
City and Borough of Juneau

Report of:

Industrial Users Survey Report

June 2002



Carson Dorn, Inc.

**INDUSTRIAL USERS SURVEY
REPORT**

Prepared
for

City and Borough of Juneau

Prepared
by

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712 West 12th Street
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June 2002

**INDUSTRIAL USERS SURVEY
REPORT**

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1.0 INTRODUCTION

1.1 Background

From February through June of 2002, Carson Dorn, Inc. (CDI), under a contract with the City and Borough of Juneau (CBJ), conducted a Survey of Industrial Users as required by NPDES permit AK 002295-1 for the Mendenhall Wastewater Treatment Plant. The purpose of the industrial users survey is to identify commercial and industrial facilities which may be discharging non-domestic wastewater to the sewer system, or which may use chemicals or other materials that have the potential to be present in their discharge. The goal of the survey is to identify the volume and potential components of the discharges that may impact the public treatment facility operations.

The survey was conducted in accordance with EPA's Region 10 guidance for conducting industrial user surveys. One previous industrial users survey was conducted for the City and Borough of Juneau in 1995 by Montgomery Watson.

1.2 Summary

An industrial user is defined by EPA as any industrial, commercial or business facility which discharges or has the potential to discharge non-domestic wastewater to the municipal sewer system. Any industrial, commercial or business facility known to discharge only domestic wastewater does not meet this definition and has been eliminated from further evaluation in the survey.

A critical part of the survey process is to identify any new significant industrial users discharging to the municipal sewer system. A significant industrial user, or SIU, is defined as an industrial user which is either 1) a categorical industrial user; 2) a commercial or light industrial user that discharges an average of 25,000 gallons per day or more of process wastewater to a publicly-owned treatment works (POTW); 3) contributes a process waste stream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW; or 4) is designated a significant industrial user by the POTW.

Throughout the city and borough, there are no facilities that qualify as categorical industrial users with toxic characteristics to their discharges. This was also true in the 1995 industrial users survey. Commercial and light industrial activities are far more prevalent. Facilities in this category with discharges of potential concern to the City and Borough of Juneau include:

- Breweries (high concentrations of organic waste);
- Seafood processors (fish waste);
- Grocery retailers, facilities with wholesale or discount grocery components to their business and charitable food businesses (ground produce and other waste foods and liquids);
- Photo processors and printing facilities (heavy metals, inks, acids and solvents);
- Analytical laboratories (heavy metals and analytical chemicals);
- Restaurants (cooking oil and grease); and
- Automotive maintenance facilities (used oil).

The 2002 survey was organized to include as many of these facilities as possible.

2.0 PROCESS

2.1 Survey Forms

A two-part survey form was developed based on specific requirements described in the EPA guidance. The purpose of Part A of the survey was to screen out facilities which only discharge domestic wastewater or have some form of oil and/or grease management. Based on answers to specific questions on Part A of the survey, the recipient either returned only part A or was directed to complete Part B and return it as well. This section of the survey requested specific information about volumes and types of wastewater, routes of discharge for these wastes, wastewater characteristics and detailed information about the processes of the facility including the principal materials and chemicals used in the facility operations, as well as other information. A copy of the blank survey is presented in Appendix A.

2.2 Survey List

The survey list was initially based on the CBJ's automated accounting list of non-residential wastewater customers. This list includes all area businesses connected to the municipal sewer system. After a review of the list with the Director of Public Works, a number of businesses were added to the list. These included businesses that discharge to the sewer system, but do not have their own individual connection, such as businesses that are tenants in buildings. Other businesses were added based on a review of business license listings, sales tax registry, water usage, utility billing meter list report, ADEC list of seafood processors, EPA's list of RCRA hazardous waste generators and phone directory yellow pages. The Survey List initially totaled about 260 businesses and facilities. A number of businesses were later removed from the list as more information was gathered through the survey process. The final Survey List included 167 businesses. The list, along with summary information gathered in the survey, is found in Appendix B.

2.3 Eliminated Facilities

Facilities were eliminated from the list of non-residential wastewater customers based on the type of facility or business, the operations carried out, and additional information that determined the facility did not fit the criteria for industrial user. These facilities were placed on the Eliminated Facilities List during the development of the Survey List. The Eliminated Facilities List was later expanded during the survey process as more detailed information was obtained through telephone interviews. Justifications for all businesses eliminated are noted on the list. The Eliminated Facilities List totaled 354 businesses and can be found in Appendix C.

2.4 Survey Effort

On March 15, 2002, an initial by-mail distribution to the approximately 260 businesses was conducted. In April, after approximately 50 surveys were received and the return rate began to drop off, telephone calls were placed to the approximately 200 businesses that had yet to submit surveys. Based on these calls, an additional 60 surveys were sent again to non-responsive businesses by fax, mail, or electronic mail. This process continued into June. In late June, as the project deadline approached, another round of calls was placed and another 35 surveys faxed to remaining non-respondents. In some

cases, surveys were completed over the phone. From these efforts, an additional 72 surveys were received. Also during the calling effort, approximately 90 businesses that did not return surveys were removed from the survey list and added to the Eliminated Facilities List if it was determined that the firm fell into one of the following categories:

- No longer in business;
- Had current telephone number or address;
- Not connected to city sewer;
- Determined to be offices or other facilities only discharging domestic wastes;
- Had a local address but is physically located out of state;
- Was a duplicative listing; or
- Was a building or property manager for which businesses had already received surveys.

As surveys were returned, they were reviewed and any missing or incomplete information was identified for telephone follow-up. Facility surveys with only domestic wastewater discharges were separated from the rest of the responses and not entered into the Microsoft Access database specifically designed for the project. The remaining surveys, including those with grease management information and/or with non-domestic wastewater discharges or potential non-domestic waste discharges, were entered into the database. The database generally follows the survey format, including pertinent company information and grease management from Part A and all sections in Part B. Facilities that completed the section in Part A on grease management but did not complete Part B, such as restaurants, were also included in the database.

The final number of completed surveys received was 118, out of a final survey list of 167. The number of non-respondents was 49. After reviewing the survey responses, only one facility was identified as a Significant Industrial User. A number of other businesses were identified as having low strength conventional sewer discharges.

