PUMPHOUSE / CITY OF ELIM				CERTIFICATE ISSUED			.	1	WITHDRAWAL	2	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	FAIR	.	1	12	366	0.020	0.020	0.020	JULY	JANUARY	22		
0.0186		0.0190	0.0192	0.0193	0.0189	0.0211	0.0246	0.0197	0.0196	0.0192	0.0202	0.0187			
ERU, INC.				LAS 1059	162712	213289	611845.5	1492907.7	W	SEWARD	014N	001W	8	SW	SE 8 22
WELLS #1 & 2 / HYLEN CREST SUBDIVISION				PERMIT ISSUED			25	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	2	12	366	0.007	0.007	0.007	JUNE	MARCH	53		
0.0064		0.0059	0.0044	0.0049	0.0091	0.0100	0.0095	0.0081	0.0057	0.0079	0.0079	0.0070			
FAIRBANKS MUNICIPAL UTILITY SYSTEM				ADL 53813	114790	310730	645049.8	1474358.4	W	FAIRBANKS	001S	001W	10	NW	NW 68 58
WELLS / WATER DISTRIBUTION SYSTEM				CERTIFICATE ISSUED			.	1	DELIVERY	1	TRANSFERRED WATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	4	12	366	3.035	3.035	3.035	JULY	JANUARY	34		
2.8303		2.8308	2.9155	2.8878	3.0417	3.5148	3.5508	3.2391	2.9414	2.8732	2.8984	2.8804			
FAIRBANKS MUNICIPAL UTILITY SYSTEM				ADL 53813	114790	310730	645049.1	1474356.9	W	FAIRBANKS	001S	001W	10	NW	NW 67 57
WATER TREATMENT FACILITY / FAIRBANKS				CERTIFICATE ISSUED			.	1	RELEASE	1	TRANSFERRED WATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	4	12	366	2.845	2.845	2.845	JULY	JANUARY	34		
2.6443		2.6761	2.7373	2.7153	2.8559	3.3003	3.3326	3.0501	2.7420	2.7078	2.6734	2.6970			
FAIRBANKS MUNICIPAL UTILITY SYSTEM				ADL 53813	114790	310730	645051.1	1474412.2	W	FAIRBANKS	001S	001W	10	NW	NW 70 67
WELL 1A / CITY OF FAIRBANKS				CERTIFICATE ISSUED			.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	2.631	2.631	2.631	APRIL	OCTOBER	34		
3.1680		3.1680	3.1680	3.2736	3.1680	2.8468	3.1680	0.9964	2.6224	0.0000	2.8952	3.1680			
FAIRBANKS MUNICIPAL UTILITY SYSTEM				ADL 53813	114790	310730	645052.4	1474403.0	W	FAIRBANKS	001S	001W	10	NW	NW 72 61
WELL 2A / CITY OF FAIRBANKS				CERTIFICATE ISSUED			.	1	WITHDRAWAL	2	GROUNDWATER	WATER SUPPLIER			
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.048	0.0000	0.048	JUNE	34			
0.0052		0.0112	0.0000	0.0000	0.0000	0.5670	0.0000	0.0000	0.0034	0.0000	0.0000	0.0000			

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	Q	CN	CM
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE	NWUDS				
SIC	RECORDS	PERIOD	ACCURACY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	HYD	
FAIRBANKS MUNICIPAL UTILITY SYSTEM													
WELL 3A / CITY OF FAIRBANKS			ADL 53813	114790	310730	645051.8	1474355.3	W FAIRBANKS	001S	001W	10 NE NW	71	56
4941 METERED	MONTHLY	GOOD	CERTIFICATE ISSUED	1	12	366	1	WITHDRAWAL	3	GROUNDWATER	DECEMBER	34	
2.4480	2.4445	2.4480	2.5296	2.4480	2.3593	2.4480	2.3526	2.4593	2.4513	0.2108	0.0000		
FAIRBANKS MUNICIPAL UTILITY SYSTEM													
WASTEWATER TREATMENT FACILITY / TANANA R			LAS 225	114790		644811.3	1474614.8	W FAIRBANKS	001S	001W	28 NW NW	64	68
4952 METERED	MONTHLY	GOOD	CERTIFICATE ISSUED	2	12	366	5.372	1	SURFACE WATER	DECEMBER	34		
5.0290	5.1172	5.3032	5.4833	5.4677	5.6800	5.6484	5.5226	5.5400	5.4419	5.3233	4.9129		
FAIRBANKS MUNICIPAL UTILITY SYSTEM													
FIREWELL #3 / WATER TREATMENT FACILITY			LAS 239	114790	310730	645051.1	1474416.7	W FAIRBANKS	001S	001W	10 NW NW	70	70
4941 METERED	MONTHLY	GOOD	CLOSED	1	12	122	1.394	0.465	OCTOBER	0.2480	0.0000	34	
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.8735	0.5040	2.8839				
FORT YUKON, CITY OF													
MAIN WELL / WATER TREATMENT PLANT			LAS 11321	6292	360256	663400.3	1451600.1	W FAIRBANKS	020N	012E	18 NE NE	79	49
4941 METERED	MONTHLY	FAIR	ACTIVE DATA POINT	672	1	WITHDRAWAL	1	GROUNDWATER	JUNE	0.0153	0.0194	32	
0.0183	0.0131	0.0177	0.0214	0.0150	0.0228	0.0219	0.0176	0.0182	0.0173				
GRAYLING, CITY OF													
WATER TREATMENT PLANT / VILLAGE			ADL 75908	125869	280066	625435.6	1600459.8	W SEWARD	033N	057W	34 NW SE	57	72
4941 METERED	MONTHLY	POOR	APPLICATION ACCEPTED	211	1	RELEASE	1	TRANSFERRED WATER	0.0118	0.0254	0.0137	36	
0.0023	0.0024	0.0023	0.0024	0.0023	0.0024	0.0023	0.0023	0.0042	0.0042				
GRAYLING, CITY OF													
29' WELL / LOOP #1, GRAYLING INFILTR			ADL 75908	125869	280066	625435.6	1600459.8	W SEWARD	033N	057W	34 NW SE	57	72
4941 METERED	MONTHLY	POOR	SYS APPLICATION ACCEPTED	1	12	366	1	WITHDRAWAL	1	SURFACE WATER	DECEMBER	36	
0.0023	0.0024	0.0023	0.0024	0.0023	0.0024	0.0023	0.0023	0.0042	0.0042				
GRAYLING, CITY OF													
29' WELL / LOOP #2, GRAYLING INFILTR			ADL 75908	125869	280066	625435.6	1600459.9	W SEWARD	033N	057W	34 NW SE	59	72
4941 METERED	MONTHLY	POOR	SYS APPLICATION ACCEPTED	1	12	366	1	WITHDRAWAL	2	SURFACE WATER	SEPTEMBER	36	
0.0079	0.0085	0.0079	0.0082	0.0079	0.0082	0.0079	0.0033	0.0032	0.0035	0.0039	0.0066		
GRAYLING, CITY OF													
8211 METERED	MONTHLY	SUPPLY	ADL 75908	125869	280066	625358.6	1600317.3	W SEWARD	033N	057W	34 NW SE	0	0
0.0003	0.0003	0.0003	APPLICATION ACCEPTED	1	12	366	1	WITHDRAWAL	3	GROUNDWATER	WATER SUPPLIER	36	
			0.0003	0.0003	0.0003	0.0003	0.0001	0.0007	0.0004	0.0004	0.0003		
HILLSIDE PARK HOMEOWNER'S ASSOCIATION													
283' WELL / HILLSIDE PARK SUBDIVISION			ADL 202909	165707	212461	610728.1	1494444.3	W SEWARD	012N	003W	14 SE SE	6	10
4941 METERED	MONTHLY	GOOD	CERTIFICATE ISSUED	190	1	WITHDRAWAL	1	GROUNDWATER	JUNE	0.0152	0.0165	53	
0.0126	0.0127	0.0136	0.0143	0.0202	0.0215	0.0199	0.0165	0.0165	0.0160	0.0158	0.0165		

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FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	DD	Q	CN	CW							
SOURCE / DESTINATION				STATUS DESCRIPTION			PDP.	FS	USE CODE	WS	USE TYPE	NWUOS											
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD											
JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
HOMER, CITY OF				ADL 57850	126046	240456	594040.3	1513413.3	W	SEWARD	006S	013W	7	NE	NE	74	78						
BRIDGE CREEK DAM / WATER TREATMENT PLANT				CERTIFICATE ISSUED			3,300	1	WITHDRAWAL	1	SURFACE WATER	WATER SUPPLIER											
4941 METERED				MONTHLY	GOOD	12	366	0.433	0.433	JULY	NOVEMBER	53											
0.4316		0.3784		0.3112		0.3858		0.4100		0.4582		0.7920		0.4452		0.4006		0.3619		0.2786		0.3331	
INLET SALMON, A DIV. OF INLET FISHERIES				LAS 3024	11893	241444	603212.0	1511516.4	W	SEWARD	005N	011W	8	NE	NW	28	64						
140' WELL / PROCESSING PLANT				PERMIT ISSUED			1	WITHDRAWAL	1	GROUNDWATER	COMMERCIAL												
2092 METERED				MONTHLY	GOOD	12	222	0.046	0.028	53													
0.0000		0.0000		0.0000		0.0330		0.0445		0.0259		0.1420		0.0541		0.0111		0.0081		0.0571		0.0000	
JOHNSON ENTERPRISES				LAS 2082	7784	224557	613455.6	1493755.4	W	SEWARD	017N	002W	9	NE	NE	61	7						
2-101' WELLS / RAINBOW CENTER				PERMIT ISSUED			1	WITHDRAWAL	1	GROUNDWATER	COMMERCIAL												
6512 METERED				MONTHLY	GOOD	12	366	0.002	0.002	0.002	NOVEMBER	FEBRUARY	52										
0.0007		0.0003		0.0015		0.0006		0.0019		0.0021		0.0025		0.0012		0.0010		0.0009		0.0037		0.0034	
JUNEAU, CITY & BOROUGH OF				ADL 44439	126204	110211	581826.2	1342348.6	W	COPPER RIVER	041S	067E	23	NE	NE	78	3						
8TH ST. & WELLS / CITY OF JUNEAU				CERTIFICATE ISSUED			1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER												
4941 METERED				MONTHLY	GOOD	12	366	1.640	1.640	JUNE	DECEMBER	62											
1.6762		1.5115		1.7844		1.6754		1.6362		2.0192		1.4485		1.8575		1.4501		1.4390		1.9358		1.2601	
JUNEAU, CITY & BOROUGH OF				ADL 100066	126204	110342	581831.0	1342340.1	W	COPPER RIVER	041S	067E	13	SW	SW	5	76						
WELL #3 / CITY OF JUNEAU				CERTIFICATE ISSUED			1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER												
4941 METERED				MONTHLY	GOOD	12	366	0.404	0.404	JULY	DECEMBER	62											
0.3236		0.1677		0.1349		0.4837		0.8844		0.6829		1.0212		0.4083		0.3137		0.1351		0.1399		0.1344	
JUNEAU, CITY & BOROUGH OF				LAS 1942	126204	110342	581937.1	1342740.0	W	COPPER RIVER	041S	067E	9	NW	SE	27	30						
NEW SALMON CREEK TAILRACE / JUNEAU				PERMIT ISSUED			1	DELIVERY	1	TRANSFERRED WATER	WATER SUPPLIER												
4941 METERED				MONTHLY	GOOD	12	290	0.922	0.731	NOVEMBER	62												
0.8429		0.8479		0.9952		0.8713		0.0000		0.0000		0.7513		1.0206		0.9100		0.9600		1.0230		0.9716	
JUNEAU, CITY & BOROUGH OF				LAS 12456	126204		582149.1	1343539.4	W	COPPER RIVER	040S	065E	36	SW	NE	70	9						
MENDENHALL ULY. WWTF / MENDENHALL RIVER				ACTIVE DATA POINT			1	RETURN	1	SURFACE WATER	SEWAGE TREATMENT												
4952 METERED				MONTHLY	FAIR	12	366	1.931	1.931	FEBRUARY	JULY	62											
1.8653		2.7097		2.1553		1.9339		1.9437		1.8633		1.6518		1.6766		1.6691		2.0995		1.9223		1.7256	
JUNEAU, CITY & BOROUGH OF				LAS 12457	126204		581712.6	1342301.8	W	COPPER RIVER	041S	067E	25	SE	NW	45	45						
THANE WASTEWATER FAC. / GASTINEAU CHANNEL				ACTIVE DATA POINT			1	RETURN	1	SURFACE WATER	SEWAGE TREATMENT												
4952 METERED				MONTHLY	FAIR	12	366	2.179	2.179	OCTOBER	JUNE	62											
1.9706		2.2000		2.4677		1.8382		1.6809		1.4444		1.8761		2.3887		2.1994		2.2381		2.5227		2.3046	
KASAAN, CITY OF				ADL 100411	126238		553231.6	1322348.1	W	COPPER RIVER	073S	086E	18	SW	NE	51	31						
LINKUM CREEK DAM / KASAAN				CLOSED			7	214	0.021	0.021	SURFACE WATER	WATER SUPPLIER											
4941 METERED				MONTHLY	FAIR	27		0.0171	0.0194	0.0200	0.0218	0.0224	0.0251	0.0234									

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	00	00	00	CN	CW
SOURCE / DESTINATION		STATUS DESCRIPTION			POP.	FS	USE	CODE	WS	USE	TYPE	NUIDS			
SIC	RECORDS	PERIOD	ACCURACY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	HYD	
JANUARY	FEBRUARY														
KENAI, CITY OF															
		ADL 53282	126275	240448	603358.6	1510916.4	W	SEWARD	006N	011W	35	NW	SE	32	31
WELL #1 / CITY OF KENAI		CERTIFICATE ISSUED			1	WITHDRAWAL	1	GROUNDWATER							
4941 METERED		1	12	366	0.340	0.340		0.340	MAY					53	
0.1940	0.2040	0.2060	0.5900	0.3200	0.4260	0.4460	0.3910	0.3680				0.3890	0.3210		
KENAI, CITY OF															
		ADL 53282	126275	240448	603400.5	1510709.8	W	SEWARD	006N	011W	36	NE	SE	35	15
WELL #2 / CITY OF KENAI		CERTIFICATE ISSUED			1	WITHDRAWAL	2	GROUNDWATER							
4941 METERED		1	12	343	0.404	0.379	APRIL							53	
0.4910	0.5232	0.5520	0.4980	0.4710	0.5150	0.2950	0.2550	0.2490				0.2200	0.3260		
KENAI, CITY OF															
		LAS 12458	126275		603317.2	1511633.2	W	SEWARD	005N	011W	6	NW	SE	48	42
WASTEWATER TREATMENT PLANT / COOK INLET		ACTIVE DATA POINT			1	RETURN	1	SURFACE WATER							
4952 METERED			12	366	0.727	0.727	AUGUST							53	
0.2840	0.2940	0.8460	0.8260	0.8810	0.9160	0.9300	0.8780	0.8210				0.7290	0.7350		
KETCHIKAN, CITY OF															
		ADL 48794	126297	120232	552136.1	1313707.3	W	COPPER RIVER	075S	091E	17	SE	SW	3	52
KETCHIKAN LAKE DAM SITE / KETCHIKAN		CERTIFICATE ISSUED			1	WITHDRAWAL	1	SURFACE WATER							
4941 METERED		150	12	366	4.072	4.072	FEBRUARY							64	
4.3376	4.7463	3.9273	3.4805	3.1533	4.1180	4.5448	4.0315	3.6230				4.0770	4.7254		
KING COVE, CITY OF															
		ADL 42595	126307	260244	550339.2	1621910.1	W	SEWARD	059S	086W	22	NE	NW	63	72
RAM CREEK / CITY OF KING COVE		CERTIFICATE ISSUED			460	1	WITHDRAWAL	1	SURFACE WATER						
4941 METERED			12	366	0.343	0.343	FEBRUARY							43	
0.3507	0.7086	0.3449	0.2572	0.3400	0.3992	0.4458	0.2150	0.2464				0.2126	0.2304		
KODIAK, CITY OF															
		ADL 39797	126356	250011	574807.8	1522442.1	W	SEWARD	027S	019W	30	SE	SE	7	13
PILLAR CREEK / CITY OF KODIAK		CERTIFICATE ISSUED			1	WITHDRAWAL	1	SURFACE WATER							
4941 METERED			12	366	0.553	0.553	NOVEMBER							51	
0.2978	0.5093	0.4623	0.3841	0.3807	0.4839	0.6774	0.4667	0.4355				1.4667	0.7507		
KODIAK, CITY OF															
		LAS 1145	126356	250011	575035.0	1522735.9	W	SEWARD	027S	020W	13	NW	NW	74	77
MONASHKA CREEK / CITY OF KODIAK		PERMIT ISSUED			1	WITHDRAWAL	1	SURFACE WATER							
4941 METERED			12	366	3.848	3.848								51	
2.8395	3.1545	3.8470	3.1719	3.5856	3.4699	5.3050	3.8016	4.9415				4.0929	2.5301		
KODIAK, CITY OF															
		LAS 1257	126356	250011	622343.7	1525314.2	W	SEWARD	027N	020W	25	SE	SE	7	13
R-25 CREEK / CITY OF KODIAK		CERTIFICATE ISSUED			1	WITHDRAWAL	1	SURFACE WATER							
4941 METERED			12	366	0.437	0.437	SEPTEMBER							51	
0.4839	0.5172	0.3333	0.3226	0.5000	0.3226	0.4839	0.6667	0.3226				0.5000	0.3226		
KODIAK, CITY OF															
		LAS 12459	126356		574820.8	1522110.2	W	SEWARD	027S	019W	27	SW	NW	27	79
WASTEWATER TREATMENT PLANT / OCEAN		ACTIVE DATA POINT			1	RETURN	1	SURFACE WATER							
4952 METERED			12	366	1.969	1.969	DECEMBER							51	
1.4516	2.2470	2.2100	1.6600	1.6130	1.7229	2.0200	1.9780	2.1219				2.0250	2.3790		