3.0 PROBLEMS ENCOUNTERED DURING SURVEY

Response to the survey was slow and initially low. Despite the follow-up telephone calls to non-respondents, along with additional mailing, faxing, and emailing of additional surveys, many businesses remained non-responsive. Some of the reason they gave included:

- The survey was confusing and/or onerous;
- They were too busy to work on it;
- No one at the facility understood the facility processes well enough to complete it;
- They refused to complete it based on no legal requirement; and/or
- They thought the survey was optional.

Other problems encountered included inaccurate and incomplete information provided by many businesses about their facility. This included inaccurate or no estimates of the amounts and types of wastewater discharged, a lack of understanding about the waste streams in the facility including the characteristics of those waste streams, and incomplete information about principal materials used in the facility, including chemical constituents and volumes. Water discharge volumes did not appear to agree with water usage volumes provided by the CBJ. As a result, much of the information should be considered qualitative and merely indicative of actual facility operations.

Based on the input provided by survey respondents as well as lessons learned during the survey process, the following are recommendations to be considered for improving the level of response and quality of the information gathered in future survey efforts:

- Shortening the survey;
- Clarifying or reorganizing the structure of the survey to be more intuitive for the non-engineer or person without a scientific or technical background;
- Tailoring the survey to Juneau area businesses as much as possible by eliminating questions that don't apply or are unnecessary (may require approval from EPA); and

- Developing a survey list that is not overly comprehensive, carefully identifying only those businesses which may discharge wastes other than domestic wastes, and reviewing previous survey lists and survey results to assist in determining which facilities should be included.

4.0 RESULTS

4.1 Significant Industrial Users

Only the Alaskan Brewing Company fit the definition for Significant Industrial User. This facility discharges approximately 36,600 gallons of per day on average, including process wastewater, facility washdown, and boiler/tower blowdown. Information provided in their survey form indicates that since the 1995 survey, the facility has undertaken significant changes to its operations to manage the characteristics of its wastewater discharge. These changes include a plant-wide beer-recycling program to reduce BOD (biological oxygen demand) in the plant effluent (implemented in January of 2002). BOD waste streams are also managed by a series of "slug dampening"/flow equalization tanks on the by-product waste streams (these improvements also moderate pH fluctuations). Lastly, in February of 2001 the facility upgraded the bottle line to increase efficiencies and reduce the amount of waste beer in the effluent, thus reducing BOD in the wastewater discharge. Other wastes from the plant include an estimated 138 gallons per day of yeast solids and 50 gallons per day of hop and malt fines, all of which are isolated from the wastewater discharge and taken directly to the Juneau Douglas Treatment Plant digester for treatment.

4.2 Facilities with Potential Low Strength Conventional Sewer Discharges

A number of businesses were identified as having conventional sewer discharges that may pose a risk to the municipal wastewater treatment plant based simply on volume. These businesses are discussed in the following paragraphs, along with a brief discussion of their operations and waste discharges.

4.2.1 Grease Management

Of the facilities responding to the survey, 44 reported having some form of grease/oil management, with 32 having grease traps and the rest stating that they prevented grease, particularly cooking oil, from entering the sewer system by collecting it in containers. A number of restaurant facilities without grease traps may discharge some grease or oil to the sewer system through dishwashing, but the volume cannot be quantified.

4.2.2 Photo-processing

Of the 32 photography/photo-processing facilities included in the survey, 17 are either no longer in business, do no photo processing, or have gone to digital-only photography. Twelve facilities develop photographs with photo-processing chemicals and three businesses failed to respond. Of the twelve facilities that responded, all have some percentage of photo chemicals in their discharge, six having some pretreatment such as chemical precipitation or silver-recovery, but four facilities listed no pre-treatment.

These four facilities are:

- Don Douglas Photography;
- Five Star Photo;
- Art Sutch Photography; and
- Juneau Photoworks.

However, for each of these facilities, the volume of wastes discharged on a daily basis is estimated to be only a few gallons.

4.2.3 Grocery Stores and Charitable Food Organizations

Most grocery stores make available to charitable organizations any food that is no longer fresh or at risk of spoiling. Nonetheless, several grocery stores and at least one charitable food organization discharge some food wastes on a daily or weekly basis as summarized below.

Alaskan and Proud/Foodland: Most produce is distributed, but approximately 100 pounds per day is discharged through the sewer system via a produce grinder. An estimated four

gallons of spoiled milk or juice is discharged per week. Although there is a grease collection system, grease from dishwashing is discharged to the sewer system.

Kmart: Kmart has no produce grinder and states that all produce is picked up by charitable organizations. A maximum of 10 gallons of milk per day is discharged to the sewer system.

Safeway Stores Inc./Carrs: A maximum of 10 gallons per day of spoiled milk is discharged to the sewer system. Approximately 35 pounds of ground waste produce is discharged per day to the sewer system.

Super Bear: This facility did not provide estimates regarding the volumes of ground spoiled produce or milk/juice that is discharged to the sewer system on a daily or weekly basis, but stated that leftover volumes not picked up by charitable organizations are discharged to the sewer system.

Helping Hands: This charitable food organization accepts unpurchased food from various local grocery stores and distributes to the needy. According to the owners, all unused or spoiled food from their organization is taken to Swampy Acres for animal feed. A maximum of two gallons of ground-up food and one gallon of milk are discharged to the sewer system per day.

Costco Wholesale: Costco Wholesale states that all food is distributed to charitable organizations.

4.2.4 Fish Processing Facilities

At least nine facilities that responded to the survey conduct some form of fish processing. These include grocery stores, a hatchery, a salmon caviar processor, and facilities processing fish exclusively as summarized below.

Taku Smokeries: This facility discharges all fish waste and equipment/facility washdown water to Gastineau Channel through an NPDES wastewater discharge permit.

Alaska Glacier Seafood: This facility also discharges fish waste to Gastineau Channel via an NPDES permit, but discharges approximately 1,000 gallons of facility/equipment washdown wastewater to the sewer system per day.

Jerry's Meats and Seafood: This facility does not discharge fish waste to the sewer system, but equipment/facility washdown water is discharged. A gross estimate of 90 gallons per day was provided.

Alaska Seafood Company: This facility screens out all fish waste, but discharges approximately 600 gallons per day of equipment/facility washdown water to the sewer system.

Douglas Island Pink and Chum: This hatchery facility responded that no process wastewater is discharged to the sewer system.

Safeway Stores, Inc./Carrs: This grocery facility includes meat/fish processing and estimates approximately 100 gallons per day of facility equipment/washdown water is discharged from the meat and fish department.