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FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	QQ	Q	CN	CW							
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE	NWUDS											
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD											
JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
KODIAK, CITY OF				LAS 12460	126356	.		574816.3	1522356.9	W	SEWARD	027S	019W	29	NE	SW	20	56					
WATER TREATMENT PLANT / CITY OF KODIAK				ACTIVE DATA POINT			.	1	RELEASE	1	TRANSFERRED WATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	.	.	12	366	4.222	4.222	AUGUST	MAY						51						
3.3999	4.0137	4.4841	4.2761	3.2555	3.5121	3.4463	5.8479	4.2714	4.5650	5.3743	4.2265												
KOTZEBUE, CITY OF				ADL 401827	126367	340060		665225.7	1623046.6	W	KATEEL	017N	018W	13	NE	SW	40	40					
WATER TREATMENT PLANT / CITY OF KOTZEBUE				PERMIT ISSUED			.	1	RELEASE	1	TRANSFERRED WATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	.	.	12	366	0.292	0.292	DECEMBER	APRIL						21						
0.2887	0.2910	0.2980	0.2750	0.2950	0.2771	0.2921	0.3051	0.2788	0.2922	0.3034	0.3075												
KOTZEBUE, CITY OF				ADL 401827	126367	340060		665248.5	1623011.9	W	KATEEL	017N	018W,	13	NE	NE	75	19					
DEVIL'S LAKE, VORTAC RESERVOIR/KOTZEBUE				PERMIT ISSUED			3,594	1	WITHDRAWAL	1	SURFACE WATER	WATER SUPPLIER											
4941	METERED	MONTHLY	FAIR	300	.	12	365	0.297	0.296	DECEMBER	JUNE						21						
0.2884	0.2953	0.2980	0.2674	0.2992	0.2518	0.3046	0.2685	0.2819	0.2569	0.3193	0.3236												
NENANA, CITY OF				ADL 400616	126781	390065		643345.7	1490529.3	W	FAIRBANKS	004S	008W	14	SW	SE	11	24					
NEW WELL / WATER TREATMENT PLANT				CERTIFICATE ISSUED			552	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	140	1	12	366	0.037	0.037	AUGUST	DECEMBER						34						
0.0376	0.0471	0.0293	0.0355	0.0386	0.0460	0.0461	0.0476	0.0322	0.0296	0.0303	0.0259												
NOME, CITY OF				ADL 42993	126821	340010		643308.9	1652420.7	W	KATEEL	011S	034W	11	SE	NE	53	18					
MOONLIGHT SPRINGS / CITY OF NOME				PERMIT ISSUED			3,876	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
4941	METERED	MONTHLY	FAIR	250	1	12	366	0.469	0.469	JULY	JANUARY						22						
0.3876	0.4555	0.4644	0.4351	0.4559	0.4380	0.5413	0.5249	0.4839	0.4640	0.4866	0.4864												
NOME, CITY OF				LAS 12461	126821	.		642957.0	1652429.7	W	KATEEL	011S	034W	35	NW	NE	78	24					
WASTEWATER TREAT. PLANT / SNAKE RIVER				ACTIVE DATA POINT			.	1	RETURN	1	SURFACE WATER	SEWAGE TREATMENT											
4952	METERED	MONTHLY	POOR	.	.	12	366	0.276	0.276								22						
0.2717	0.2905	0.2717	0.2808	0.2717	0.2808	0.2717	0.2717	0.2808	0.2717	0.2808	0.2717												
NOORVIK, CITY OF				ADL 75902	126822	340109		665001.8	1610213.9	W	KATEEL	017N	011W	34	NW	NE	59	17					
KOBUK RIVER / CITY OF NOORVIK				CERTIFICATE ISSUED			560	1	WITHDRAWAL	1	SURFACE WATER	WATER SUPPLIER											
4941	ESTIMATED	MONTHLY	FAIR	105	.	12	366	0.007	0.007	JULY	NOVEMBER						13						
0.0062	0.0067	0.0066	0.0073	0.0063	0.0062	0.0080	0.0063	0.0070	0.0066	0.0053	0.0067												
NORFOLK UTILITIES & DEVELOPMENT, INC.				ADL 209576	126831	210875		611857.8	1493205.3	W	SEWARD	014N	001W	7	NW	SW	27	73					
WELL 'A' / EAGLE RIVER VALLEY RANCHETTES				PERMIT ISSUED			.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	.	2	12	366	0.194	0.194	JULY	MARCH						53						
0.1658	0.1787	0.1634	0.1720	0.2249	0.2555	0.2664	0.2018	0.1739	0.1734	0.1742	0.1814												
NORTH POLE, CITY OF				ADL 403254	126845	310475		644504.3	1472054.8	W	FAIRBANKS	002S	002E	9	SW	SE	16	21					
WELLS 2 & 3 / CITY OF NORTH POLE				CERTIFICATE ISSUED			823	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER											
4941	METERED	MONTHLY	GOOD	.	2	12	366	0.096	0.096	JANUARY	MARCH						34						
0.1326	0.0955	0.0688	0.0919	0.1040	0.0828	0.1105	0.1124	0.0955	0.0872	0.0952	0.0793												

APPENDIX B. (Continued)

ALASKA WATER-USE DATA SYSTEM
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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	Q	CN	CM
SOURCE / DESTINATION		STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE	MNUDS			
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD		
JANUARY	FEBRUARY	MARCH		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
ORTNER, WALTER P.													
7542	METERED	MONTHLY	GOOD										
0.0021	0.0021	0.0021											
OSOWSKI, LEON JAMES													
181	CALCULATED	MONTHLY	FAIR										
0.0000	0.0000	0.0000											
PALMER, CITY OF													
624'	WELL #1 / CITY OF PALMER												
4941	METERED	MONTHLY	GOOD										
0.4547	0.4731	0.4826											
PALMER, CITY OF													
663'	WELL #2 / CITY OF PALMER												
4941	METERED	MONTHLY	GOOD										
0.0998	0.0000	0.0505											
PALMER, CITY OF													
186'	WELL #4 / CITY OF PALMER												
4941	METERED	MONTHLY	GOOD										
0.0000	0.0950	0.0000											
PALMER, CITY OF													
186'	WELL #4 / CITY OF PALMER												
4941	METERED	MONTHLY	GOOD										
0.0000	0.0950	0.0000											
PELICAN UTILITY CO.													
4912	CALCULATED	MONTHLY	FAIR										
21.7729	21.7729	21.7729											
PETERSBURG, CITY OF													
4941	METERED	MONTHLY	GOOD										
0.1537	0.1675	0.1720											
PETERSBURG, CITY OF													
4941	METERED	MONTHLY	GOOD										
0.7652	0.8221	0.4585											

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FACILITY NAME				FILE		CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE SEC 00 0		CH CW
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	MS	USE TYPE	MWUDS	
BIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD	
JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY	
AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER					
PETERSBURG, CITY OF				LAS 6550		127077	130148	564724.8	1325423.8	W	COPPER RIVER	059S	079E
STREAM / CITY OF PETERSBURG				PERMIT ISSUED				1	WITHDRAWAL	1	SURFACE WATER		1 NW NW 60 65
4941	METERED	MONTHLY	GOOD			12	366	0.913	0.913	AUGUST	MARCH		63
0.8246	0.8957	0.5140	0.6829	0.8967	1.1137	1.5734	1.6607	0.9445	0.6912	0.5766	0.5816		
PORT LIONS, CITY OF				LAS 3357		127129	250045	575220.8	1525350.5	W	SEWARD	027S	022W
BRANCHWATER CREEK / PORT LIONS				PERMIT ISSUED			182	1	WITHDRAWAL	1	SURFACE WATER		6 SE NE 76 12
4941	METERED	MONTHLY	GOOD	60		12	366	0.079	0.079	FEBRUARY	JULY		51
0.0923	0.0966	0.0897	0.0904	0.0843	0.0658	0.0597	0.0786	0.0795	0.0697	0.0699	0.0764		
PRINCE WILLIAM SOUND AQUACULTURE CORP.				LAS 1312		127145		604806.4	1480501.8	W	SEWARD	008N	008E
ESTHER LAKE HYDRO / ESTHER IS. HATCHERY				PERMIT ISSUED				1	DELIVERY	1	TRANSFERRED WATER		8 SW NE 58 35
921	CALCULATED	MONTHLY	FAIR			12	366	35.771	35.771	OCTOBER	JULY		54
34.8987	37.4838	37.4838	36.8375	35.5450	32.3136	29.0822	35.5450	30.3748	43.3002	36.1912	40.0689		
QUINHAGAK, CITY OF				LAS 11322		6293	271041	594530.7	1615239.8	W	SEWARD	005S	074W
KANAKTOK RIVER / CITY OF QUINHAGAK				ACTIVE DATA POINT			427	1	WITHDRAWAL	1	SURFACE WATER		9 SW NW 40 40
4941	METERED	MONTHLY	POOR	90		12	356	0.008	0.008	SEPTEMBER	MARCH		41
0.0054	0.0052	0.0044	0.0053	0.0047	0.0079	0.0131	0.0143	0.0180	0.0059	0.0065	0.0056		
SAINT MICHAEL, CITY OF				ADL 76070		127559		632730.0	1620655.1	W	KATEEL	023S	018W
CLEAR LAKE / WATER TREATMENT PLANT				APPLICATION ACCEPTED			308	1	WITHDRAWAL	1	SURFACE WATER		34 NW NE 70 31
4941	METERED	MONTHLY	POOR			11	320	0.001					44
0.0010	0.0005	0.0021	0.0003	0.0018	0.0015	0.0021	0.0019	0.0018	0.0004	0.0004			
SAINT PAUL, CITY OF				LAS 3311		154092	260286	570845.0	1701528.3	W	SEWARD	035S	131W
NORTH & SOUTH WELLS / CITY OF SAINT PAUL				PERMIT ISSUED			650	1	WITHDRAWAL	1	GROUNDWATER		18 SE SW 3 58
4941	METERED	MONTHLY	POOR	97	2	12	366	0.046	0.046	JUNE	SEPTEMBER		44
0.0337	0.0425	0.0418	0.0573	0.0523	0.0676	0.0423	0.0360	0.0227	0.0380	0.0596	0.0605		
SAND POINT, CITY OF				ADL 201803		127351	260294	552029.3	1602901.1	W	SEWARD	056S	073W
HUMBOLDT CREEK / CITY OF SAND POINT				CERTIFICATE ISSUED			797	1	WITHDRAWAL	1	SURFACE WATER		9 SW SW 16 79
4941	METERED	MONTHLY	FAIR	134		12	366	0.196	0.196	DECEMBER	MAY		43
0.1934	0.1993	0.2139	0.1987	0.1610	0.1739	0.1796	0.2043	0.1681	0.1786	0.2050	0.2697		
SCAMMON BAY, CITY OF				ADL 46364		127365	270184	615026.0	1653454.4	W	SEWARD	020N	090W
HILL STREAM / CITY OF SCAMMON BAY				CERTIFICATE ISSUED			251	1	WITHDRAWAL	1	SURFACE WATER		10 SE NW 53 52
4941	METERED	MONTHLY	POOR	75		12	366	0.031	0.031	JUNE	FEBRUARY		36
0.0133	0.0125	0.0146	0.0566	0.0166	0.0876	0.0445	0.0161	0.0462	0.0181	0.0179	0.0305		
SEWARD, CITY OF				ADL 39936		127408	240757	600637.6	1492649.8	W	SEWARD	001S	001W
FT. RAYMOND WELL #2 / CITY OF SEWARD				CERTIFICATE ISSUED				1	WITHDRAWAL	2	GROUNDWATER		9 NW SE 70 9
4941	METERED	MONTHLY	GOOD		1	12	62	0.025	0.004	APRIL			54
0.0000	0.0000	0.0000	0.0387	0.0121	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

APPENDIX B. (Continued)

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APPENDIX B

FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	DD	Q	CH	CH
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE	MWUDS					
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD		
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SEWARD, CITY OF FT. RAYMOND WELL #3 / CITY OF SEWARD		ADL 39936	127408	240757	600637.0	1492648.4	W	SEWARD	001S	001W	9 NW SE 69	8		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	3	GROUNDWATER		WATER SUPPLIER			
0.2546	0.4640	0.6819	0.6935	0.6898	0.2301	0.3996	0.4668	0.4291	0.2393	0.4979	0.4078			
SEWARD, CITY OF FT. RAYMOND WELL #4 / CITY OF SEWARD		ADL 39936	127408	240757	600610.9	1492709.3	W	SEWARD	001S	001W	9 NW SE 29	24		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	4	GROUNDWATER		WATER SUPPLIER			
0.0000	0.0000	0.0000	0.2204	0.0147	0.0000	0.0165	0.0260	0.0009	0.0000	0.0000	0.0000			
SEWARD, CITY OF FT. RAYMOND WELL #1 / CITY OF SEWARD		ADL 39936	127408	240757	600058.6	1492708.5	W	SEWARD	002S	001W	9 NW SE 28	24		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	6	GROUNDWATER		WATER SUPPLIER			
0.0092	0.0009	0.1782	0.3797	0.2814	0.0378	0.1532	0.7110	0.3098	0.0365	0.0468	0.0016			
SEWARD, CITY OF MARATHON CREEK / CITY OF SEWARD		ADL 210826	127408	240757	600633.1	1492711.9	W	SEWARD	001S	001W	9 NW NE 63	26		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	1	SURFACE WATER		WATER SUPPLIER			
0.6416	0.4091	0.1199	0.0711	0.4549	0.9924	1.0330	0.6190	0.3439	0.5982	0.2811	0.4560			
SEWARD, CITY OF WASTEWATER TREAT. PLANT/RESURRECTION BAY		LAS 12462	127408		600426.3	1492618.5	W	SEWARD	001S	001W	22 NW SE 28	65		
4952	METERED	MONTHLY	GOOD			1	RETURN	1	SURFACE WATER		SEWAGE TREATMENT			
0.6650	0.5833	0.6657	0.6033	0.5605	0.5390	0.5338	0.5797	0.7144	0.5638	0.5221	0.8182			
SITKA, CITY & BOROUGH OF GREEN LAKES DAM / POWERHOUSE		ADL 100007	127456	130075	565841.5	1350554.2	W	COPPER RIVER	056S	065E	29 SE NW 0	0		
4912	CALCULATED	MONTHLY	GOOD			1	WITHDRAWAL	1	SURFACE WATER		HYDROELECTRIC POWER			
231.3654	203.5757	204.2220	220.3788	171.9084	186.7726	151.8739	113.7439	124.7305	149.9351	140.2410	153.8127			
SOLDOTNA, CITY OF WELL 'A' / CITY OF SOLDOTNA		ADL 52342	127502	241054	602925.7	1510401.6	W	SEWARD	005N	010W	29 SW SE 12	32		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER			
0.0318	0.0240	0.0112	0.0182	0.0210	0.0291	0.0156	0.0175	0.0194	0.0211	0.0055	0.0074			
SOLDOTNA, CITY OF WELL 'C' / CITY OF SOLDOTNA		ADL 206983	127502	241054	602932.8	1510536.2	W	SEWARD	005N	010W	30 NW SE 23	24		
4941	METERED	MONTHLY	GOOD			1	WITHDRAWAL	1	GROUNDWATER		WATER SUPPLIER			
0.3736	0.4046	0.5165	0.4741	0.4005	0.3297	0.3904	0.4218	0.3294	0.3241	0.4991	0.5510			
SOLDOTNA, CITY OF WELL 'D' / SOLDOTNA SPORTS CENTER		ADL 214896	127502	241054	602854.9	1510524.3	W	SEWARD	005N	010W	31 SE SW 45	15		
7999	METERED	MONTHLY	GOOD			1	WITHDRAWAL	1	GROUNDWATER		RECREATION			
0.0548	0.0245	0.0038	0.0051	0.0062	0.0857	0.1983	0.0044	0.0105	0.0527	0.0000	0.0071			