Alaskan and Proud/Foodland: This facility estimated a total of 9,000 gallons per day is discharged to the sewer system from the bakery, deli and meat/fish departments.

Super Bear: This facility provided no estimates regarding fish process waste or equipment/facility washdown water.

Northern Keta: This facility processes salmon eggs into caviar. According to the owner, the facility discharges all brine and egg rinse to floor drains discharging to Gastineau Channel. No permit number was provided.

4.2.5 Other Facilities

The following facilities may have chemicals or materials from their processes in their discharge but were unable to provide complete information regarding those waste streams.

Capitol Disposal: This facility is Juneau's municipal waste disposal facility, including a municipal solid waste incinerator. Equipment/facility washdown water from the tipping room floor is discharged directly into the sewer system with no pretreatment. The estimated volume is 200 gallons per day. No information was provided by the facility regarding the characteristics of this discharge. However, given the variety of wastes brought to the facility for incineration, a broad range of constituents may be present in the water discharged to the sewer system.

Legislative Affairs Print Shop: This facility provides printed materials for the Alaska Legislature. Although the survey included information about the principal materials used in the facility, no information was provided about water discharged to the sewer, or characteristics of this wastewater.

5.0 CONCLUSION AND RECOMMENDATIONS

Of all the facilities surveyed, only the Alaskan Brewing Company qualified as a Significant Industrial User. As required by EPA for POTW's with Significant Industrial Users, the City and Borough of Juneau needs to conduct an annual inspection of the Alaskan Brewing Company facility, particularly to review process changes and upgrades since the last inspection.

For facilities with low-strength conventional waste discharges, a number of businesses were only able to provide rough estimates of the volumes of wastewater discharged from

their operations. Additionally, a number of other facilities failed to respond to the survey. It is recommended that a selection of facilities from several categories of businesses be scheduled for facility walk-through inspections to identify waste streams and conduct sampling of materials potentially present in the facility discharges. The categories of businesses could include:

- Photo Processing;
- Printing/Publishing;
- Fish Processing;
- Grocery;
- Waste Incineration; and
- Analytical Laboratories.

Appendix A
SURVEY FORM

**CITY AND BOROUGH OF JUNEAU
SEWER SYSTEM
INDUSTRIAL USERS SURVEY**

For assistance or questions about this survey,
please call Sally Schlichting at Carson Dorn, Inc.
(907) 586-4447

Date Received: _____
CBJ/CDI Use Only

SECTION A

Please complete the front and back of Section A in full, printed clearly. Complete Section B only if necessary.

SECTION A- General Information

1. Company name: _____

2. Address of facility discharging wastewater
to municipal sewer system. _____

3. Mailing address: _____

4. Representative completing this form:
Name _____
Title _____
Phone Number _____

5. Briefly describe the principal products and/or services of your business:

6. What is your normal operating schedule? _____ hours/day _____ days/week

7. Do you discharge oils, greases or fats to the public sewer? ____ Yes ____ No

8. Is there an oil and grease trap in your sewer connection? ____ Yes ____ No

9. If you have a grease trap, what is the frequency of cleaning? _____

How much oil and grease do you generate per month? _____

Where do you dispose of trapped oil and grease? _____

10. Have you been issued a state or federal discharge permit for your operation? ____ Yes ____ No

If yes, please list the permit (s). _____

11. Do you have petroleum hydrocarbon or chemical storage containers, bins, or ponds at your facility?
____ Yes ____ No.

If yes, please attach a description of their location, contents, size, type and frequency and method of cleaning. Indicate if buried steel metal containers have cathodic protection.

12. Do you or will you have floor drains in your facility? ___ Yes ___ No

If you have petroleum hydrocarbon, chemical storage containers, bins or ponds or other potential sources of waste liquids and floor drains, could an accidental spill lead to a discharge to the public sewer system (e.g. through a floor drain)? ___ Yes ___ No.

To a storm drain? ___ Yes ___ No. To the ground or ground water? ___ Yes ___ No.

13. Do you or will you discharge wastes or wastewater (other than domestic waste from bathrooms, toilets, etc.) to the public sewer system? ___ Yes ___ No

If you answered yes to any part of question 12 or 13, please answer the questions in Section B on the following pages. If you answered no to both questions, no further information is required. Thank you for your cooperation.

The information in this questionnaire is familiar to me and to the best of my knowledge and belief, such information is true, complete, and accurate.

Signature _____

Date _____

INDUSTRIAL USERS SURVEY SECTION B

Please complete Section B only if you answered yes to questions 12 or 13 from Section A.

SECTION B- Wastewater Information

1. Please describe the process to be used in your facility that will result or may result in wastewater discharge to the public sewer system.
2. This facility generates or will generate the following types of wastes (check all that apply).

	Average Gallons Per Day
___ Domestic Wastes (restrooms, employee showers etc.) EPA suggests 15 gallons per day for each employee	_____
___ Cooling Water, Noncontact	_____
___ Boiler/Tower Blowdown	_____
___ Cooling Water, Contact	_____
___ Process Waste Liquids	_____
___ Equipment/Facility Washdown	_____
___ Air Pollution Control Unit	_____
___ Stormwater Runoff to Sewer	_____
___ Other (Describe)	_____
___ _____	_____
___ _____	_____

3. Wastes from this facility are discharged or may be discharged to (check all that apply).

	Average Gallons Per Day
<input type="checkbox"/> Municipal Sewer System	_____
<input type="checkbox"/> Storm Sewer	_____
<input type="checkbox"/> Surface Water	_____
<input type="checkbox"/> Groundwater (on-site disposal)	_____
<input type="checkbox"/> Waste Haulers	_____
<input type="checkbox"/> Other (Describe)	_____
_____	_____
_____	_____
_____	_____

4. List all principal materials regularly used in your facility that may be present in your wastewater discharge (such as cleaning agents, solvents, food processing waste, plating solutions, catalysts, milk wastes, ink, etc.) Identify chemical constituents, if known or brand name.