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	Q	CN	CU
SOURCE / DESTINATION		STATUS DESCRIPTION	POP.	FS	USE CODE	WS	USE TYPE	MUJDS					
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	DAYS	DAILY AVG	YEARLY AVG	MAX.	MONTH	MIN.	MONTH	HYD
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SOLDOTNA, CITY OF													
		WELL 'E' / CITY OF SOLDOTNA - AIRPORT	LAS 11215	127502	240935	602840.6	1510150.8	W	SEWARD	005H	010W	33 NE SE	23 13
4941	METERED	MONTHLY	GOOD	1	12	366	0.001	0.001	0.001	JANUARY	OCTOBER	WATER SUPPLIER	53
0.0010	0.0007	0.0007	0.0004	0.0003	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0007
SOLDOTNA, CITY OF													
		WASTEWATER TREATMENT PLANT / KENAI RIVER	LAS 12463	127502	-	602901.4	1510515.1	W	SEWARD	005H	010W	31 SE NE	55 8
4952	METERED	MONTHLY	GOOD	-	12	360	0.455	0.447	0.447	AUGUST	FEBRUARY	SEWAGE TREATMENT	53
0.4000	0.3890	0.4110	0.4070	0.4180	0.4900	0.5220	0.5590	0.4980	0.4890	0.4890	0.4420	0.4330	0.4330
SOUTHCENTRAL UTILITIES, INC.													
		280' & 543' WELLS / COUNTRY LANE ESTATES	LAS 6516	186314	214706	610922.6	1495954.7	W	SEWARD	012N	004W	4 NE SW	22 52
4941	CALCULATED	MONTHLY	GOOD	44	2	366	0.007	0.007	0.007	NOVEMBER	MARCH	WATER SUPPLIER	53
0.0063	0.0063	0.0042	0.0045	0.0045	0.0035	0.0072	0.0075	0.0078	0.0084	0.0084	0.0087	0.0087	0.0087
SOUTHPARK TERRACE HOMEOWNERS ASSOCIATION													
		LITTLE RABBIT CREEK / SOUTHPARK TERRACE	ADL 209628	177519	213475	610446.6	1494801.1	W	SEWARD	011N	003W	3 NW NW	77 77
4941	CALCULATED	MONTHLY	GOOD	-	12	366	0.025	0.025	0.025	JULY	DECEMBER	WATER SUPPLIER	53
0.0246	0.0253	0.0254	0.0271	0.0346	0.0326	0.0404	0.0273	0.0215	0.0174	0.0174	0.0182	0.0071	0.0071
STANDARD ALASKA PRODUCTION CO.													
		RIG LAKE / SOHIO	APL 66117	124848	241517	701720.3	1484249.0	W	UMIAT	011N	013E	24 SW SE	17 24
1311	METERED	MONTHLY	GOOD	-	12	366	0.068	0.068	0.068	MAY	FEBRUARY	INDUSTRIAL	11
0.0632	0.0632	0.0632	0.0805	0.0805	0.0805	0.0638	0.0638	0.0638	0.0653	0.0653	0.0653	0.0653	0.0653
STANDARD ALASKA PRODUCTION CO.													
		KUPARUK RIVER / RESERVOIR	ADL 75979	107377	-	701954.5	1485708.5	W	UMIAT	011N	013E	6 SW SW	15 70
1311	METERED	MONTHLY	GOOD	-	12	366	0.118	0.118	0.118	MAY	NOVEMBER	INDUSTRIAL	11
0.1184	0.1184	0.1184	0.1514	0.1514	0.1514	0.1514	0.1058	0.1058	0.0987	0.0987	0.0987	0.0987	0.0987
STANDARD ALASKA PRODUCTION CO.													
		TEMPORARY WATER-USE PERMIT	LAS 2915	107377	-	701433.4	1480401.2	W	UMIAT	010N	016E	4 NW SE	0 0
1311	METERED	MONTHLY	GOOD	-	12	92	0.006	0.001	0.001	AUGUST	INDUSTRIAL	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0056	0.0056	0.0056	0.0000	0.0000	0.0000	0.0000	0.0000
STANDARD ALASKA PRODUCTION CO.													
		PATII LAKE, SAG. SITE 'C' / SOHIO	LAS 7611	107377	-	701436.6	1481554.1	W	UMIAT	010N	015E	2 SE SW	5 55
1311	METERED	MONTHLY	GOOD	-	12	92	0.017	0.004	0.004	AUGUST	INDUSTRIAL	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0168	0.0168	0.0168	0.0000	0.0000	0.0000	0.0000	0.0000
TATITILEK, VILLAGE OF													
		PUMPHOUSE / WATER TREATMENT PLANT	ADL 76071	127661	291130	605152.6	1463821.8	W	COPPER RIVER	011S	008W	33 SE SE	0 0
4941	METERED	MONTHLY	FAIR	40	12	366	0.032	0.032	0.032	MAY	WATER SUPPLIER	AUGUST	54
0.0342	0.0320	0.0303	0.0303	0.0366	0.0335	0.0309	0.0254	0.0324	0.0351	0.0351	0.0334	0.0279	0.0279

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FACILITY NAME		FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN RANGE SEC Q Q CN CW				
SOURCE / DESTINATION		STATUS DESCRIPTION		POP.	FS	USE CODE	MS	USE TYPE		NWUDS		
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
TESORO ALASKA PETROLEUM COMPANY												
WELL#1 / TESORO ALASKA PETROLEUM COMPANY		ADL 42906 127684 241745		604111.3	1512213.4	W	SEWARD	007N	012W	22 SE	NW 58 60	
2911 METERED		MONTHLY GOOD		1	12	304	0.003	0.003	0.003	OCTOBER	INDUSTRIAL	53
0.0000	0.0000	0.0015	0.0046	0.0007	0.0015	0.0000	0.0007	0.0006	0.0006	0.0212	0.0017	0.0000
TESORO ALASKA PETROLEUM COMPANY												
WELL#2 / TESORO ALASKA PETROLEUM COMPANY		ADL 42906 127684 241745		604111.3	1512152.2	W	SEWARD	007N	012W	22 SE	NW 58 44	
2911 METERED		MONTHLY GOOD		1	12	366	0.340	0.340	0.340	AUGUST	INDUSTRIAL	53
0.3353	0.3165	0.2930	0.3238	0.2940	0.3606	0.3610	0.3670	0.3462	0.3630	0.3556	0.3650	
TOGIK FISHRIES, INC.												
TOGIK RIVER / CANNERY		LAS 1681 165692		590325.6	1601956.9	W	SEWARD	013S	066W	17 NW	NW 76 71	
2091 METERED		MONTHLY FAIR		1	12	92	0.064	0.016	0.016	JULY	COMMERCIAL	42
0.0000	0.0000	0.0000	0.0000	0.0367	0.0600	0.1006	0.0310	0.0000	0.0000	0.0000	0.0000	0.0000
TRIDENT SEAFOODS CORP., WILLIAM S. LAGEN												
UNAMED STREAM / TRIDENT SEAFOODS CORP.		ADL 62233 2328		540815.2	1654748.4	W	SEWARD	070S	112W	10 NE	NE 74 9	
2091 METERED		MONTHLY FAIR		1	9	274	0.158	0.158	0.158		COMMERCIAL	43
0.1840	0.2160	0.2160	0.1860	0.1751	0.1751	0.1751	0.1694	0.0582	0.0832			
TURNER COMPANY												
2 WELLS / EQUESTRIAN SUBDIVISION		LAS 1270 159325 227199		613607.8	1491004.4	W	SEWARD	018N	002E	31 SE	SW 12 58	
4941 METERED		MONTHLY GOOD		1	12	366	0.053	0.053	0.053	JULY	WATER SUPPLIER	53
0.0480	0.0512	0.0484	0.0505	0.0633	0.0574	0.0664	0.0544	0.0496	0.0461	0.0482	0.0523	
U.S. AIR FORCE												
21 WELLS / ELMENDORF AIR FORCE BASE		LAS 12529 9492		611415.0	1494757.8	W	SEWARD	013N	003W	10 NW	NW 72 63	
9711 METERED		MONTHLY FAIR		1	12	366	0.346	0.346	0.346		WATER SUPPLIER	53
0.5408	0.5408	0.5408	0.5408	0.5408	0.5408	0.1524	0.1524	0.1524	0.1524	0.1524	0.1524	0.1524
U.S. ARMY CORPS OF ENG. CRE DIV., USDOO												
SHIP CREEK / FT. RICH. TREATMENT PLANT		ADL 45839 114944 212039		611322.5	1493758.9	W	SEWARD	013N	002W	16 NE	NE 71 18	
9711 METERED		MONTHLY GOOD		1	11	337	4.680	4.680	4.680		WATER SUPPLIER	53
4.1311	4.2722	5.0711	5.5948	5.2796	4.8828	3.1849	4.7496	4.7557	4.8103	4.7824		
U.S. ARMY CORPS OF ENG. CRE DIV., USDOO												
SHIP CREEK / ELMENDORF AIR FORCE BASE		ADL 65557 114944 211423		611327.1	1493754.9	W	SEWARD	013N	002W	16 NE	NE 78 15	
9711 METERED		MONTHLY FAIR		1	12	366	2.284	2.284	2.284		WATER SUPPLIER	53
2.0859	2.0859	2.0859	2.0859	2.0859	2.0859	2.4809	2.4809	2.4809	2.4809	2.4809	2.4809	
U.S. DEPARTMENT OF ENERGY, A.P.A.												
EKLUTNA LAKE / POWERPLANT TAILRACE		ADL 44944 173270		612945.1	1490727.8	W	SEWARD	016N	002E	8 NE	NE 63 14	
4912 CALCULATED		MONTHLY GOOD		1	12	366	237.148	237.148	237.148	SEPTEMBER	HYDROELECTRIC POWER	53
290.0810	228.6800	170.0942	154.2579	279.6327	239.2289	209.6483	317.4209	327.6106	233.5301	212.4005	182.1612	

APPENDIX B. (Continued)

 ALASKA WATER-USE DATA SYSTEM
 1988 SUMMARY REPORT
 ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	QQ	Q	CN	CW																															
SOURCE / DESTINATION				STATUS DESCRIPTION			POP.	FS	USE CODE	WS	USE TYPE	NWUDS																																			
SIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX.	MONTH	MIN.	MONTH	HYD																																	
JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
U.S. DEPARTMENT OF ENERGY, A.P.A. CRATOR LAKE / SNETTISHAM POWER PLANT 4912 METERED MONTHLY GOOD 352.4657 340.0873 319.9942 303.3347 250.8107 199.1819 208.1452 201.1552 216.2130 268.3751 314.4462 328.9834				ADL 45772 114944 . PERMIT ISSUED			12	366	275.097	275.097	JANUARY	071E 15 NE SE 35 10 HYDROELECTRIC POWER																																			
UNION CHEMICALS DIV., UNOCAL CO. WELLS #7, 15, & 16 / UNOCAL 2873 METERED MONTHLY GOOD 1.0901 1.0683 0.9985 1.1334 1.0762 1.0363 1.1148 1.0717 1.2112 1.3109 1.3499 1.1933				ADL 42514 125261 240919 CERTIFICATE ISSUED			3	12	366	1.138	1.138	NOVEMBER	012W 26 NE NW 75 50 INDUSTRIAL																																		
UNION CHEMICALS DIV., UNOCAL CO. WELLS # 10, 12, & 14 / UNION CHEMICALS 2873 METERED MONTHLY GOOD 0.0000 0.0000 0.8765 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.5527				ADL 42514 125261 240919 CERTIFICATE ISSUED			3	12	8	0.634	0.014	MARCH	012W, 26 NE NW 75 50 INDUSTRIAL																																		
UNION CHEMICALS DIV., UNOCAL CO. WELLS #1 & 5 / UNOCAL 2873 METERED MONTHLY GOOD 0.7358 0.7076 0.7215 0.6893 0.6536 0.6453 0.6233 1.1585 0.7345 0.7688 0.7040 0.6427				ADL 78075 127892 240919 CERTIFICATE ISSUED			2	12	366	0.733	0.733	AUGUST	012W 21 SE NE 52 3 INDUSTRIAL																																		
UNION CHEMICALS DIV., UNOCAL CO. WELL #6 / UNION OIL OF CALIF. 2873 METERED MONTHLY GOOD 0.6754 0.6871 0.6438 0.6790 0.7997 0.9101 0.7983 0.7657 0.6628 0.5690 0.6185 0.6976				ADL 203480 106901 240919 PERMIT ISSUED			1	12	366	0.709	0.709	JUNE	012W 21 SE NE 60 15 INDUSTRIAL																																		
VALDEZ, CITY OF HANAGITA WELLS #1-3 / CITY OF VALDEZ 4941 METERED MONTHLY GOOD 0.8182 0.7513 0.7807 0.8353 0.8054 0.8149 0.9351 1.0816 0.7426 0.5768 0.7514 0.5763				ADL 46360 127957 298103 PERMIT ISSUED			3	12	366	0.789	0.789	AUGUST	006W 31 SE NE 61 17 WATER SUPPLIER																																		
VALDEZ, CITY OF WELL #4, UAK, WEST EAGAN / CITY OF VALDEZ 4941 METERED MONTHLY GOOD 0.5911 0.5816 0.5851 0.6302 0.5928 0.6158 0.6618 0.7563 0.5599 0.5982 0.5622 0.6422				ADL 209799 127957 209799 PERMIT ISSUED			1	12	366	0.615	0.615	AUGUST	006W 31 NW SW 37 69 WATER SUPPLIER																																		
VALDEZ, CITY OF WELL #7, ROBE RIVER / CITY OF VALDEZ 4941 METERED MONTHLY GOOD 0.0674 0.0691 0.0682 0.0686 0.0653 0.0637 0.0616 0.0694 0.0640 0.0651 0.0688 0.0795				LAS 2698 127957 291211 PERMIT ISSUED			100	1	12	366	0.068	0.068	DECEMBER	006W 12 SE SE 15 16 WATER SUPPLIER																																	
VALDEZ, CITY OF WELL #5, LOOP ROAD / CITY OF VALDEZ 4941 METERED MONTHLY GOOD 0.0199 0.0243 0.0399 0.0274 0.0212 0.0193 0.0219 0.0209 0.0128 0.0131 0.0178 0.0230				LAS 2699 127957 291229 PERMIT ISSUED			30	1	12	366	0.022	0.022	MARCH	006W 34 NE SW 30 50 WATER SUPPLIER																																	

APPENDIX B. (Continued)

 ALASKA WATER-USE DATA SYSTEM
 1988 SUMMARY REPORT
 ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

FACILITY NAME				FILE	CID	DEC-ID	LATITUDE	LONGITUDE	MERIDIAN	TOWN	RANGE	SEC	QQ	Q	CN	CW
SOURCE / DESTINATION				STATUS DESCRIPTION		POP.	FS	USE CODE	WS	USE TYPE	MWUDS					
BIC	RECORDS	PERIOD	ACCURACY	CONN.	WELLS	MONTHS	DAYS	DAILY AVG	YEARLY AVG	MAX. MONTH	MIN. MONTH	HYD				
JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
VALDEZ, CITY OF				LAS 2700	127957	291229	610734.0	1461431.4 W	COPPER RIVER	008S	006W	35 SE	SE	9	17	
WELL #6, SOUTHCENTRAL / CITY OF VALDEZ				PERMIT ISSUED		150	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.375	0.375	0.375	JANUARY	OCTOBER	54			
0.4086	0.3908	0.3871	0.3723	0.3953	0.3799	0.3775	0.3757	0.3689	0.3413	0.3459	0.3512					
WASILLA, CITY OF				ADL 209104	128025	223137	613513.3	1492607.8 W	SEWARD	017N	001W	3 SE	SE	8	47	
IDITAROD WELLS #223137 / CITY OF WASILLA				PERMIT ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	GOOD	.	3	12	366	0.149	0.149	0.149	DECEMBER	SEPTEMBER	52			
0.1671	0.1548	0.1584	0.1631	0.1662	0.1793	0.1688	0.1656	0.0282	0.0293	0.1771	0.2293					
WASILLA, CITY OF				LAS 1141	128025	223763	613532.9	1493102.7 W	SEWARD	017N	001W	6 NW	SE	38	23	
WELL #223763/MISSION HILLS SUB.PHASE 2&3				PERMIT ISSUED		90	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	GOOD	.	1	12	366	0.012	0.012	0.012	DECEMBER	MAY	52			
0.0094	0.0108	0.0112	0.0125	0.0080	0.0142	0.0150	0.0125	0.0094	0.0150	0.0145	0.0165					
WASILLA, CITY OF				LAS 1541	128025	224109	613558.9	1492602.3 W	SEWARD	017N	001W	3 NE	NW	78	43	
LUCY LAINE WELL#224109 / CITY OF WASILLA				PERMIT ISSUED		25	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	GOOD	36	1	12	366	0.001	0.001	0.001	JANUARY	NOVEMBER	52			
0.0010	0.0009	0.0009	0.0008	0.0007	0.0010	0.0008	0.0008	0.0007	0.0006	0.0001	0.0004					
WASILLA, CITY OF				LAS 5204	128025	224646	613558.2	1492643.3 W	SEWARD	017N	001W	3 NW	NW	77	73	
236' SPRUCE AVE WELLS / WASILLA WOODS SB				PERMIT ISSUED		25	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	GOOD	.	2	12	366	0.107	0.107	0.107	DECEMBER	JANUARY	52			
0.0941	0.1030	0.1015	0.0992	0.0986	0.1030	0.1045	0.1062	0.1088	0.1134	0.1160	0.1383					
WHITTIER, CITY OF				LAS 2531	128079	211952	604630.1	1484009.8 W	SEWARD	008N	004E	24 NW	NW	70	39	
80' WELL #1 / CITY OF WHITTIER				PERMIT ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	ESTIMATED	MONTHLY	POOR	.	1	12	366	0.121	0.121	0.121	NOVEMBER	JANUARY	54			
0.0209	0.0804	0.0719	0.0842	0.0844	0.0844	0.1413	0.1716	0.1553	0.1848	0.1861	0.1861					
WHITTIER, CITY OF				LAS 2532	128079	211952	604632.1	1484202.3 W	SEWARD	008N	004E	23 NE	NE	73	44	
80' WELL #2 / CITY OF WHITTIER				PERMIT ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	ESTIMATED	MONTHLY	POOR	.	1	12	366	0.045	0.045	0.045	AUGUST	JANUARY	54			
0.0100	0.0387	0.0346	0.0419	0.0422	0.0422	0.0706	0.0863	0.0776	0.0341	0.0286	0.0286					
WHITTIER, CITY OF				LAS 2533	128079	211952	604632.1	1484211.6 W	SEWARD	008N	004E	23 NE	NE	73	51	
80' WELL #3 / CITY OF WHITTIER				PERMIT ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	ESTIMATED	MONTHLY	POOR	.	1	12	366	0.143	0.143	0.143	DECEMBER	JUNE	54			
0.1206	0.1760	0.1550	0.1221	0.1135	0.1135	0.1218	0.1264	0.1137	0.1810	0.1868	0.1868					
YAKUTAT, CITY OF				ADL 43340	128153	130172	593306.8	1394413.3 W	COPPER RIVER	027S	033E	25 NE	NE	67	15	
MAIN WELL, A, 325' / CITY OF YAKUTAT				CERTIFICATE ISSUED		.	1	WITHDRAWAL	1	GROUNDWATER	WATER SUPPLIER					
4941	METERED	MONTHLY	FAIR	.	1	12	366	0.297	0.297	0.297	JUNE	JANUARY	61			
0.0715	0.1152	0.1175	0.2441	0.0805	0.6660	0.3311	0.6443	0.4499	0.3905	0.2841	0.1716					

APPENDIX C. Cross reference of facility names to file types and numbers.

DBS	FILE TYPE	FILE NUMBER	FACILITY NAME	LAS CUSTOMER IDENTIFICATION NUMBER	REC PWST IDENTIFICATION NUMBER
1	ADL	39797	KODIAK, CITY OF	126356	250011
2	ADL	39808	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	250003
3	ADL	39886	CHUGACH ELECTRIC ASSOCIATION, INC.	125203	240757
4	ADL	39936	SEWARD, CITY OF	127408	240757
5	ADL	39936	SEWARD, CITY OF	127408	240757
6	ADL	39936	SEWARD, CITY OF	127408	240757
7	ADL	39936	SEWARD, CITY OF	127408	240757
8	ADL	42514	UNION CHEMICALS DIV., UNOCAL CO.	125261	240919
9	ADL	42514	UNION CHEMICALS DIV., UNOCAL CO.	125261	240919
10	ADL	42595	KING COVE, CITY OF	126307	260244
11	ADL	42906	TESORO ALASKA PETROLEUM COMPANY	127684	241745
12	ADL	42906	TESORO ALASKA PETROLEUM COMPANY	127684	241745
13	ADL	42993	NOME, CITY OF	126821	340010
14	ADL	43340	YAKUTAT, CITY OF	128153	130172
15	ADL	43665	PELICAN UTILITY CO.	127049	.
16	ADL	44439	JUNEAU, CITY & BOROUGH OF	126204	110211
17	ADL	44626	ANCHORAGE, MUN. (AWWU)	167803	210948
18	ADL	44626	ANCHORAGE, MUN. (AWWU)	167803	220196
19	ADL	44944	U.S. DEPARTMENT OF ENERGY, A.P.A.	173270	.
20	ADL	45420	ANCHORAGE, MUN. (AWWU)	167803	220196
21	ADL	45780	ALASKA ELECTRIC LIGHT & POWER COMPANY	124471	.
22	ADL	45839	U.S. ARMY CORPS OF ENG. CRE DIV., USACE	114944	212039
23	ADL	46054	BILLINGHAM, CITY OF	125481	260197
24	ADL	46360	VALDEZ, CITY OF	127957	298103
25	ADL	46364	SCAMMON BAY, CITY OF	127365	270184
26	ADL	48794	KEYCHIKAN, CITY OF	126297	120230
27	ADL	50906	ANCHORAGE, MUN. (AWWU)	167803	220196
28	ADL	50907	ANCHORAGE, MUN. (AWWU)	167803	220196
29	ADL	50908	ANCHORAGE, MUN. (AWWU)	167803	220196
30	ADL	50909	ANCHORAGE, MUN. (AWWU)	167803	220196
31	ADL	50924	ANCHORAGE, MUN. (AWWU)	167803	220196
32	ADL	50926	ANCHORAGE, MUN. (AWWU)	167803	210045
33	ADL	50927	ANCHORAGE, MUN. (AWWU)	167803	220196
34	ADL	51573	ANCHORAGE, MUN. (AWWU)	167803	220196
35	ADL	52342	SOLDOTNA, CITY OF	127502	241054
36	ADL	52514	ANCHORAGE, MUN. (AWWU)	167803	220196
37	ADL	53282	KENAI, CITY OF	126275	240448
38	ADL	53282	KENAI, CITY OF	126275	240448
39	ADL	53285	DIV. ADM. CONTR. & FAC. OFC., DFG	7877	240448
40	ADL	53292	DIV. ADM. CONTR. & FAC. OFC., DFG	163021	.
41	ADL	53813	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
42	ADL	53813	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
43	ADL	53813	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
44	ADL	53813	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
45	ADL	53813	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
46	ADL	54850	ANCHORAGE, MUN. (AWWU)	167803	210980
47	ADL	54850	ANCHORAGE, MUN. (AWWU)	167803	210998
48	ADL	57850	HOMER, CITY OF	126046	240456
49	ADL	62222	ANCHORAGE, MUN. (AWWU)	167803	220196
50	ADL	62233	TRIDENT SEAFOODS CORP., WILLIAM S. LAGEN	2328	261193
51	ADL	62346	CRAIG, CITY OF	125358	120193
52	ADL	62346	CRAIG, CITY OF	125358	120193
53	ADL	62373	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.

APPENDIX C. (continued)

QES	FILE TYPE	FILE NUMBER	FACILITY NAME	LAS CUSTOMER IDENTIFICATION NUMBER	DEC FMSI IDENTIFICATION NUMBER
54	ADL	63855	ANCHORAGE, MUN. (AWWU)	167803	210053
55	ADL	64153	ALYESKA PIPELINE SERVICE COMPANY	124668	320010
56	ADL	65557	U.S. ARMY CORPS OF ENG. CRE DIV., USDOI	114944	211423
57	ADL	65644	ANCHORAGE, MUN. (AWWU)	167803	220196
58	ADL	65772	U.S. DEPARTMENT OF ENERGY, A.P.A.	114944	.
59	ADL	65787	ANCHORAGE, MUN. (AWWU)	167803	220196
60	ADL	66117	STANDARD ALASKA PRODUCTION CO.	124848	241517
61	ADL	66177	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
62	ADL	67201	ANCHORAGE, MUN. (AWWU)	167803	210972
63	ADL	67278	ALASKA POWER AUTHORITY, DCEI	124562	.
64	ADL	67781	ARCO ALASKA, INC.	155174	.
65	ADL	67781	ARCO ALASKA, INC.	155174	.
66	ADL	75895	ELIM, CITY OF	125579	340345
67	ADL	75895	ELIM, CITY OF	125579	340345
68	ADL	75902	NOORVIK, CITY OF	126822	340109
69	ADL	75908	GRAYLING, CITY OF	125869	280066
70	ADL	75908	GRAYLING, CITY OF	125869	280066
71	ADL	75908	GRAYLING, CITY OF	125869	280066
72	ADL	75908	GRAYLING, CITY OF	125869	280066
73	ADL	75979	STANDARD ALASKA PRODUCTION CO.	107377	.
74	ADL	76070	SAINT MICHAEL, CITY OF	127559	.
75	ADL	76071	TATITLEK, VILLAGE OF	127661	291130
76	ADL	78075	UNION CHEMICALS DIV., UNOCAL CO.	127892	240919
77	ADL	80510	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
78	ADL	80511	DIV. ADM. CONTR. & FAC. OFC., DFG	163021	.
79	ADL	100007	SITKA, CITY & BOROUGH OF	127456	130075
80	ADL	100066	JUNEAU, CITY & BOROUGH OF	126204	110342
81	ADL	100411	KASAAK, CITY OF	126238	.
82	ADL	100887	ALASKA POWER AUTHORITY, DCEI	124562	.
83	ADL	200196	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
84	ADL	201324	PALMER, CITY OF	127015	226020
85	ADL	201555	ANCHORAGE, MUN. (AWWU)	167803	220196
86	ADL	201559	ALASKA POWER AUTHORITY, DCEI	124562	250231
87	ADL	201803	SAND POINT, CITY OF	127351	260294
88	ADL	201920	ANCHORAGE, MUN. (AWWU)	167803	220196
89	ADL	201921	ANCHORAGE, MUN. (AWWU)	167803	220196
90	ADL	202909	HILLISIDE PARK HOMEOWNER'S ASSOCIATION	165707	212461
91	ADL	202997	ANCHORAGE, MUN. (AWWU)	167803	220196
92	ADL	203480	UNION CHEMICALS DIV., UNOCAL CO.	106901	240919
93	ADL	203919	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
94	ADL	203956	ANCHORAGE, MUN. (AWWU)	167803	220196
95	ADL	206632	CRESTBROOK WATER ASSOC., INC.	125365	210867
96	ADL	206780	DIV. ADM. CONTR. & FAC. OFC., DFG	163021	.
97	ADL	206983	SOLDOTNA, CITY OF	127502	241054
98	ADL	209104	WASILLA, CITY OF	128025	223137
99	ADL	209576	NORFOLK UTILITIES & DEVELOPMENT, INC.	126831	210875
100	ADL	209628	SOUTHPARK TERRACE HOMEOWNERS ASSOCIATION	177519	213475
101	ADL	209799	VALDEZ, CITY OF	127957	209799
102	ADL	209828	ANCHORAGE, MUN. (AWWU)	167803	212291
103	ADL	210807	EKLUTNA UTILITIES, INC.	125573	211156
104	ADL	210826	SEWARD, CITY OF	127408	240757
105	ADL	214896	SOLDOTNA, CITY OF	127502	241054
106	ADL	215411	COOK INLET AQUACULTURE ASSOCIATION	156400	.

APPENDIX C. (continued)

OBS	FILE TYPE	FILE NUMBER	FACILITY NAME	LAS CUSTOMER IDENTIFICATION NUMBER	REC FUS1 IDENTIFICATION NUMBER
107	ADL	400192	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
108	ADL	400192	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
109	ADL	400616	NENANA, CITY OF	126781	390065
110	ADL	400793	ARCO ALASKA, INC.	155174	.
111	ADL	401822	ALYESKA PIPELINE SERVICE COMPANY	124668	350023
112	ADL	401827	KOTZEBUE, CITY OF	126367	340060
113	ADL	401827	KOTZEBUE, CITY OF	126367	340060
114	ADL	403254	NORTH POLE, CITY OF	126845	310675
115	ADL	403290	DIV. ADM. CONTR. & FAC. OFC., DFG	164125	.
116	LAS	219	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
117	LAS	225	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	.
118	LAS	239	FAIRBANKS MUNICIPAL UTILITY SYSTEM	114790	310730
119	LAS	246	ANCHORAGE, MUN. (AWWU)	167803	220196
120	LAS	780	B & J VENTURES, INC.	161533	220058
121	LAS	863	DAWN DEVELOPMENT CORPORATION	125408	211431
122	LAS	864	DAWN DEVELOPMENT CORPORATION	125408	211431
123	LAS	865	DAWN DEVELOPMENT CORPORATION	125408	211431
124	LAS	907	ANCHORAGE, MUN. (AWWU)	167803	220196
125	LAS	1051	ANCHORAGE, MUN. (AWWU)	167803	210906
126	LAS	1059	ERU, INC.	162712	213209
127	LAS	1101	ALYESKA UTILITIES, INC.	124675	212021
128	LAS	1141	WASILLA, CITY OF	128025	223763
129	LAS	1145	KODIAK, CITY OF	126356	250011
130	LAS	1257	KODIAK, CITY OF	126356	250011
131	LAS	1270	TURNER COMPANY	159325	227199
132	LAS	1312	PRINCE WILLIAM SOUND AQUACULTURE CORP.	127145	.
133	LAS	1541	WASILLA, CITY OF	128025	224109
134	LAS	1681	TOGIAK FISHERIES, INC.	165692	.
135	LAS	1848	EKLUTNA UTILITIES, INC.	125573	213077
136	LAS	1942	JUNEAU, CITY & BOROUGH OF	126204	110342
137	LAS	1947	CHUGIAK - EAGLE RIVER INDUSTRIES	166741	.
138	LAS	2082	JOHNSON ENTERPRISES	7784	224557
139	LAS	2102	ORTNER, WALTER P.	167248	.
140	LAS	2285	CONOCO, INC.	106432	.
141	LAS	2372	ANCIENT TREE, INC.	10305	224256
142	LAS	2493	ANCHORAGE, MUN. (AWWU)	167803	.
143	LAS	2531	WHITTIER, CITY OF	128079	211952
144	LAS	2532	WHITTIER, CITY OF	128079	211952
145	LAS	2533	WHITTIER, CITY OF	128079	211952
146	LAS	2569	ANCHORAGE, MUN. (AWWU)	167803	.
147	LAS	2698	VALDEZ, CITY OF	127957	291211
148	LAS	2699	VALDEZ, CITY OF	127957	291229
149	LAS	2700	VALDEZ, CITY OF	127957	291229
150	LAS	2762	ARCO ALASKA, INC.	155174	.
151	LAS	2762	ARCO ALASKA, INC.	155174	.
152	LAS	2762	ARCO ALASKA, INC.	155174	.
153	LAS	2811	EKLUTNA UTILITIES, INC.	125573	211156
154	LAS	2876	OSOWSKI, LEON JAMES	154899	.
155	LAS	2915	STANDARD ALASKA PRODUCTION CO.	107377	.
156	LAS	3017	PALMER, CITY OF	127015	226020
157	LAS	3017	PALMER, CITY OF	127015	226020
158	LAS	3024	INLET SALMON, A DIV. OF INLET FISHERIES	11893	241444
159	LAS	3260	ALASKA ZOO	174735	.