	Amount Per Year	Chemical Constituents of Brand Name
a. <u>Example: Degreaser</u>	<u>3 gallons</u>	<u>Trichloroethylene</u>
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____
g. _____	_____	_____
h. _____	_____	_____
i. _____	_____	_____
j. _____	_____	_____
k. _____	_____	_____

(Attach additional sheets if necessary)

5. Characteristics of your wastewater:

- a. Temperature _____ Don't know _____
- b. pH Level _____ Don't know _____
- c. Flammable or explosive materials Yes No Don't know
- d. Solid or viscous material Yes No Don't know
- e. Priority pollutant (see attachment A) Yes No Don't know

6. If your facility employs processes in any of the industrial categories or business activities listed below and any of these processes generate or cogenerate wastewater or waste sludge, place a check beside the category or business activity (check all that apply).

a. Industrial Categories

- | | |
|---|---|
| <input type="checkbox"/> Adhesives | <input type="checkbox"/> Can Making |
| <input type="checkbox"/> Aluminum Forming | <input type="checkbox"/> Coal Mining |
| <input type="checkbox"/> Automobile repair, maintenance or bodywork | <input type="checkbox"/> Coil Coating |
| <input type="checkbox"/> Battery Manufacturing | <input type="checkbox"/> Copper forming |
| | <input type="checkbox"/> Electric and Electronic Components |

- Electroplating
- Explosives Manufacturing
- Gum and Wood Chemicals
- Inorganic Chemicals
- Iron and Steel
- Leather Tanning and Finishing
- Mechanical Products
- Metal Finishing
- Nonferrous Metals
- Ore Mining
- Organic Chemicals
- Paint and Ink
- Pesticides
- Petroleum Refining
- Pharmaceuticals
- Photographic Supplies
- Plastic and Synthetic Materials
- Plastics Processing
- Porcelain Enamel

- Printing and Publishing
- Pulp, Paper, and Fiberboard
- Rubber
- Soaps and Detergents
- Steam Electric
- Textile Mills
- Timber Products (wood preserving)
- Waste Recycler

b. Other Business Activity

- Dairy Products
- Slaughter/Meat Packing/Rendering
- Food/Edible Products Processor
- Fish or Seafood Processing
- Beverage Bottler
- Other
- _____
- _____
- _____

7. Pretreatment devices or processes used for treating wastewater or sludge (check as appropriate).

- | | |
|---|---|
| <input type="checkbox"/> No Pretreatment Provided | <input type="checkbox"/> Reverse Osmosis |
| <input type="checkbox"/> Air Flotation | <input type="checkbox"/> Screening |
| <input type="checkbox"/> Centrifuge | <input type="checkbox"/> Sedimentation |
| <input type="checkbox"/> Chemical Precipitation | <input type="checkbox"/> Septic Tank |
| <input type="checkbox"/> Chlorination | <input type="checkbox"/> Solvent Separation |
| <input type="checkbox"/> Cyclone Separator | <input type="checkbox"/> Spill Protection |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Sump |
| <input type="checkbox"/> Flow Equalization | <input type="checkbox"/> Biological Treatment, Type _____ |
| <input type="checkbox"/> Grease or Oil Separation, Type _____ | |
| <input type="checkbox"/> Grease Trap | <input type="checkbox"/> Rainwater diversion or Storage, Type _____ |
| <input type="checkbox"/> Grinder | |
| <input type="checkbox"/> Grit Removal | <input type="checkbox"/> Other Chemical Treatment, Type _____ |
| <input type="checkbox"/> Ion Exchange | |
| <input type="checkbox"/> Neutralization, pH Adjustment | <input type="checkbox"/> Other Physical Treatment, Type _____ |
| <input type="checkbox"/> Ozonation | |

8. Is your facility in compliance with the CBJ industrial pretreatment ordinance?

Yes No Don't Know

9. Is a manhole or structure available onsite for inspecting and sampling wastewater from your facility? Yes No

10. Are liquid wastes or sludges from this business disposed of by means other than discharge to the sewer system? Yes No

If "yes", please answer question 11 and 12. If "no", please skip questions 11 and 12.

11. Describe the wastes from your facility and indicate the gallons or pounds generated per year:

	Gal/lbs		Gal/lbs
Acids and Alkalis	_____	Plating Wastes	_____
Heavy Metal Sludges	_____	Photo chemicals	_____
Inks/Dyes	_____	Pretreatment Sludges	_____
Oil and/or Grease	_____	Solvents/thinners	_____
Organic Compounds	_____		
Paints	_____	Other Wastes (specify)	
Pesticides	_____		
		_____	_____

13. For the above wastes, does your company practice:

- ___ Onsite Storage
- ___ Offsite Storage
- ___ Onsite Disposal
- ___ Offsite Disposal

Briefly describe the method(s) of storage or disposal checked above.

14. Are any process changes or expansions planned during the next three years?

___ Yes ___ No If yes, please attach a separate sheet to this form briefly describing the planned changes or expansion.

15. Do you have an accidental spill program for the facility? ___ Yes ___ No If yes, please attach the plans.

16. Please describe previous spill events and remedial measures taken to prevent their reoccurrence.

17. Comments:

The information in this questionnaire is familiar to me and to the best of my knowledge and belief, such information is true, complete and accurate.

Signature _____

Date _____

Thank you very much for taking the time to complete these surveys.

Please fold the survey with mailing address showing, staple and drop it in the mail.
Or you may fax it to 586-5917.

Carson Dorn, Inc.
712 West 12th Street
Juneau, AK 99801

Attn: Sally Schlichting

(staple)