APPENDIX C. (continued)

ORG	FILE TYPE	FILE NUMBER	FACILITY NAME	LAS CUSTOMER IDENTIFICATION NUMBER	DEC FUST IDENTIFICATION NUMBER
160	LAS	3260	ALASKA 200	174735	.
161	LAS	3261	ALASKA 200	174735	215401
162	LAS	3311	SAINT PAUL, CITY OF	154092	260286
163	LAS	3355	ALYESKA PIPELINE SERVICE COMPANY	124668	360036
164	LAS	3357	PORT LIONS, CITY OF	127129	250045
165	LAS	5204	WASILLA, CITY OF	128025	224646
166	LAS	6361	ANCHORAGE, MUN. (LT. & POWER)	183693	.
167	LAS	6516	SOUTHCENTRAL UTILITIES, INC.	186314	214706
168	LAS	6550	PETERSBURG, CITY OF	127077	130148
169	LAS	6550	PETERSBURG, CITY OF	127077	130148
170	LAS	6550	PETERSBURG, CITY OF	127077	130148
171	LAS	7247	DIV. ADM. CONTR. & FAC. OFC., DFG	186405	.
172	LAS	7611	STANDARD ALASKA PRODUCTION CO.	107377	.
173	LAS	9889	PALMER, CITY OF	127015	226020
174	LAS	10094	ARCO ALASKA, INC.	155174	.
175	LAS	10094	ARCO ALASKA, INC.	155174	.
176	LAS	10094	ARCO ALASKA, INC.	155174	.
177	LAS	10094	ARCO ALASKA, INC.	155174	.
178	LAS	10094	ARCO ALASKA, INC.	155174	.
179	LAS	10094	ARCO ALASKA, INC.	155174	.
180	LAS	10094	ARCO ALASKA, INC.	155174	.
181	LAS	10094	ARCO ALASKA, INC.	155174	.
182	LAS	10094	ARCO ALASKA, INC.	155174	.
183	LAS	10094	ARCO ALASKA, INC.	155174	.
184	LAS	10094	ARCO ALASKA, INC.	155174	.
185	LAS	10094	ARCO ALASKA, INC.	155174	.
186	LAS	10094	ARCO ALASKA, INC.	155174	.
187	LAS	11215	SOLDOTNA, CITY OF	127502	240935
188	LAS	11314	COOK INLET AQUACULTURE ASSOCIATION	156400	.
189	LAS	11320	EEK, CITY OF	7264	270281
190	LAS	11321	FORT YUKON, CITY OF	6292	360256
191	LAS	11322	QUINHAGAK, CITY OF	6293	271041
192	LAS	11342	DIV. ADM. CONTR. & FAC. OFC., DFG	7569	.
193	LAS	11389	ARCO ALASKA, INC.	155174	.
194	LAS	11389	ARCO ALASKA, INC.	155174	333699
195	LAS	11389	ARCO ALASKA, INC.	155174	333712
196	LAS	11652	ARCO ALASKA, INC.	106346	.
197	LAS	11652	ARCO ALASKA, INC.	106346	.
198	LAS	11759	ARCO ALASKA, INC.	106346	.
199	LAS	11759	ARCO ALASKA, INC.	106346	.
200	LAS	11862	ANCHORAGE, MUN. (AWWU)	167803	212877
201	LAS	12188	ARCO ALASKA, INC.	106346	.
202	LAS	12268	ALASKA POWER & TELEPHONE COMPANY	106255	.
203	LAS	12453	ANCHORAGE, MUN. (AWWU)	167803	.
204	LAS	12454	ANCHORAGE, MUN. (AWWU)	167803	.
205	LAS	12455	DIV. ADM. CONTR. & FAC. OFC., DFG	124286	.
206	LAS	12456	JUNEAU, CITY & BOROUGH OF	126204	.
207	LAS	12457	JUNEAU, CITY & BOROUGH OF	126204	.
208	LAS	12458	KENAI, CITY OF	126275	.
209	LAS	12459	KODIAK, CITY OF	126356	.
210	LAS	12460	KODIAK, CITY OF	126356	.
211	LAS	12461	NOHE, CITY OF	126821	.
212	LAS	12462	SEWARD, CITY OF	127408	.

APPENDIX C. (continued)

OBS	FILE TYPE	FILE NUMBER	FACILITY NAME	LAS CUSTOMER IDENTIFICATION NUMBER	DEC PWST IDENTIFICATION NUMBER
213	LAS	12463	SOLDOTNA, CITY OF	127502	.
214	LAS	12525	ARCO ALASKA, INC.	155174	.
215	LAS	12528	DIV. ADM. CONTR. & FAC. OFC., HFG	143021	.
216	LAS	12529	U.S. AIR FORCE	9492	211423

APPENDIX D. 1988 water-use data sorted by SIC codes.

----- SIC CODE=181 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
1	OSOWSKI, LEON JAMES	LAS	2876	34	0.0437	1.4860

----- SIC CODE=921 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
2	COOK INLET AQUACULTURE ASSOCIATION	LAS	11314	366	0.9648	353.1029
3	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	80511	366	1.5655	572.9719
4	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	206780	366	2.6464	968.5809
5	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	400192	366	0.7007	256.4467
6	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	403290	366	0.6862	251.1360
7	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	219	366	0.1440	52.7040
8	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	11342	366	1.9892	728.0640
9	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	12455	366	0.1486	54.4033
10	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	12528	366	1.0061	368.2392
USETYPE						3605.6490

----- SIC CODE=921 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
11	COOK INLET AQUACULTURE ASSOCIATION	ADL	215411	78	4.0310	314.4180
12	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	39808	366	4.6800	1712.8800
13	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	53292	366	4.5239	1655.7489
14	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	62373	366	2.9190	1068.3361
15	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	66177	366	1.4400	527.0400
16	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	80510	366	6.2327	2281.1759
17	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	200196	366	1.4156	518.1122
18	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	203919	366	11.9921	4389.1199
19	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	7247	153	0.0374	5.7168
USETYPE						12472.5478

----- SIC CODE=921 USE TYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
20	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	53285	366	6.2994	2305.5841
21	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	400192	366	0.7995	292.6309
22	PRINCE WILLIAM SOUND AQUACULTURE CORP.	LAS	1312	366	35.7710	13092.1783
USETYPE						15690.3933
SICCODE						31768.5901

----- SIC CODE=1311 USE TYPE=INJECTION WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
23	ARCO ALASKA, INC.	LAS	12525	121	0.6015	72.7839

APPENDIX D. (continued)

----- SIC CODE=1311 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
24	ARCO ALASKA, INC.	ADL	67781	182	0.0108	1.9743
25	ARCO ALASKA, INC.	ADL	67781	182	0.0016	0.2999
26	ARCO ALASKA, INC.	ADL	400793	366	0.0698	25.5611
27	ARCO ALASKA, INC.	LAS	2762	366	0.0187	6.8610
28	ARCO ALASKA, INC.	LAS	2762	366	0.0008	0.2778
29	ARCO ALASKA, INC.	LAS	2762	366	0.0054	1.9775
30	ARCO ALASKA, INC.	LAS	10094	62	0.2710	16.8000
31	ARCO ALASKA, INC.	LAS	10094	62	0.0399	2.4738
32	ARCO ALASKA, INC.	LAS	10094	304	0.0310	9.4255
33	ARCO ALASKA, INC.	LAS	10094	335	0.0046	1.5487
34	ARCO ALASKA, INC.	LAS	10094	29	0.0198	0.5745
35	ARCO ALASKA, INC.	LAS	10094	91	0.0167	1.5206
36	ARCO ALASKA, INC.	LAS	10094	31	0.0005	0.0157
37	ARCO ALASKA, INC.	LAS	10094	30	0.0221	0.6615
38	ARCO ALASKA, INC.	LAS	10094	92	0.0013	0.1187
39	ARCO ALASKA, INC.	LAS	10094	91	0.0125	1.1390
40	ARCO ALASKA, INC.	LAS	10094	31	0.0000	0.0002
41	ARCO ALASKA, INC.	LAS	10094	61	0.0138	0.8420
42	ARCO ALASKA, INC.	LAS	10094	31	0.0013	0.0404
43	ARCO ALASKA, INC.	LAS	11389	61	0.0341	2.0824
44	ARCO ALASKA, INC.	LAS	11389	62	0.0147	0.9114
45	ARCO ALASKA, INC.	LAS	11389	182	0.0224	4.0852
46	ARCO ALASKA, INC.	LAS	11652	29	0.0022	0.0628
47	ARCO ALASKA, INC.	LAS	11652	60	0.0245	1.4687
48	ARCO ALASKA, INC.	LAS	11759	275	0.0288	7.9219
49	ARCO ALASKA, INC.	LAS	11759	30	0.0033	0.0967
50	ARCO ALASKA, INC.	LAS	12188	90	0.0489	4.4029
51	CONOCO, INC.	LAS	2285	270	0.0043	1.1588
52	STANDARD ALASKA PRODUCTION CO.	ADL	66117	366	0.0682	24.9627
53	STANDARD ALASKA PRODUCTION CO.	ADL	75979	366	0.1185	43.3670
54	STANDARD ALASKA PRODUCTION CO.	LAS	2915	92	0.0056	0.5141
55	STANDARD ALASKA PRODUCTION CO.	LAS	7611	92	0.0168	1.5443
-----						-----
USETYPE						164.6931
SICCODE						237.4771

----- SIC CODE=2091 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
56	TOGIAK FISHERIES, INC.	LAS	1681	92	0.0641	5.9004
57	TRIDENT SEAFOODS CORP., WILLIAM S. LAGEN	ADL	62233	274	0.1580	43.2934
-----						-----
USETYPE						49.1938
SICCODE						49.1938

----- SIC CODE=2092 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
58	INLET SALMON, A DIV. OF INLET FISHERIES	LAS	3024	222	0.0462	10.2662

APPENDIX D. (continued)

----- SIC CODE=2873 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
59	UNION CHEMICALS DIV., UNOCAL CO.	ADL	42514	366	1.1378	416.4264
60	UNION CHEMICALS DIV., UNOCAL CO.	ADL	42514	8	0.6334	5.0690
61	UNION CHEMICALS DIV., UNOCAL CO.	ADL	78075	366	0.7326	268.1433
62	UNION CHEMICALS DIV., UNOCAL CO.	ADL	203480	366	0.7089	259.4739

USETYPE						949.1126
SICCODE						949.1126

----- SIC CODE=2911 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
63	TESORO ALASKA PETROLEUM COMPANY	ADL	42906	304	0.0033	1.0056
64	TESORO ALASKA PETROLEUM COMPANY	ADL	42906	366	0.3401	124.4901

USETYPE						125.4958
SICCODE						125.4958

----- SIC CODE=4612 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
65	ALYESKA PIPELINE SERVICE COMPANY	ADL	64153	366	0.0067	2.4387
66	ALYESKA PIPELINE SERVICE COMPANY	ADL	401822	366	0.0052	1.8882
67	ALYESKA PIPELINE SERVICE COMPANY	LAS	3355	366	0.0042	1.5449

USETYPE						5.8717
SICCODE						5.8717

----- SIC CODE=4911 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
68	ANCHORAGE, MUN. (LT. & POWER)	LAS	6361	156	0.1643	25.6361

----- SIC CODE=4912 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
69	ALASKA ELECTRIC LIGHT & POWER COMPANY	ADL	45780	366	36.2763	13277.1247
70	ALASKA POWER & TELEPHONE COMPANY	LAS	12268	366	8.6831	3178.0248
71	ALASKA POWER AUTHORITY, DCED	ADL	67278	366	70.7469	25893.3588
72	ALASKA POWER AUTHORITY, DCED	ADL	100887	366	34.2393	12531.5776
73	ALASKA POWER AUTHORITY, DCED	ADL	201559	366	84.3662	30878.0230
74	CHUGACH ELECTRIC ASSOCIATION, INC.	ADL	39886	305	88.9570	27131.8826
75	PELICAN UTILITY CO.	ADL	43665	366	21.7729	7968.8829
76	SITKA, CITY & BOROUGH OF	ADL	100007	366	170.9019	62550.0819
77	U.S. DEPARTMENT OF ENERGY, A.P.A.	ADL	44944	366	237.1483	86796.2793
78	U.S. DEPARTMENT OF ENERGY, A.P.A.	ADL	65772	366	275.0975	100685.6780

APPENDIX D. (continued)

		SIC CODE=4912		USE TYPE=SURFACE WATER			
ORGS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR	MG_YEAR
USETYPE SICCODE						370890.9135 370890.9135	
		SIC CODE=4941		USE TYPE=GROUNDWATER			
ORGS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR	MG_YEAR
79	ALYESKA UTILITIES, INC.	LAS	1101	366	0.0596	21.8088	
80	ANCHORAGE, MUN. (AMU)	ADL	44626	366	0.1547	56.6235	
81	ANCHORAGE, MUN. (AMU)	ADL	44626	366	0.2017	73.8288	
82	ANCHORAGE, MUN. (AMU)	ADL	45420	366	0.1480	54.1581	
83	ANCHORAGE, MUN. (AMU)	ADL	50906	366	0.0421	15.4112	
84	ANCHORAGE, MUN. (AMU)	ADL	50907	366	0.1565	57.2860	
85	ANCHORAGE, MUN. (AMU)	ADL	50908	366	0.1527	55.8930	
86	ANCHORAGE, MUN. (AMU)	ADL	50909	366	0.0006	0.2233	
87	ANCHORAGE, MUN. (AMU)	ADL	50924	366	0.0745	27.2633	
88	ANCHORAGE, MUN. (AMU)	ADL	50926	366	0.0011	0.4015	
89	ANCHORAGE, MUN. (AMU)	ADL	50927	366	0.1640	60.0277	
90	ANCHORAGE, MUN. (AMU)	ADL	51573	366	0.0331	12.1186	
91	ANCHORAGE, MUN. (AMU)	ADL	52514	366	0.0041	1.5010	
92	ANCHORAGE, MUN. (AMU)	ADL	54850	366	1.2948	473.8920	
93	ANCHORAGE, MUN. (AMU)	ADL	54850	366	1.0923	399.7851	
94	ANCHORAGE, MUN. (AMU)	ADL	62222	366	0.2389	87.4440	
95	ANCHORAGE, MUN. (AMU)	ADL	63855	366	0.0669	24.4671	
96	ANCHORAGE, MUN. (AMU)	ADL	65644	366	0.0028	1.0398	
97	ANCHORAGE, MUN. (AMU)	ADL	65787	366	0.7775	284.5518	
98	ANCHORAGE, MUN. (AMU)	ADL	67201	366	0.1240	45.3814	
99	ANCHORAGE, MUN. (AMU)	ADL	201555	366	0.1262	46.1713	
100	ANCHORAGE, MUN. (AMU)	ADL	201920	366	0.0071	2.5971	
101	ANCHORAGE, MUN. (AMU)	ADL	201921	366	0.1632	59.7422	
102	ANCHORAGE, MUN. (AMU)	ADL	202997	366	0.6195	226.7491	
103	ANCHORAGE, MUN. (AMU)	ADL	203956	366	0.1891	69.2212	
104	ANCHORAGE, MUN. (AMU)	ADL	209828	366	0.0228	8.3280	
105	ANCHORAGE, MUN. (AMU)	LAS	246	366	1.3345	488.4252	
106	ANCHORAGE, MUN. (AMU)	LAS	907	366	0.0070	2.5459	
107	ANCHORAGE, MUN. (AMU)	LAS	11862	366	0.0066	2.4284	
108	ANCIENT TREE, INC.	LAS	2372	366	0.0117	4.2676	
109	B & J VENTURES, INC.	LAS	780	366	0.0040	1.4713	
110	CRAIG, CITY OF	ADL	62346	366	0.2271	83.1051	
111	CRESTBROOK WATER ASSOC., INC.	ADL	206632	121	0.0081	0.9779	
112	DAWN DEVELOPMENT CORPORATION	LAS	863	366	0.1307	47.8402	
113	DAWN DEVELOPMENT CORPORATION	LAS	864	366	0.0003	0.0996	
114	DAWN DEVELOPMENT CORPORATION	LAS	865	366	0.0000	0.0179	
115	DILLINGHAM, CITY OF	ADL	46054	366	0.1248	45.6698	
116	EKLUTNA UTILITIES, INC.	ADL	210807	366	0.1456	53.2925	
117	EKLUTNA UTILITIES, INC.	LAS	1848	366	0.1328	48.6026	
118	EKLUTNA UTILITIES, INC.	LAS	2811	366	0.0233	8.5413	
119	ELIM, CITY OF	ADL	75895	366	0.0222	8.1311	
120	ELIM, CITY OF	ADL	75895	366	0.0198	7.2603	
121	ERU, INC.	LAS	1059	366	0.0072	2.6465	
122	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.6310	962.9401	
123	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	0.0482	17.6580	
124	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.0495	750.1302	

APPENDIX D. (continued)

----- SIC CODE=4941 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
125	FAIRBANKS MUNICIPAL UTILITY SYSTEM	LAS	239	122	1.3938	170.0399
126	FORT YUKON, CITY OF	LAS	11321	366	0.0182	6.6561
127	HILLSIDE PARK HOMEOWNER'S ASSOCIATION	ADL	202909	366	0.0162	5.9457
128	JUNEAU, CITY & BOROUGH OF	ADL	44439	366	1.6405	600.4062
129	JUNEAU, CITY & BOROUGH OF	ADL	100066	366	0.4037	147.7670
130	KENAI, CITY OF	ADL	53282	366	0.3399	124.4158
131	KENAI, CITY OF	ADL	53282	343	0.4041	138.6145
132	NENANA, CITY OF	ADL	400616	366	0.0371	13.5852
133	NOME, CITY OF	ADL	42993	366	0.4688	171.5760
134	NORFOLK UTILITIES & DEVELOPMENT, INC.	ADL	209576	366	0.1944	71.1383
135	NORTH POLE, CITY OF	ADL	403254	366	0.0964	35.2696
136	PALMER, CITY OF	ADL	201324	366	0.4553	166.6497
137	PALMER, CITY OF	LAS	3017	14	0.0770	1.0782
138	PALMER, CITY OF	LAS	3017	62	0.1025	6.3569
139	PALMER, CITY OF	LAS	9889	61	0.0854	5.2110
140	SAINT PAUL, CITY OF	LAS	3311	366	0.0462	16.8920
141	SEWARD, CITY OF	ADL	39936	62	0.0250	1.5486
142	SEWARD, CITY OF	ADL	39936	366	0.4544	166.3071
143	SEWARD, CITY OF	ADL	39936	95	0.0885	8.4100
144	SEWARD, CITY OF	ADL	39936	366	0.1797	65.7559
145	SOLDOTNA, CITY OF	ADL	52342	366	0.0185	6.7564
146	SOLDOTNA, CITY OF	ADL	206983	366	0.4181	153.0165
147	SOLDOTNA, CITY OF	LAS	11215	366	0.0005	0.1995
148	SOUTHCENTRAL UTILITIES, INC.	LAS	6516	366	0.0066	2.4262
149	TURNER COMPANY	LAS	1270	366	0.0530	19.4028
150	VALDEZ, CITY OF	ADL	46360	366	0.7894	288.9091
151	VALDEZ, CITY OF	ADL	209799	366	0.6152	225.1636
152	VALDEZ, CITY OF	LAS	2698	366	0.0676	24.7288
153	VALDEZ, CITY OF	LAS	2699	366	0.0218	7.9806
154	VALDEZ, CITY OF	LAS	2700	366	0.3745	137.0813
155	WASILLA, CITY OF	ADL	209104	366	0.1490	54.5457
156	WASILLA, CITY OF	LAS	1141	366	0.0124	4.5505
157	WASILLA, CITY OF	LAS	1541	366	0.0007	0.2672
158	WASILLA, CITY OF	LAS	5204	366	0.1072	39.2469
159	WHITTIER, CITY OF	LAS	2531	366	0.1212	44.3511
160	WHITTIER, CITY OF	LAS	2532	366	0.0446	16.3287
161	WHITTIER, CITY OF	LAS	2533	366	0.1430	52.3409
162	YAKUTAT, CITY OF	ADL	43340	366	0.2969	108.6764
-----						7811.5623
USETYPE						

----- SIC CODE=4941 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
163	ANCHORAGE, MUN. (AWWU)	LAS	1051	366	15.1535	5546.1773
164	ANCHORAGE, MUN. (AWWU)	LAS	2569	153	3.1868	487.5735
165	EEK, CITY OF	LAS	11320	366	0.0012	0.4227
166	GRAYLING, CITY OF	ADL	75908	366	0.0140	5.1192
167	GRAYLING, CITY OF	ADL	75908	366	0.0064	2.3541
168	HOMER, CITY OF	ADL	57850	366	0.4325	158.3071
169	KASAAN, CITY OF	ADL	100411	214	0.0213	4.5614
170	KETCHIKAN, CITY OF	ADL	48794	366	4.0719	1490.3300

APPENDIX D. (continued)

----- SIC CODE=4941 USE TYPE=SURFACE WATER -----						
ORS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
171	KING COVE, CITY OF	ADL	42595	366	0.3427	125.4271
172	KOBIAN, CITY OF	ADL	39797	366	0.5530	202.3823
173	KOBIAN, CITY OF	LAS	1145	366	3.8477	1408.2692
174	KOBIAN, CITY OF	LAS	1257	366	0.4372	159.9998
175	KOTZEBUE, CITY OF	ADL	401827	365	0.2971	108.4583
176	MOORVIR, CITY OF	ADL	75902	366	0.0066	2.4108
177	PETERSBURG, CITY OF	LAS	6550	366	0.9132	334.2261
178	PORT LIONS, CITY OF	LAS	3357	366	0.0793	29.0395
179	QUINNAGAK, CITY OF	LAS	11322	356	0.0081	2.8724
180	SAINT MICHAEL, CITY OF	ADL	76070	320	0.0013	0.4240
181	SAND POINT, CITY OF	ADL	201803	366	0.1955	71.5680
182	SCAMMON BAY, CITY OF	ADL	46364	366	0.0311	11.3764
183	SEWARD, CITY OF	ADL	210826	366	0.5031	184.1211
184	SOUTH PARK TERRACE HOMEOWNERS ASSOCIATION	ADL	209628	366	0.0251	9.1976
185	TATITILEK, VILLAGE OF	ADL	76071	366	0.0318	11.6498

USETYPE		10356.2680				
----- SIC CODE=4941 USE TYPE=TRANSFERRED WATER -----						
ORS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
186	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	3.0345	1110.6270
187	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.8451	1041.3143
188	GRAYLING, CITY OF	ADL	75908	153	0.0159	2.4370
189	JUNEAU, CITY & BOROUGH OF	LAS	1942	290	0.9222	267.4389
190	KODIAK, CITY OF	LAS	12460	366	4.2224	1545.3999
191	KOTZEBUE, CITY OF	ADL	401827	366	0.2921	106.9057
192	PETERSBURG, CITY OF	LAS	6550	180	0.1676	30.1750
193	PETERSBURG, CITY OF	LAS	6550	366	0.8307	304.0508

USETYPE		4408.3485				
SIC CODE		22576.1788				
----- SIC CODE=4952 USE TYPE=SURFACE WATER -----						
ORS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
194	ANCHORAGE, MUN. (AMMU)	LAS	2493	366	27.5321	10076.7362
195	ANCHORAGE, MUN. (AMMU)	LAS	12453	366	0.8495	310.9002
196	ANCHORAGE, MUN. (AMMU)	LAS	12454	366	0.3680	134.6789
197	CRAIG, CITY OF	ADL	62346	366	0.1186	43.3933
198	FAIRBANKS MUNICIPAL UTILITY SYSTEM	LAS	225	366	5.3724	1966.2999
199	JUNEAU, CITY & BOROUGH OF	LAS	12456	366	1.9314	706.8869
200	JUNEAU, CITY & BOROUGH OF	LAS	12457	366	2.1794	797.6699
201	KENAI, CITY OF	LAS	12458	366	0.7271	266.1281
202	KODIAK, CITY OF	LAS	12459	366	1.9685	720.4728
203	NOME, CITY OF	LAS	12461	366	0.2762	101.0881
204	SEWARD, CITY OF	LAS	12462	366	0.5221	191.0886
205	SOLDOTNA, CITY OF	LAS	12463	360	0.4548	163.7399

USETYPE		15479.0827				

APPENDIX D. (continued)

----- SIC CODE=4952 USE TYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
SICCODE						15479.0827

----- SIC CODE=4512 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
206	JOHNSON ENTERPRISES	LAS	2082	366	0.0016	0.6002

----- SIC CODE=7389 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
207	CHUBIAK - EAGLE RIVER INDUSTRIES	LAS	1947	153	0.0025	0.3871

----- SIC CODE=7542 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
208	ORTNER, WALTER P.	LAS	2102	366	0.0017	0.6112

----- SIC CODE=7999 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
209	SOLDOTNA, CITY OF	ADL	214896	336	0.0414	13.8980

----- SIC CODE=8211 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
210	GRAYLING, CITY OF	ADL	75908	366	0.0003	0.1263

----- SIC CODE=8422 USE TYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
211	ALASKA ZOO	LAS	3260	366	0.0003	0.1032
212	ALASKA ZOO	LAS	3260	366	0.0020	0.7192
213	ALASKA ZOO	LAS	3261	366	0.0022	0.8180
USETYPE						1.6404
SICCODE						1.6404

APPENDIX D. (continued)

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----- SIC CODE=9711  USE TYPE=GROUNDWATER -----
      OBS      FAC_NAME      TYPE      NUMBER      DAYS      DAILYAVG      MG_YEAR
      214      U.S. AIR FORCE      LAS      12529      366      0.3456      126.4750

----- SIC CODE=9711  USE TYPE=SURFACE WATER -----
      OBS      FAC_NAME      TYPE      NUMBER      DAYS      DAILYAVG      MG_YEAR
      215      U.S. ARMY CORPS OF ENG. CRE DIV., USDOO AIL      45839      337      4.6796      1577.0370

----- SIC CODE=9711  USE TYPE=TRANSFERRED WATER -----
      OBS      FAC_NAME      TYPE      NUMBER      DAYS      DAILYAVG      MG_YEAR
      216      U.S. ARMY CORPS OF ENG. CRE DIV., USDOO AIL      65557      366      2.2845      836.1138
-----
SICCODE                                     2539.6258
                                           =====
                                           444676.1932

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APPENDIX E. 1988 water-use data sorted by hydrologic unit.

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----- HYDROLOGIC UNIT=11   USETYPE=GROUNDWATER -----
OBS          FAC_NAME          TYPE    NUMBER    DAYS    DAILYAVG    MG_YEAR
  1  ALYESKA PIPELINE SERVICE COMPANY  ADL     64153    366     0.0067     2.4387
  2  ALYESKA PIPELINE SERVICE COMPANY  LAS      3355    366     0.0042     1.5449
-----
USETYPE                                           3.9835

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----- HYDROLOGIC UNIT=11   USETYPE=INJECTION WATER -----
OBS          FAC_NAME          TYPE    NUMBER    DAYS    DAILYAVG    MG_YEAR
  3  ARCO ALASKA, INC.          LAS    12525     121     0.6015    72.7839

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----- HYDROLOGIC UNIT=11   USETYPE=SURFACE WATER -----
OBS          FAC_NAME          TYPE    NUMBER    DAYS    DAILYAVG    MG_YEAR
  4  ARCO ALASKA, INC.          ADL     67781    182     0.0108     1.9743
  5  ARCO ALASKA, INC.          ADL     67781    182     0.0016     0.2999
  6  ARCO ALASKA, INC.          ADL    400793    366     0.0698    25.5611
  7  ARCO ALASKA, INC.          LAS     2762     366     0.0187     6.8610
  8  ARCO ALASKA, INC.          LAS     2762     366     0.0008     0.2778
  9  ARCO ALASKA, INC.          LAS     2762     366     0.0054     1.9775
 10  ARCO ALASKA, INC.          LAS    10094      62     0.2710    16.8000
 11  ARCO ALASKA, INC.          LAS    10094      62     0.0399     2.4738
 12  ARCO ALASKA, INC.          LAS    10094    304     0.0310     9.4255
 13  ARCO ALASKA, INC.          LAS    10094    335     0.0046     1.5487
 14  ARCO ALASKA, INC.          LAS    10094      29     0.0198     0.5745
 15  ARCO ALASKA, INC.          LAS    10094      91     0.0167     1.5206
 16  ARCO ALASKA, INC.          LAS    10094      31     0.0005     0.0157
 17  ARCO ALASKA, INC.          LAS    10094      30     0.0221     0.6615
 18  ARCO ALASKA, INC.          LAS    10094      92     0.0013     0.1187
 19  ARCO ALASKA, INC.          LAS    10094      91     0.0125     1.1390
 20  ARCO ALASKA, INC.          LAS    10094      31     0.0000     0.0002
 21  ARCO ALASKA, INC.          LAS    10094      61     0.0138     0.8420
 22  ARCO ALASKA, INC.          LAS    10094      31     0.0013     0.0404
 23  ARCO ALASKA, INC.          LAS    11389      61     0.0341     2.0824
 24  ARCO ALASKA, INC.          LAS    11389      62     0.0147     0.9114
 25  ARCO ALASKA, INC.          LAS    11389    182     0.0224     4.0852
 26  ARCO ALASKA, INC.          LAS    11652      29     0.0022     0.0628
 27  ARCO ALASKA, INC.          LAS    11652      60     0.0245     1.4687
 28  ARCO ALASKA, INC.          LAS    11759    275     0.0288     7.9219
 29  ARCO ALASKA, INC.          LAS    11759      30     0.0033     0.0987
 30  ARCO ALASKA, INC.          LAS    12188      90     0.0489     4.4029
 31  CONOCO, INC.                LAS     2285    270     0.0043     1.1588
 32  STANDARD ALASKA PRODUCTION CO. ADL     66117    366     0.0682    24.9627
 33  STANDARD ALASKA PRODUCTION CO. ADL     75979    366     0.1185    43.3670
 34  STANDARD ALASKA PRODUCTION CO. LAS      2915      92     0.0056     0.5141
 35  STANDARD ALASKA PRODUCTION CO. LAS      7611      92     0.0168     1.5443
-----
USETYPE                                           164.6931
HYD                                           241.4606

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APPENDIX E. (continued)

----- HYDROLOGIC UNIT=13 USETYPE=SURFACE WATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
36	NOORVIK, CITY OF	ADL	75902	366	0.0066	2.4108

----- HYDROLOGIC UNIT=21 USETYPE=GROUNDWATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
37	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	403290	366	0.6862	251.1360

----- HYDROLOGIC UNIT=21 USETYPE=SURFACE WATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
38	KOTZERUE, CITY OF	ADL	401827	365	0.2971	108.4583

----- HYDROLOGIC UNIT=21 USETYPE=TRANSFERRED WATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
39	KOTZEBUE, CITY OF	ADL	401827	366	0.2921	106.9057
HYD						466.5000

----- HYDROLOGIC UNIT=22 USETYPE=GROUNDWATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
40	ELIM, CITY OF	ADL	75895	366	0.0222	8.1311
41	ELIM, CITY OF	ADL	75895	366	0.0198	7.2603
42	NOME, CITY OF	ADL	42993	366	0.4688	171.5760
USETYPE						186.9674

----- HYDROLOGIC UNIT=22 USETYPE=SURFACE WATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
43	NOME, CITY OF	LAS	12461	366	0.2762	101.0881
HYD						288.0555

----- HYDROLOGIC UNIT=32 USETYPE=GROUNDWATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
44	FORT YUKON, CITY OF	LAS	11321	366	0.0182	6.6561

APPENDIX E. (continued)

----- HYDROLOGIC UNIT=34 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
45	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	400192	366	0.7007	256.4467
46	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.6310	962.9401
47	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	0.0482	17.6580
48	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.0495	750.1302
49	FAIRBANKS MUNICIPAL UTILITY SYSTEM	LAS	239	122	1.3938	170.0399
50	NENANA, CITY OF	ADL	400616	366	0.0371	13.5852
51	NORTH POLE, CITY OF	ADL	403254	366	0.0944	35.2696
USETYPE						2206.0698

----- HYDROLOGIC UNIT=34 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
52	FAIRBANKS MUNICIPAL UTILITY SYSTEM	LAS	225	366	5.3724	1966.2999

----- HYDROLOGIC UNIT=34 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
53	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	400192	366	0.7995	292.6309
54	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	3.0345	1110.6270
55	FAIRBANKS MUNICIPAL UTILITY SYSTEM	ADL	53813	366	2.8451	1041.3143
USETYPE						2444.5722
HYD						4616.9418

----- HYDROLOGIC UNIT=35 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
56	ALYESKA PIPELINE SERVICE COMPANY	ADL	401822	366	0.0052	1.8882

----- HYDROLOGIC UNIT=36 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
57	GRAYLING, CITY OF	ADL	75908	366	0.0003	0.1263

----- HYDROLOGIC UNIT=36 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
58	GRAYLING, CITY OF	ADL	75908	366	0.0140	5.1192
59	GRAYLING, CITY OF	ADL	75908	366	0.0064	2.3541
60	SCAMMON BAY, CITY OF	ADL	46364	366	0.0311	11.3764
USETYPE						18.8497

APPENDIX E. (continued)

----- HYDROLOGIC UNIT=34 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
61	GRAYLING, CITY OF	ADL	75908	153	0.0159	2.4370

HYD						21.4130

----- HYDROLOGIC UNIT=41 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
62	EEK, CITY OF	LAS	11320	366	0.0012	0.4227
63	QUINHAGAK, CITY OF	LAS	11322	356	0.0081	2.8726

USETYPE						3.2953
HYD						3.2953

----- HYDROLOGIC UNIT=42 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
64	DILLINGHAM, CITY OF	ADL	46054	366	0.1248	45.6698

----- HYDROLOGIC UNIT=42 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
65	TOGIAK FISHERIES, INC.	LAS	1681	92	0.0641	5.9004

HYD						51.5703

----- HYDROLOGIC UNIT=43 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
66	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	200196	366	1.4156	518.1123
67	KING COVE, CITY OF	ADL	42595	366	0.3427	125.4271
68	SAND POINT, CITY OF	ADL	201803	366	0.1955	71.5680
69	TRIDENT SEAFOODS CORP., WILLIAM S. LAGEN	ADL	62233	274	0.1580	43.2934

USETYPE						758.4006
HYD						758.4006

----- HYDROLOGIC UNIT=44 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
70	SAINT PAUL, CITY OF	LAS	3311	366	0.0462	16.8920

APPENDIX E. (continued)

----- HYDROLOGIC UNIT=44 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
71	SAINT MICHAEL, CITY OF	ADL	76070	320	0.0013	0.4240

HYD						17.3160

----- HYDROLOGIC UNIT=51 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
72	ALASKA POWER AUTHORITY, DCED	ADL	201559	366	04.3662	30878.0230
73	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	39808	366	4.6800	1712.8860
74	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	7247	153	0.0374	5.7168
75	KODIAK, CITY OF	ADL	39797	366	0.5530	202.3823
76	KODIAK, CITY OF	LAS	1145	366	3.0477	1400.2692
77	KODIAK, CITY OF	LAS	1257	366	0.4372	159.9998
78	KODIAK, CITY OF	LAS	12459	366	1.9685	720.4728
79	PORT LIONS, CITY OF	LAS	3357	366	0.0793	29.0395