Appendix B
SURVEY LIST WITH RESPONSES

**TABLE 1
SURVEY LIST AND INFORMATION SUMMARY**

NO.	BUSINESS NAME	TYPE OF FACILITY OR ACTIVITY	WASTES DISCHARGED	COMMENTS	DB Entry
1	AEL&P Auke Bay Power Plant	Electric power generation, transmission and distribution	Domestic only	Multiple facilities each have floor drains and oil/water separator that is connected to the storm sewer system.	YES
2	AEL&P Lemon Creek Power Plant	Electric power generation, transmission and distribution	Domestic only	Has an SPCC Plan; sewer connection for restrooms only, floor drains go to oil/water separator.	YES
3	AEL&P Salmon Creek Power Plant	Electric power generation, transmission and distribution	Domestic only	Floor drains go to oil/water separator	YES
4	AERO SERVICES INC	Aircraft fuel distribution	Domestic wastes	entered into database in the event there is a facility change	YES
5	AK CORR. INDUST.-LAUNDRY	Institutional Laundry	Domestic wastes and laundry wastewater		YES
6	ALASKA AUTO REPAIR & SALES INC	Auto repairs	domestic wastes/ grease trap	grease trap cleaned once/week	YES
7	ALASKA BOAT & MARINE LLC	brokerage and financial services	Domestic only		NO
8	ALASKA BOAT COMPANY	retail candy shop	Domestic only	no grease trap indicated.	YES
9	ALASKA GLACIER SEAFOOD	Fish processing	Equipment facility washdown		YES
10	ALASKA LAUNDRY	commercial laundry and drycleaning facility	Domestic, cooling water, process waste liquids		YES
11	ALASKA LITHO	commercial printing	domestic wastewater	grease trap cleaned annually	YES
12	ALASKA SEAFOOD COMPANY	Fish processing	Cooling water noncontact, facility washdown		YES
13	ALASKAN BREWING AND BOTTLING CO.	beer brewing and bottling	Domestic wastes, BOD, process waste liquids,etc.	non-conventional discharges, Significant: Industrial User	YES
14	ALASKAN MEMORIAL PARK AND MORTUARY	funeral and cemetery	not connected to city sewer		NO
15	AMERICAN IRON AUTOMOTIVE	automotive component repair	not connected to city sewer		NO
16	ANALYTICA LABORATORY	environmental laboratory	domestic wastes and water samples from clients	facility has changed to a neutralization process for heavy metals in discharge	YES
17	ANB/TLINGIT-HAIDA	offices and public venue	domestic only		NO
18	ART SUTCH PHOTOGRAPHY	photoprocessing	domestic and small amount of photochemicals	approximately 1 gallon max per day of self-neutralizing chemicals may be discharged	YES
19	AWARE, INC.	temporary shelter for women and children	domestic	generates grease but no grease trap indicated	YES
20	BARANOF HOTEL	hotel, restaurant, lounge	domestic wastes, kitchen has a grease trap	trap cleaned out at least once a month	YES
21	BREEZE INN, INC	convenience store, food processing	Domestic only	no grease trap indicated.	YES
22	BULLWINKLES	pizza restaurant	Domestic only	no grease trap; no grease produced in food prep.	NO
23	CAPITAL CHEVROLET	car sales, automotive service, parts, maintenance	domestic wastes	grease trap cleaned monthly	YES
24	CAPITAL COPY	photocopy center	Domestic only		NO
25	CAPITOL DISPOSAL	municipal solid waste incinerator	domestic wastes and equipment/facility washdown	washdown water from tipping room floor is discharged to sewer. Constituents of discharge unknown.	YES
26	SAFEMWAY STORES INC./CARRS	retail grocery, photo processing, fish/meat processing	Domestic, photochemicals, equipment facility washdown	grease trap, screens, silver recovery unit, produce grinder	YES
27	CATCHLIGHT DIGITAL IMAGING	Photography studio	Domestic only	no photoprocessing, all digital	NO
28	CBJ-AIRPORT MAINTENANCE	Maintains airfield with 42 pieces of heavy equipment	Domestic wastes	collects and burns all grease	YES
29	CBJ-BARTLETT HOSPITAL	regional health care facility	domestic wastes, boiler tower blowdown	grease trap cleaned daily, photoprocessing performed on site, silver recovery unit	YES
30	CBJ-CITY SHOP #1	maintenance of city vehicles and equipment	domestic wastes, noncontact cooling water, equip. washdown	grease trap cleaned every three months	YES
31	CBJ-SCHOOL DISTRICT- ALTERNATIVE HIGH SCHOOL	educational facility	Domestic only		NO
32	CBJ-SCHOOL DISTRICT-SCHOOL COMPLEX	educational facility	Domestic only		NO
33	CBJ-THANE TRMT PLANT	treating domestic wastewater	Domestic only		YES
34	CBJ-UTILITIES	Potable water	Domestic only		YES

TABLE I

SURVEY LIST AND INFORMATION SUMMARY

NO.	BUSINESS NAME	TYPE OF FACILITY OR ACTIVITY	WASTES DISCHARGED	COMMENTS	DB Entry
35	CHATHAM ELECTRIC, INC	offices for electrical contracting company	not connected to city sewer		NO
36	CONSTRUCTION MACHINERY INC	heavy equipment leasing and maintenance	domestic wastes and equipment/facility washdown	grease trap cleaned weekly.	YES
37	COOK HOUSE, INC.	restaurant	domestic waste, stormwater, equip. washdown	grease trap cleaned monthly	YES
38	COPY EXPRESS	Copying and printing	domestic wastes only		NO
39	COPY WORKS	copy shop	domestic wastes only		NO
40	COSTCO WHOLESALE	discount warehouse store	domestic wastes, grease trap	grease trap cleaned nightly, no information about washdown permitted oil water separator. Spill plans in place and available for review.	YES
41	DELTA WESTERN INC	Fuel distribution company	domestic wastes only		YES
42	DESIGN NORTH	contractor	domestic wastes only		NO
43	DON DOUGLAS PHOTOGRAPHY	Photography studio	domestic wastes, some photochemicals	no pretreatment	YES
44	DOUGLAS CAFE	restaurant	domestic wastes	no grease trap. Grease collected from cooking weekly.	YES
45	DOUGLAS ISLAND PINK CHUM	fish hatchery	domestic wastes	grease trap cleaned annually; no information about washdown	YES
46	DRAGON INN	restaurant	domestic wastes	grease trap cleaned monthly	YES
47	DUCK CREEK MARKET	convenience store	domestic wastes only	no grease trap, no food preparation	NO
48	EL SOMBRERO	restaurant	domestic wastes	grease trap cleaned twice a month	YES
49	FERNANDOS	restaurant	domestic wastes	grease trap cleaned twice a month	YES
50	FIVE STAR PHOTO	Photography studio	domestic wastes and photochemicals	no pretreatment	YES
51	ALASKAN & PROUD/FOODLAND	grocery, food prep, fish and meat processing	domestic wastes, ground produce, waste liquids, equip washdown	grease trap cleaned weekly, has a grinder	YES
52	FREDS AUTO SERVICE	automotive repair		no grease trap; grease/oil collected and picked up by waste hauler	YES
53	FRONT STREET PHOTO	photoprocessing facility	domestic wastes, photo processing wastes	pretreatment includes chemical precipitation and silver recovery, no floor drains	YES
54	GASTINEAU HUMAN SERVICES CORP.	Social services/residential facility	domestic wastes only	small apartments only	YES
55	GASTINEAU HUMANE SOCIETY	animal shelter	domestic, facility washdown		YES
56	GLACIER RESTAURANT (AIRPORT)	restaurant and catering	domestic wastes	3 grease traps cleaned out weekly	YES
57	GLORY HOLE	food and shelter for the homeless	domestic wastes	grease trap cleaned every 6 weeks	YES
58	GOLDBELT HOTEL JUNEAU	hotel, restaurant, lounge	domestic wastes	no grease trap. Grease collected from cooking and disposed of monthly at dump.	YES
59	GOOSEPOINT PROPERTIES	commercial and residential rentals	domestic wastes only		YES
60	HANGAR ON THE WHARF	restaurant and lounge	domestic wastes	grease traps with enzymes; cooking grease collected and taken to dump	YES
61	HELPING HANDS	charitable food organization	domestic wastes and small amount of waste liquids	all other food is distributed or taken to Swampy Acres	YES
62	JERRY'S MEATS AND SEAFOODS	fish and meat processing	facility washdown	volumes of washdown water; unknown, grease trap cleaned monthly	YES
63	JOHNSON YOUTH CENTER	Juvenile detention center	domestic wastewater only	no kitchens, all food prepared at Bartlett and brought in	YES
64	JOSTEN'S CAMPUS PHOTOGRAPHY	No photoprocessing	domestic wastewater only		NO
65	JUNEAU ELKS LODGE	kitchen facility	domestic wastes	grease trap cleaned monthly	YES
66	JUNEAU EMPIRE	Newsprint and photoprocessing	domestic wastewater, photochemicals, equipment washdown	silver recovery unit	YES
67	JUNEAU PHOTO WORKS	Photography studio	domestic wastewater and photochemicals	no pretreatment	YES
68	JUNEAU PIONEER HOME	assisted living facility serving elders	domestic wastes, commercial-grade laundry facility	no grease trap; bi-ennial cleaning of a wet well	YES