USETYPE						35116.7835

----- HYDROLOGIC UNIT=51 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
80	KODIAK, CITY OF	LAS	12460	366	4.2224	1545.3997

HYD						36662.1833

----- HYDROLOGIC UNIT=52 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
81	ANCIENT TREE, INC.	LAS	2372	366	0.0117	4.2676
82	R & J VENTURES, INC.	LAS	780	366	0.0040	1.4713
83	JOHNSON ENTERPRISES	LAS	2082	366	0.0016	0.6002
84	WASILLA, CITY OF	ADL	209104	366	0.1490	54.5457
85	WASILLA, CITY OF	LAS	1141	366	0.0124	4.5505
86	WASILLA, CITY OF	LAS	1541	366	0.0007	0.2672
87	WASILLA, CITY OF	LAS	5204	366	0.1072	39.2469

USETYPE						104.9494

----- HYDROLOGIC UNIT=52 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
88	OSOWSKI, LEON JAMES	LAS	2876	34	0.0437	1.4860

HYD						106.4354

APPENDIX E. (continued)

----- HYDROLOGIC UNIT=53 USETYPE=GROUNDWATER -----						
OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAUG	MG_YEAR
89	ALASKA ZOO	LAS	3260	366	0.0003	0.1032
90	ALASKA ZOO	LAS	3260	366	0.0020	0.7192
91	ALASKA ZOO	LAS	3261	366	0.0022	0.8180
92	ALYESKA UTILITIES, INC.	LAS	1101	366	0.0596	21.8088
93	ANCHORAGE, MUN. (AWWU)	ADL	44626	366	0.1547	56.6235
94	ANCHORAGE, MUN. (AWWU)	ADL	44626	366	0.2017	73.8288
95	ANCHORAGE, MUN. (AWWU)	ADL	45420	366	0.1480	54.1581
96	ANCHORAGE, MUN. (AWWU)	ADL	50906	366	0.0421	15.4112
97	ANCHORAGE, MUN. (AWWU)	ADL	50907	366	0.1565	57.2860
98	ANCHORAGE, MUN. (AWWU)	ADL	50908	366	0.1527	55.8930
99	ANCHORAGE, MUN. (AWWU)	ADL	50909	366	0.0006	0.2233
100	ANCHORAGE, MUN. (AWWU)	ADL	50924	366	0.0745	27.2633
101	ANCHORAGE, MUN. (AWWU)	ADL	50926	366	0.0011	0.4015
102	ANCHORAGE, MUN. (AWWU)	ADL	50927	366	0.1640	60.0277
103	ANCHORAGE, MUN. (AWWU)	ADL	51573	366	0.0331	12.1186
104	ANCHORAGE, MUN. (AWWU)	ADL	52514	366	0.0041	1.5010
105	ANCHORAGE, MUN. (AWWU)	ADL	54850	366	1.2948	473.8920
106	ANCHORAGE, MUN. (AWWU)	ADL	54850	366	1.0923	399.7851
107	ANCHORAGE, MUN. (AWWU)	ADL	62222	366	0.2389	87.4440
108	ANCHORAGE, MUN. (AWWU)	ADL	63855	366	0.0669	24.4671
109	ANCHORAGE, MUN. (AWWU)	ADL	65644	366	0.0028	1.0398
110	ANCHORAGE, MUN. (AWWU)	ADL	65787	366	0.7775	284.5518
111	ANCHORAGE, MUN. (AWWU)	ADL	67201	366	0.1240	45.3814
112	ANCHORAGE, MUN. (AWWU)	ADL	201555	366	0.1262	46.1713
113	ANCHORAGE, MUN. (AWWU)	ADL	201920	366	0.0071	2.5971
114	ANCHORAGE, MUN. (AWWU)	ADL	201921	366	0.1632	59.7422
115	ANCHORAGE, MUN. (AWWU)	ADL	202997	366	0.6195	226.7491
116	ANCHORAGE, MUN. (AWWU)	ADL	203956	366	0.1891	69.2212
117	ANCHORAGE, MUN. (AWWU)	ADL	209828	366	0.0228	8.3280
118	ANCHORAGE, MUN. (AWWU)	LAS	246	366	1.3345	488.4252
119	ANCHORAGE, MUN. (AWWU)	LAS	907	366	0.0070	2.5459
120	ANCHORAGE, MUN. (AWWU)	LAS	11862	366	0.0066	2.4284
121	ANCHORAGE, MUN. (LT. & POWER)	LAS	6361	156	0.1643	25.6361
122	CHUGIAK - EAGLE RIVER INDUSTRIES	LAS	1947	153	0.0025	0.3871
123	COOK INLET AQUACULTURE ASSOCIATION	LAS	11314	366	0.9648	353.1029
124	CRESTBROOK WATER ASSOC., INC.	ADL	206632	121	0.0081	0.9779
125	DAWN DEVELOPMENT CORPORATION	LAS	863	366	0.1307	47.8402
126	DAWN DEVELOPMENT CORPORATION	LAS	864	366	0.0003	0.0996
127	DAWN DEVELOPMENT CORPORATION	LAS	865	366	0.0000	0.0179
128	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	80511	366	1.5655	572.9719
129	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	206780	366	2.6464	968.5809
130	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	219	366	0.1440	52.7040
131	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	12528	366	1.0061	368.2392
132	EKLUTNA UTILITIES, INC.	ADL	210807	366	0.1456	53.2925
133	EKLUTNA UTILITIES, INC.	LAS	1848	366	0.1328	48.6026
134	EKLUTNA UTILITIES, INC.	LAS	2811	366	0.0233	8.5413
135	ERU, INC.	LAS	1059	366	0.0072	2.6465
136	HILLSIDE PARK HOMEOWNER'S ASSOCIATION	ADL	202909	366	0.0162	5.9457
137	INLET SALMON, A DIV. OF INLET FISHERIES	LAS	3024	222	0.0462	10.2662
138	KENAI, CITY OF	ADL	53282	366	0.3399	124.4158
139	KENAI, CITY OF	ADL	53282	343	0.4041	138.6145
140	NORFOLK UTILITIES & DEVELOPMENT, INC.	ADL	209576	366	0.1944	71.1383
141	ORTNER, WALTER P.	LAS	2102	366	0.0017	0.6112
142	PALMER, CITY OF	ADL	201324	366	0.4553	166.6497

APPENDIX E. (continued)

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----- HYDROLOGIC UNIT=53  USETYPE=GROUNDWATER -----
OBS  FAC_NAME                TYPE  NUMBER  DAYS  DAILYAVG  MG_YEAR
143  PALMER, CITY OF          LAS    3017    14    0.0770     1.0782
144  PALMER, CITY OF          LAS    3017    62    0.1025     6.3569
145  PALMER, CITY OF          LAS    9889    61    0.0854     5.2110
146  SOLDOTNA, CITY OF        ADL    52342   366    0.0185     6.7564
147  SOLDOTNA, CITY OF        ADL    206983   366    0.4181    153.0165
148  SOLDOTNA, CITY OF        ADL    214896   336    0.0414    13.8980
149  SOLDOTNA, CITY OF        LAS    11215   366    0.0005     0.1995
150  SOUTHCENTRAL UTILITIES, INC. LAS    6516   366    0.0066     2.4262
151  TESORO ALASKA PETROLEUM COMPANY ADL    42906   304    0.0033     1.0056
152  TESORO ALASKA PETROLEUM COMPANY ADL    42906   366    0.3401    124.4901
153  TURNER COMPANY            LAS    1270    366    0.0530     19.4028
154  U.S. AIR FORCE             LAS    12529   366    0.3456    126.4750
155  UNION CHEMICALS DIV., UNOCAL CO. ADL    42514   366    1.1378    416.4264
156  UNION CHEMICALS DIV., UNOCAL CO. ADL    42514     8    0.6336     5.0690
157  UNION CHEMICALS DIV., UNOCAL CO. ADL    78075   366    0.7326    268.1433
158  UNION CHEMICALS DIV., UNOCAL CO. ADL    203480   366    0.7089    259.4739
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USETYPE                                7091.6656

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----- HYDROLOGIC UNIT=53  USETYPE=SURFACE WATER -----
OBS  FAC_NAME                TYPE  NUMBER  DAYS  DAILYAVG  MG_YEAR
159  ANCHORAGE, MUN. (AWWU)    LAS    1051   366    15.1535   5546.1773
160  ANCHORAGE, MUN. (AWWU)    LAS    2493   366    27.5321  10076.7342
161  ANCHORAGE, MUN. (AWWU)    LAS    2569   153     3.1868    487.5735
162  ANCHORAGE, MUN. (AWWU)    LAS    12453   366    0.8495    310.9002
163  ANCHORAGE, MUN. (AWWU)    LAS    12454   366    0.3680    134.6789
164  COOK INLET AQUACULTURE ASSOCIATION ADL    215411   78    4.0310    314.4180
165  DIV. ADM. CONTR. & FAC. OFC., DFG ADL    53292   366    4.5239   1655.7489
166  DIV. ADM. CONTR. & FAC. OFC., DFG ADL    62373   366    2.9190   1068.3361
167  DIV. ADM. CONTR. & FAC. OFC., DFG ADL    66177   366    1.4400    527.0400
168  DIV. ADM. CONTR. & FAC. OFC., DFG ADL    80510   366    6.2327   2281.1759
169  HOMER, CITY OF            ADL    57850   366    0.4325    158.3071
170  KENAI, CITY OF            LAS    12458   366    0.7271    266.1281
171  SOLDOTNA, CITY OF          LAS    12463   360    0.4548    163.7399
172  SOUTHPARK TERRACE HOMEOWNERS ASSOCIATION ADL    209628   366    0.0251     9.1976
173  U.S. ARMY CORPS OF ENG. CRE DIV., USDOA ADL    45839   337    4.6796   1577.0370
174  U.S. DEPARTMENT OF ENERGY, A.P.A. ADL    44944   366   237.1483  86796.2793
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USETYPE                                111373.4738

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----- HYDROLOGIC UNIT=53  USETYPE=TRANSFERRED WATER -----
OBS  FAC_NAME                TYPE  NUMBER  DAYS  DAILYAVG  MG_YEAR
175  U.S. ARMY CORPS OF ENG. CRE DIV., USDOA ADL    65557   366    2.2845    836.1138
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HYD                                     119301.2532

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APPENDIX E. (continued)

----- HYDROLOGIC UNIT=54 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
176	SEWARD, CITY OF	ADL	39936	62	0.0250	1.5406
177	SEWARD, CITY OF	ADL	39936	366	0.4544	166.3071
178	SEWARD, CITY OF	ADL	39936	95	0.0885	8.4100
179	SEWARD, CITY OF	ADL	39936	366	0.1797	65.7559
180	VALDEZ, CITY OF	ADL	46360	366	0.7894	288.9091
181	VALDEZ, CITY OF	ADL	209799	366	0.6152	225.1636
182	VALDEZ, CITY OF	LAS	2698	366	0.0676	24.7288
183	VALDEZ, CITY OF	LAS	2699	366	0.0218	7.9806
184	VALDEZ, CITY OF	LAS	2700	366	0.3745	137.0813
185	WHITTIER, CITY OF	LAS	2531	366	0.1212	44.3511
186	WHITTIER, CITY OF	LAS	2532	366	0.0446	16.3287
187	WHITTIER, CITY OF	LAS	2533	366	0.1430	52.3409
USETYPE						1038.9057

----- HYDROLOGIC UNIT=54 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
188	ALASKA POWER AUTHORITY, DCEB	ADL	67278	366	70.7469	25893.3588
189	CHUGACH ELECTRIC ASSOCIATION, INC.	ADL	39886	305	88.9570	27131.8826
190	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	203919	366	11.9921	4389.1199
191	SEWARD, CITY OF	ADL	210826	366	0.5031	184.1211
192	SEWARD, CITY OF	LAS	12462	366	0.5221	191.0886
193	TATITLEK, VILLAGE OF	ADL	76071	366	0.0318	11.6498
USETYPE						57801.2208

----- HYDROLOGIC UNIT=54 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
194	PRINCE WILLIAM SOUND AQUACULTURE CORP.	LAS	1312	366	35.7710	13092.1783
HYD						71932.3048

----- HYDROLOGIC UNIT=55 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
195	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	11342	366	1.9892	728.0640
196	DIV. ADM. CONTR. & FAC. OFC., DFG	LAS	12455	366	0.1486	54.4033
USETYPE						782.4674
HYD						782.4674

APPENDIX E. (continued)

----- HYDROLOGIC UNIT=61 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
197	YAKUTAT, CITY OF	ADL	43340	366	0.2969	108.6764

----- HYDROLOGIC UNIT=62 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
198	JUNEAU, CITY & BOROUGH OF	ADL	44439	366	1.6405	600.4062
199	JUNEAU, CITY & BOROUGH OF	ADL	100066	366	0.4037	147.7670
USETYPE						748.1732

----- HYDROLOGIC UNIT=62 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
200	ALASKA ELECTRIC LIGHT & POWER COMPANY	ADL	45700	366	36.2763	13277.1247
201	ALASKA POWER & TELEPHONE COMPANY	LAS	12268	366	8.6831	3178.0248
202	JUNEAU, CITY & BOROUGH OF	LAS	12456	366	1.9314	706.8869
203	JUNEAU, CITY & BOROUGH OF	LAS	12457	366	2.1794	797.6699
USETYPE						17959.7064

----- HYDROLOGIC UNIT=62 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
204	JUNEAU, CITY & BOROUGH OF	LAS	1942	290	0.9222	267.4389
HYD						18975.3184

----- HYDROLOGIC UNIT=63 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
205	PETERSBURG, CITY OF	LAS	6550	366	0.9132	334.2261
206	U.S. DEPARTMENT OF ENERGY, A.P.A.	ADL	65772	366	275.0975	100685.6780
USETYPE						101019.9041

----- HYDROLOGIC UNIT=63 USETYPE=TRANSFERRED WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
207	DIV. ADM. CONTR. & FAC. OFC., DFG	ADL	53285	366	6.2994	2305.5841
208	PETERSBURG, CITY OF	LAS	6550	180	0.1676	30.1750
209	PETERSBURG, CITY OF	LAS	6550	366	0.8307	304.0508
USETYPE						2639.8099
HYD						103659.7140

----- HYDROLOGIC UNIT=44 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
210	ALASKA POWER AUTHORITY, UCEP	ADL	100887	366	34.2393	12531.5776
211	KETCHIKAN, CITY OF	ADL	48794	366	4.0719	1490.3300
USETYPE						14021.9076
HYD						14021.9076

----- HYDROLOGIC UNIT=66 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
212	PELICAN UTILITY CO.	ADL	43465	366	21.7729	7968.8829
213	SITKA, CITY & BOROUGH OF	ADL	100007	366	170.9019	62550.0819
USETYPE						70518.9647
HYD						70518.9647

----- HYDROLOGIC UNIT=47 USETYPE=GROUNDWATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
214	CRAIG, CITY OF	ADL	62346	366	0.2271	83.1051

----- HYDROLOGIC UNIT=67 USETYPE=SURFACE WATER -----

OBS	FAC_NAME	TYPE	NUMBER	DAYS	DAILYAVG	MG_YEAR
215	CRAIG, CITY OF	ADL	62346	366	0.1186	43.3933
216	KASAAN, CITY OF	ADL	100411	214	0.0213	4.5614
USETYPE						47.9547
HYD						131.0598
						=====
						444676.1932

Standard Industrial Classification (S.I.C.) 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 SVCS.

DIVISION F - WHOLESALE TRADE

DIVISION G - RETAIL TRADE

DIVISION H - FINANCE, INSURANCE & REAL ESTATE

DIVISION I - SERVICES

DIVISION J - PUBLIC ADMINISTRATION

DIVISION K - NONCLASSIFIABLE ESTABLISHMENTS

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

3. Select the title under the sub-heading which 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
0134 Potatoes
0160 Vegetables & Melons
0170 Fruits & Tree Nuts
0180 Horticultural Specialties
0190 General Farms

0200 Agricultural Production-Livestock
0211 Beef Cattle
0213 Hogs
0214 Sheep & Goats
0216 General Livestock
0240 Dairy Farms
0250 Poultry & Eggs
0270 Animal Specialties
0271 Fur Animals & Rabbits
0272 Horses & Other Equines

0700 Agricultural Services
0710 Soil Preparation Services
0720 Crop Services
0722 Crop Harvesting
0729 General Crop Services
0740 Veterinary Services
0741 Veterinary Svcs. Farm Livestock
0752 Animal Specialty Services
0780 Landscape & Horticultural Svcs.
0781 Landscape Counseling & Planning
0782 Lawn & Garden Services

0800 Forestry
0820 Forest Nurseries
0850 Forest Services

0900 Fishing, Hunting, & Trapping
0910 Fish Buyer
0911 Commercial Fishing
0912 Finfish
0913 Shellfish
0919 Misc. Marine Products
0920 Fish Hatcheries & Preserves
0970 Hunt, Trap, Game Propagation

DIVISION B. MINING

1000 Metal Mining
1010 Iron Ores
1020 Copper Ores
1030 Lead & Zinc Ores
1040 Gold & Silver Ores
1080 Metal Mining Services
1099 Metal Ores, nec.