TABLE I

SURVEY LIST AND INFORMATION SUMMARY

NO.	BUSINESS NAME	TYPE OF FACILITY OR ACTIVITY	WASTES DISCHARGED	COMMENTS	DB Entry
69	JUNEAU READY MIX INC	ready-mix concrete, gravel and sand	domestic wastes	process waste liquids from concrete discharged to groundwater	YES
70	JUNEAU WASH INC	Car wash	Equipment facility washdown	discharged to sewer system	YES
71	JUNEAU YACHT CLUB	Clubhouse	not connected to city sewer		NO
72	KARMA CAFÉ, DBA FIDDLEHEAD	restaurant and catering	domestic wastes	grease trap cleaned twice a week	YES
73	KMART- JUNEAU, ALASKA	Discount retail merchandiser store, grocery, photoprocessing	domestic wastes, some waste liquids, photo chemicals	grease trap, silver recovery unit, no produce grinder.	YES
74	LEGISLATIVE AFFAIRS/PRINTSHOP	print shop for legislative materials	domestic wastes, equipment facility washdown	chemical concentrations in discharge unknown	YES
75	MacKinco (Emporium Mall)	property rental	domestic wastes	individual businesses to respond	NO
76	MARILYN HOLMES PHOTOGRAPHY	Photography studio	domestic wastes only	no photoprocessing on site	NO
77	MARITIME HYDRAULICS	Install hydraulic systems on fishing vessels	domestic wastes only		NO
78	MARK KELLEY	Photography studio	domestic wastes only	no photoprocessing on site	NO
79	MIKE'S AIRPORT EXPRESS	gas station service	domestic wastes	grease/oil trap cleaned every 3 months	YES
80	MIKE'S PLACE	restaurant	domestic wastes	no grease trap, cooking grease collected and disposed	YES
81	MOBILE OIL & SERVICE	not currently in business			YES
82	N C MACHINERY CO.	heavy equipment leasing and maintenance	domestic wastes, equipment facility washdown	grease trap cleaned once every 6 months	YES
83	NORTHERN KETA	egg processing for salmon caviar	domestic wastes only	floor drains are all piped to surface water (Gastineau Channel)	YES
84	NORTHLIGHT PANORAMIC PHOTOGRAPHY	photographic prints and framing	domestic wastes and photochemicals	silver recovery unit	YES
85	OLIVIA'S DE MEXICO	restaurant	domestic wastes	no grease trap, all grease is re-used till it's gone	YES
86	PROSPECTOR HOTEL	hotel, restaurant, lounge	domestic wastes, stormwater, facility washdown	grease trap cleaned every four months	YES
87	RITZ CAMERAS	photoprocessing	domestic wastes, photo processing wastes	silver recovery unit	YES
88	S O S PHOTOGRAPHY	Photography studio	domestic wastes only	no photoprocessing	NO
89	SALVATION ARMY	used clothing store	domestic wastes only		NO
90	SE ALASKA VETERINARY CLINIC	veterinary hospital	domestic wastes, cooling water, process waste liquids, stormwater	no pretreatment	YES
91	SEAHRC	HEALTH CARE	domestic wastes only		NO
92	SEWILL'S QUALITY AUTOBODY	autobody work	domestic wastes	doesn't know if there's a grease trap, uses paints and disposes at HHW, no floor drains	NO
93	SHAUB-ELLISON CO.	tires and installation	domestic wastes, equipment facility washdown	grease trap cleaned once a year	YES
94	SIGNPRO	computer generated sign manufacturer	domestic wastes only		NO
95	SILVERBAY AVIATION	Private aviation company, aircraft maint.	domestic wastes	no grease trap, but used oil/grease collected and disposed	YES
96	SILVERBOW INN #1	baker, restaurant, hotel, catering	domestic wastes	no grease trap, cooking grease collected and disposed	YES
97	SITKA ROSE STUDIO	Photography studio	domestic wastes only	no photoprocessing	NO
98	SKIP GRAY PHOTOGRAPHY	Photography studio	domestic wastes only	no photoprocessing	NO
99	SOUTHEAST ANTI-FREEZE RECYCLING	onsite recycling service	domestic wastes only	only an office on site	NO
100	ST VINCENT DE PAUL	non profit business	domestic wastes only	Kitchen?	YES
101	STATE OF ALASKA/DOT&PF, SE REG	maintenance of state vehicles	domestic, stormwater, equip. washdown	grease trap cleaned quarterly, Accidental spill plan is in place for the facility. Past spill occurred from a leaking diesel dispenser contaminated with approximately 10cy material, treated in a biocell.	YES
102	SUPER 8 MOTEL	motel	domestic wastewater only		NO

TABLE I

SURVEY LIST AND INFORMATION SUMMARY

NO.	BUSINESS NAME	TYPE OF FACILITY OR ACTIVITY	WASTES DISCHARGED	COMMENTS	DB Entry
103	SUPER BEAR	grocery, food prep, fish and meat processing	domestic wastes, ground produce, washdown water	no information provided on discharges. Grease trap on premises	YES
104	TAKU SMOKERIES	Fish processing	domestic wastes only	all facility washdown, fish wastes, etc, discharged via NPDES permit	YES
105	THREA	offices	domestic wastes only		NO
106	TRIANGLE CLUB	lounge	domestic wastes only	no kitchen	NO
107	UAS CARPENTERS SHOP	woodworking maintenance for UAS	domestic wastes only		NO
108	UAS EGAN BUILDING	educational classrooms and learning center	domestic wastes only		NO
109	UAS HENDRICKSON BUILDING	classrooms and offices	domestic wastes only		NO
110	UAS MOURANT BUILDING	food services to UAS	domestic wastes, equipment facility washdown	commercial kitchen, grease trap cleaned every six months as needed	YES
111	UAS NOVATNEY BUILDING	offices	domestic wastes only		NO
112	UAS SOBOLLEFF BLDG AND ANNEX	classrooms ceramics, art labs and offices	domestic wastes, some wash water from paints		YES
113	UAS STOVER BUILDING	offices, fleet repair maintenance	domestic wastes	grease trap cleaned depending on use	YES
114	UAS WHITEHEAD BLDG	computer services, darkroom	domestic wastes, photo processing wastes	silver recovery unit	YES
115	USDA FOREST SERVICE CHEMISTRY LAB	soil and water sample analysis	process wastes: liquids, domestic wastes	did not provide information about components	YES
116	USDA FOREST SERVICE PATHOLOGY LAB	study of fungus	domestic wastes only	solid wastes disposed of through landfill	YES
117	WONSER BUILDING	offices	domestic wastes only		NO
118	WOODS PHOTO FRAMING	Photo framing	domestic wastes only	no photoprocessing	NO

TABLE I
FACILITIES THAT DID NOT RESPOND

NO.	BUSINESS NAME	ACTION
1	AI PROP REPAIR	SEVERAL MESSAGES LEFT, NO RESPONSE
2	Alaska Army National Guard	FAXED, FAXED AGAIN
3	BREAKWATER INN	CALLED/FAXED; REFUSES TO RESPOND
4	BYRNES PHOTOGRAPHY	no response
5	C&C STEAMWAYS	PENDING, CALLED
6	CANTON HOUSE	CALLED/FAXED
7	CAPITAL SERVICE, INC	FAXED, CALLED SEVERAL TIMES
8	CBJ-AUKE BAY FIRE HALL	CALLED/FAXED
9	CBJ-JUNEAU FIRE HALL	CALLED/FAXED
10	CBJ-THANE INCINERATOR METER I	no response
11	CBJ-VALLEY FIRE HALL	CALLED/FAXED
12	CHANNEL MOTORS	LEFT MESSAGE
13	COMMERCIAL SIGNS AND PRINTING	NO RESPONSE DUE TO ILLNESS
14	DAVID GELOTTE PHTOGRAPHY	MAILED, CALLED, EMAILED
15	DONNA'S RESTAURANT	CALLED/FAXED
16	DOWNTOWN TESORO	CALLED/FAXED
17	EVANS AUTO DIESEL & MARINE	CALLED/FAXED
18	EVERGREEN MOTORS	called but hasn't sent survey, faxed, called
19	FOREIGN AUTO REPAIR	CALLED/FAXED
20	GLACIER AUTOMOTIVE REPAIR	CALLED/FAXED
21	GOLDEN NORTH PRINTERS	FAXED
22	GRANDMA'S RESTAURANT	FAXED
23	GREAT NORTH PHOTOGRAPHY	CALLED/FAXED
24	GSA FINANCE DIVISION	LEFT MESSAGE, faxed
25	HOME LIQUOR	CALLED/FAXED
26	HUMMINGBIRD SERVICES	NO RESPONSE
27	INN AT THE WATERFRONT	FAXED
28	JET STEAM CLEANING	PENDING
29	LAB FLYING SERVICE	FAXED

TABLE I
FACILITIES THAT DID NOT RESPOND

NO.	BUSINESS NAME	ACTION
30	LITTLE HONG KONG (MENDENHALL MALL)	FAXED
31	MCDONALDS	LEFT MESSAGE/FAXED
32	MCDONALDS	LEFT MESSAGE/FAXED
33	MENDENHALL AUTO CENTER	called but hasn't sent survey
34	MENDENHALL VALLEY TESORO	called but hasn't sent survey
35	METRO TAXI	LEFT MESSAGE
36	PHOTOGRAPHY BY FRANK WILSON	MAILED
37	R & S PUMPING	called but hasn't sent survey, called again
38	RICKS CAFE AND SUBSTATION	called but hasn't sent survey
39	SA/DEPARTMENT OF CORRECTIONS	LEFT MESSAGE;CALLED;FAXED, FAXED
40	SAM'S AUTO BODY	called but hasn't sent survey
41	SUBWAY OF JUNEAU	LEFT MESSAGE
42	TACO BELL	called but hasn't sent survey
43	TEAM TOYOTA	called but hasn't sent survey
44	TIDES RESTAURANT/CHINESE PALACE	Called but hasn't sent survey
45	TRAMAR'S FRANKLIN STREET DINER	NO RESPONSE
46	UAS-ANDERSON BUILDING	NO RESPONSE/NO ONE IN CHARGE AT FACILITY
47	US- DEPT OF COMMERCE/MFS - NOAA	NO RESPONSE
48	WESTOURS MOTOR COACHES	message
49	WILLIAMS ALASKA PETROLEUM-- JUNEAU	called but hasn't sent survey