1100 Anthracite Mining

1200 Bituminous Coal & Lignite Mining

1300 Oil & Gas Extraction
1310 Crude Petroleum & Natural Gas
1320 Natural Gas Liquids
1380 Oil & Gas Field Services
1381 Drilling Oil & Gas Wells
1382 Oil & Gas Exploration Services
1389 Oil & Gas Field Services, nec.

1400 Nonmetallic Minerals, Except Fuels
1410 Dimension Stone
1420 Crushed & Broken Stone
1440 Sand & Gravel
1450 Clay & Related Minerals
1470 Chemical & Fertilizer Minerals
1490 Misc. Nonmetallic Minerals
1499 Nonmetallic Minerals, nec.

DIVISION C. CONSTRUCTION

1500 General Building Contractors
1520 Residential Bldg. Construction
1522 Residential Construction, nec.
1530 Operative Builders
1540 Nonresidential Bldg. Construction
1542 Nonresidential Construction, nec.

1600 Heavy Construction Contractors
1610 Highway & Street Construction
1620 Heavy Construction, Except Highway
1627 Bridge, Tunnel, & Elevated Highway
1633 Water, Sewer, & Utility Lines
1629 Heavy Construction, nec.

1700 Special Trade Contractors

1710 Plumbing, Heating, Air Conditioning
1720 Painting, Paper Hanging, Decorating
1730 Electrical Work
1740 Masonry, Stonework, & Plastering
1750 Carpentry & Flooring
1751 Carpentry
1752 Floor Laying & Floor Work, nec.
1780 Roofing & Sheet Metal Work
1770 Concrete Work
1780 Water Well Drilling
1790 Misc. Special Trade Contractors
1799 Special Trade Contractors, nec.

DIVISION D. MANUFACTURING

2000 Food & Kindred Products

2010 Meat Products
2020 Dairy Products
2030 Preserved Fruits & Vegetables
2040 Grain Mill Products
2050 Bakery Products
2060 Sugar & Confectionary Products
2070 Fats & Oils
2080 Beverages
2082 Malt Beverages
2084 Wines, Brandy & Spirits
2085 Distilled Liquor, Except Brandy
2088 Bottled and Canned Soft Drinks
2087 Flavoring Extracts & Syrups, nec.
2090 Misc. Foods & Kindred Products
2091 Canned & Cured Seafoods
2092 Fresh or Frozen Packaged Fish
2097 Manufactured Ice
2099 Food Preparations, nec.

2100 Tobacco Manufacture

2200 Textile Mill Products

2270 Floor Covering Mills
2280 Yarn & Thread Mills
2290 Misc. Textile Goods
2299 Textile Goods, nec.

2300 Apparel & Other Textile Products

2380 Misc. Apparel & Accessories
2390 Misc. Fabricated Textile Products

2400 Lumber & Wood Products

2410 Logging Camps & Contractors
2420 Sawmills & Planing Mills
2430 Millwork, Plywood, Structural
2440 Wood Containers
2450 Wood Buildings & Mobile Homes
2451 Mobile Homes
2452 Prefabricated Wood Buildings
2490 Misc. Wood Products
2499 Wood Products, nec.

2500 Furniture & Fixtures

2510 Household Furniture
2520 Office Furniture
2540 Partitions & Fixtures
2590 Misc. Furniture & Fixtures
2599 Furniture & Fixtures, nec.

2600 Paper & Allied Products

2610 Pulp Mills
2620 Paper Mills, Except Bldg. Paper
2630 Paperboard Mills
2640 Misc. Converted Paper Products
2650 Paperboard Containers & Boxes
2660 Building Paper & Board Mills

2700 Printing & Publishing

2710 Newspapers
2720 Periodicals
2731 Book Publishing
2732 Book Printing
2740 Miscellaneous Publishing
2750 Commercial Printing
2780 Multifold Business Forms
2790 Printing Trade Services

2800 Chemicals and Like Products

2810 Industrial Inorganic Chemicals
2820 Plastics and Synthetics
2830 Drugs
2840 Soap, Cleaners, & Toilet Goods
2850 Industrial Organic Chemicals
2870 Agricultural Chemicals
2890 Misc. Chemicals Products

2900 Petroleum and Coal Products

2910 Petroleum Refining
2950 Paving & Roofing Material
2990 Misc. Petroleum & Coal Products

3000 Rubber & Misc. Plastics Products

3070 Misc. Plastics Products

3100 Leather and Leather Products

3110 Leather Tanning and Finishing
3130 Boot & Shoe Cut Stock & Findings
3140 Footwear, Except Rubber
3150 Leather Goods & Mittens
3170 Handbags & Personal Leather Goods
3199 Leather Goods, nec.

3200 Stone, Clay, and Glass Products

3250 Pottery and Related Products
3270 Concrete Gypsum & Plaster Products
3280 Cut Stone & Stone Products
3299 Nonmetallic Mineral Products, nec.

3300 Primary Metal Industries

3400 Fabricated Metal Products

3500 Machinery, Except Electrical

3600 Electric and Electronic Equipment

3700 Transportation Equipment

3710 Motor Vehicles & Equipment
3720 Aircraft & Parts
3730 Ship & Boat Building & Repairing
3750 Motorcycles, Bicycles, & Parts
3790 Misc. Transportation Equipment
3792 Travel Trailers & Campers

3800 Instruments and Related Products

3900 Miscellaneous Manufacturing Industries
3910 Jewelry, Silverware, & Plated Ware
3911 Jewelry, Precious Metal
3915 Jewelers' Materials & Lapidary Work
3930 Musical Instruments
3940 Toys & Sporting Goods
3960 Costume Jewelry & Novelties
3990 Misc. Manufactures

DIVISION E. TRANSPORTATION & PUBLIC UTILITIES

4000 Railroad Transportation

4100 Local & Interurban Passenger Transit
4110 Local & Suburban Transportation
4120 Taxicabs
4130 Intercity Highway Transportation
4140 Transportation Charter Service
4151 School Buses
4170 Bus Terminal & Service Facilities

4200 Trucking & Warehousing

4210 Trucking, Local & Long Distance
4220 Public Warehousing
4230 Trucking Terminal Facilities

4300 U.S. Postal Service

4400 Water Transportation

4410 Deep Sea Foreign Transportation
4420 Deep Sea Domestic Transportation
4450 Local Water Transportation
4454 Towing & Tugboat Service
4459 Local Water Transportation, nec.
4460 Water Transportation Services
4463 Marine Cargo Handling
4469 Water Transportation Svcs., nec.

4500 Air Transportation

4510 Certificated Air Transportation
4520 Noncertificated Air Transportation
4580 Air Transportation Services
4582 Airports & Flying Fields
4583 Airport Terminal Services

4600 Pipelines, Except Natural Gas

4610 Pipelines, Except Natural Gas
4612 Crude Petroleum Pipelines
4613 Refined Petroleum Pipelines
4619 Pipelines, nec.

APPENDIX F. (continued)

4700 Transportation Services
4712 Freight Forwarding
4720 Transportation Arrangement
4780 Misc. Transportation Services

4800 Communication
4810 Telephone Communication
4820 Telegraph Communication
4832 Radio Broadcasting
4833 TV Broadcasting
4898 Communication Service, nec

4900 Electric, Gas & Sanitary Services
4911 Electric Services
4920 Gas Production & Distribution
4930 Combination Utility Services
4940 Water Supply
4950 Sanitary Services
4952 Sewerage Systems
4953 Refuse Systems

DIVISION F. WHOLESALE TRADE

5000 Wholesale Trade Durable Goods
5010 Motor Vehicles & Auto Equipment
5013 Automotive Parts & Supplies
5014 Tires & Tubes
5020 Furniture & Home furnishings
5030 Lumber & Construction Materials
5040 Sporting Goods, Toys & Hobby Goods
5060 Electrical Goods
5070 Hardware, Plumbing & Heating Equip.
5080 Machinery, Equipment, & Supplies
5090 Misc. Durable Goods
5094 Jewelry, Watches, & Precious Stones
5099 Durable Goods, nec.

5100 Wholesale Trade Nondurable Goods
5110 Paper & Paper Products
5122 Drugs, Proprietary, & Sundries
5130 Apparel, Piece Goods, & Notions
5140 Groceries & Related Products
5150 Farm Products Raw Materials
5160 Chemicals & Allied Products
5170 Petroleum & Petroleum Products
5180 Beer, Wine, & Distilled Beverages
5190 Misc. Nondurable Goods

DIVISION G. RETAIL TRADE

5200 Building Materials & Garden Supplies
5210 Lumber & Other Building Materials
5230 Paint, Glass, & Wallpaper Stores
5250 Hardware Stores
5260 Retail Nurseries & Garden Stores
5270 Mobile Home Dealers

5300 General Merchandise Stores
5310 Department Stores
5320 Variety Stores
5399 Misc. General Merchandise Stores

5400 Food Stores
5410 Grocery Stores
5420 Meat Markets & Fresh Provisions
5430 Fruit Stores & Vegetable Markets
5440 Candy, Nut & Confectionery Stores
5450 Dairy Product Stores
5460 Retail Bakeries
5499 Misc. Food Stores

5500 Automotive Dealers & Service Stations
5510 New & Used Car Dealers
5520 Used Car Dealers
5530 Auto & Home Supply Stores
5540 Gas Service Stations
5550 Boat Dealers
5560 Recreation and Utility Trailer Dealers
5570 Motorcycle Dealers

5600 Apparel & Accessory Stores
5610 Men's & Boy's Clothing & Furnishings
5620 Women's Ready to Wear Stores
5630 Women's Accessory & Specialty Stores
5640 Children's & Infant's Wear Stores
5650 Family Clothing Stores
5660 Shoe Stores
5680 Furriers & Fur Shops
5699 Misc. Apparel & Accessories

5700 Furniture & Home Furnishings Stores
5712 Furniture Stores
5713 Floor Covering Stores
5714 Drapery & Upholstery Stores
5719 Misc. Home Furnishing Stores
5722 Household Appliance Stores
5730 Radio, Television, & Music Stores

5800 Eating & Drinking Places
5812 Eating Places
5813 Drinking Places

5900 Miscellaneous Retail
5912 Drug & Proprietary Stores
5920 Liquor Stores
5930 Used Merchandise Stores
5940 Misc. Shopping Goods Stores
5941 Sporting Goods & Bicycle Shops
5942 Book Stores
5943 Stationery 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
5980 Nonstore Retailers

5961 Mail Order Houses
5963 Direct Selling Organizations
5983 Fuel Oil Dealers
5984 Unrefined Petroleum Gas Dealers
5982 Florist
5992 Cigar Stores & Stands
5994 News Dealers & Newsstands
5999 Misc. Retail Stores, Nec.

DIVISION H. FINANCE, INSURANCE, & REAL ESTATE

6000 Banking
6010 Federal Reserve Banks
6020 Commercial & Stock Savings Banks
6022 State Banks, Federal Reserve
6025 National Banks, Federal Reserve
6030 Mutual Savings Banks
6040 Trust Companies, Nondeposits
6050 Functions Closely Related to Banking

6100 Credit Agencies Other Than Banks
6110 Rediscunt & Financing Institutions
6120 Savings & Loan Associations
6130 Agricultural Credit Institutions
6140 Personal Credit Institutions
6150 Business Credit Institutions
6180 Mortgage Bankers & Brokers

6200 Security, Commodity Brokers & Services

6300 Insurance Carriers
6310 Life Insurance
6320 Medical Service & Health Insurance
6330 Fire, Marine, & Casualty Insurance
6350 Surety Insurance
6360 Title Insurance
6370 Pension, Health, & Welfare Funds
6390 Insurance Carriers, nec.

6400 Insurance Agents, Brokers & Service

6500 Real Estate
6510 Real Estate Operators & Lessors
6512 Nonresidential Building Operators
6513 Apartment Building Operators
6514 Dwelling Operators, etc. Apt.
6515 Mobile Home Site Operators
6534 Real Estate Agents Managers
6540 Title Abstract Offices
6550 Subdividers & Developers

6600 Combined Real Estate, Insurance, etc

6700 Holding & Other Investment Offices
6710 Holding Offices
6720 Investment Offices
6730 Trusts
6790 Misc. Investing

DIVISION I. SERVICES

7000 Hotels, & Other Lodging Places
7010 Hotels, Motels, & Tourist Courts
7020 Rooming & Boarding Houses
7030 Camps & Trailer Parks

7200 Personal Services
7210 Laundry, Cleaning, & Garment Svcs
7215 Coin-op Laundry & Cleaning
7218 Dry Cleaning Plants, except Rug
7217 Carpet & Upholstery Cleaning
7220 Photo Studios, Portrait
7230 Beauty Shops
7240 Barber Shops
7250 Shoe Repair
7260 Funeral Service & Crematories
7299 Misc. Personal Services

7300 Business Services
7310 Advertising
7320 Credit Reporting & Collection
7330 Mailing, Reproduction, Steno
7333 Commercial Photography & Art
7340 Services to Buildings
7341 Window Cleaning
7342 Disinfecting & Exterminating
7348 Building Maintenance Svcs, nec.
7350 News Syndicates
7360 Personnel Supply Services
7370 Computer & Data Processing Svcs.
7390 Misc. Business Services
7392 Management & Public Relations
7393 Detective & Protective Services
7394 Equipment Rental & Leasing
7395 Photofinishing Labs
7399 Business Services, Nec

7500 Auto Repair, Services & Garages
7512 Passenger Car Rental & Leasing
7513 Truck Rental & Leasing
7520 Automobile Parking
7530 Auto Repair Shops
7540 Auto Services, except Repair
7542 Car Washes

7600 Misc. Repair Services
7620 Electrical Repair Shops
7622 Radio & TV Repair
7630 Watch, Clock, & Jewelry Repair
7640 Upholstery & Furniture Repair
7690 Misc. Repair Shops
7692 Welding Repair

7800 Motion Pictures
7810 Motion Picture Production & Services
7813 Motion Picture Production, except TV
7814 Motion Picture Production for TV
7819 Services Allied to Motion Pictures
7820 Motion Picture Dist. & Services
7830 Motion Picture Theaters
7833 Drive-In Motion Picture Theaters

7900 Amusement & Recreation Services
7910 Dance Halls, Studios, & Schools
7920 Producers, Orchestras, Entertainers
7929 Entertainers & Entertainment Groups
7932 Billiard, Pool Establishments
7933 Bowling Alleys
7940 Commercial Sports
7990 Misc. Amusement, Recreational Svcs.
7993 Coin-op Amusement Devices

8000 Health Services
8010 Offices of Physicians
8020 Offices of Dentists
8030 Offices of Osteopathic Physicians
8040 Offices of Other Health Practitioners
8041 Offices of Chiropractors
8042 Offices of Optometrists
8049 Offices of Health Practitioners, nec
8050 Nursing & Personal Care Facilities
8060 Hospitals
8062 General Medical & Surgical Hospitals
8063 Psychiatric Hospitals
8069 Specialty Hospitals, exc. Psych
8070 Medical & Dental Laboratories
8071 Medical Laboratories
8072 Dental Laboratories
8080 Outpatient Care Facilities
8090 Health & Allied Services, nec

8100 Legal Services

8200 Educational Services
8210 Elementary & Secondary Schools
8220 Colleges & Universities
8230 Libraries & Information Centers
8241 Correspondence Schools
8243 Data Processing Schools
8244 Business & Secretarial Schools
8249 Vocational Schools, nec.

8300 Social Services
8320 Individual & Family Services
8330 Job Training & Related Services
8350 Child Day Care Services
8399 Social Services, nec.

8400 Museums, Botanical, Zoological Gardens

8500 Membership Organizations
8510 Business Associations
8520 Professional Associations
8530 Labor Organizations
8540 Civic & Social Associations
8550 Political Organizations
8560 Religious Organizations

8600 Private Households

8900 Miscellaneous Services
8910 Engineering & Architectural Svcs.
8920 Noncommercial Research Organizations
8930 Accounting, Auditing & Bookkeeping
8999 Services, nec.

DIVISION J. PUBLIC ADMINISTRATION

9100 Executive Legislative, & General

9200 Justice, Public Order, & Safety

9300 Finance, Taxation & Monetary Policy

9400 Administration of Human Resources

9500 Environmental Quality & Housing

9600 Administration of Economic Programs

9700 National Security & Int'l. Affairs

DIVISION K. NONCLASSIFIABLE ESTABLISHMENTS

9900 Nonclass Establishments