Appendix C

ELIMINATED FACILITIES

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
1	AC WAREHOUSING	Domestic Wastes Only
2	ADMIRALTY CONDO ASSO C	Domestic Wastes Only
3	AK LUMBER MILL, INC.	Domestic Wastes Only
4	AK MASONIC TEMPLE	Domestic Wastes Only
5	AK NATIONAL GUARD	Domestic Wastes Only
6	AK NATIONAL GUARD	Domestic Wastes Only
7	ALASKA AIRLINES	Domestic Wastes Only
8	ALASKA COMMUNICATIONS SYSTEMS	Domestic Wastes Only
9	ALASKA ELECTRIC AND CONTROL, I	Domestic Wastes Only
10	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
11	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
12	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
13	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
14	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
15	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
16	ALASKA HOUSING FINANCE CORP	Domestic Wastes Only
17	ALASKA PACIFIC BANK	Domestic Wastes Only
18	ALASKA STATE EMPLOYEES CREDIT	Domestic Wastes Only
19	ALDERSGATE METHODIST CHURCH	Domestic Wastes Only
20	ALPINE APARTMENTS	Domestic Wastes Only
21	AMERIGAS	Domestic Wastes Only
22	AT & T ALASCOM	Domestic Wastes Only
23	AT & T ALASCOM	Domestic Wastes Only
24	AUKE BAY BIBLE CHURCH	Domestic Wastes Only
25	AUKE BAY TOWERS ASSC	Domestic Wastes Only
26	AUKE NU CONDO ASSOC	Domestic Wastes Only
27	AURORA ARMS ASSOCIATION INC	Domestic Wastes Only
28	B & C BUILDING	Domestic Wastes Only
29	B & H ENTERPRISES	Domestic Wastes Only
30	B & J APARTMENTS	Domestic Wastes Only
31	BBS ENTERPRISES	Domestic Wastes Only
32	BBS ENTERPRISES	Domestic Wastes Only
33	BETHANY BAPTIST	Domestic Wastes Only
34	BETHEL ASSEMBLY OF GOD	Domestic Wastes Only
35	BORDER ENTERTAINMENT LLC	Domestic Wastes Only
36	BREEZE INN, INC	Domestic Wastes Only
37	BRIDGEVIEW HOMEOWNERS	Domestic Wastes Only
38	BUDGET LIQUOR	Domestic Wastes Only
39	CAMBRIDGE ESTATE II	Domestic Wastes Only
40	CAMBRIDGE ESTATES I	Domestic Wastes Only
41	CAPITAL BROADCASTING INC	Domestic Wastes Only
42	CAPITAL OFFICE PARK	Domestic Wastes Only
43	CBJ-ADAIR KENNEDY	Domestic Wastes Only
44	CBJ-AURORA BOAT HAR	Domestic Wastes Only
45	CBJ-AURORA HAR NORTH	Domestic Wastes Only
46	CBJ-CENTENNIAL HALL	Domestic Wastes Only
47	CBJ-CRUISE SHIP TERM	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
48	CBJ-DOWNTOWN LIBRARY/GARAGE	Domestic Wastes Only
49	CBJ-HARRIS HARBOR	Domestic Wastes Only
50	CBJ-INTERMEDIATE VESSEL FLOAT	Domestic Wastes Only
51	CBJ-MEND SEWER TRMNT	Domestic Wastes Only
52	CBJ-MENDENHALL SEWAGE TRMNT PL	Domestic Wastes Only
53	CBJ-MT JUMBO SCHOOL	Domestic Wastes Only
54	CBJ-MUNICIPAL BLDG	Domestic Wastes Only
55	CBJ-SCHOOL DISTRICT	Domestic Wastes Only
56	CBJ-VALLEY SHOP	Domestic Wastes Only
57	CBJ-ZACH GORDON TEEN CENTER	Domestic Wastes Only
58	CHANNEL FLYING	Domestic Wastes Only
59	CHANNEL TERRACE APTS	Domestic Wastes Only
60	CHAPEL BY THE LAKE	Domestic Wastes Only
61	CHAS. GOLDSTEIN BUILDING	Domestic Wastes Only
62	CHAS. GOLDSTEIN BUILDING	Domestic Wastes Only
63	CHATHAM PLACE CONDOS	Domestic Wastes Only
64	CHRIST EVANGELICAL LUTHERAN CH	Domestic Wastes Only
65	CHURCH OF CHRIST JUNEAU	Domestic Wastes Only
66	CHURCH OF JESUS CHRIST OF LDS	Domestic Wastes Only
67	CHURCH OF NAZARENE	Domestic Wastes Only
68	CITY OF KASAAN	Domestic Wastes Only
69	CITY OF KASAAN	Domestic Wastes Only
70	CITY OF KASAAN	Domestic Wastes Only
71	CONSTRUCTION MACHINERY INC	Domestic Wastes Only
72	COOK APARTMENTS	Domestic Wastes Only
73	COOK'S APARTMENTS	Domestic Wastes Only
74	CROWHILL CONDO ASSOC	Domestic Wastes Only
75	CROWHILL CONDO ASSOC	Domestic Wastes Only
76	CROWHILL CONDO ASSOC	Domestic Wastes Only
77	CROWHILL CONDO ASSOC	Domestic Wastes Only
78	CROWHILL CONDO ASSOC	Domestic Wastes Only
79	DAVIS LOG CABIN	Domestic Wastes Only
80	DIOCESE OF JUNEAU	Domestic Wastes Only
81	DNR-DIVISON OF STATE PARKS	Domestic Wastes Only
82	DOCKSIDE HOMEOWNERS ASSOCIATIO	Domestic Wastes Only
83	DON ABEL BLDG SUPPLY	Domestic Wastes Only
84	DON ABEL HOME TECH CENTER	Domestic Wastes Only
85	DOUGLAS POSTAL STATION	Domestic Wastes Only
86	EAGLES EDGE SUB HOME ASSN	Domestic Wastes Only
87	EARTHJUSTICE LEGAL DEFENSE FU	Domestic Wastes Only
88	EICHMAN & COYNER	Domestic Wastes Only
89	EPISCOPAL CHURCH	Domestic Wastes Only
90	EVERGREEN CONDO	Domestic Wastes Only
91	EVERGREEN CONDO ASSN	Domestic Wastes Only
92	EVERGREEN PROPERTIES	Domestic Wastes Only
93	EVERGREEN PROPERTIES	Domestic Wastes Only
94	EVERGREEN PROPERTIES	Domestic Wastes Only
95	EVERGREEN PROPERTIES	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
96	EXPRESS ALTERATIONS INC	Domestic Wastes Only
97	FAIRWEATHER STABLES	Domestic Wastes Only
98	FAITH LUTHERAN CHURCH	Domestic Wastes Only
99	FAMILY PRACTICE PHYSICIAN	Domestic Wastes Only
100	FEDERAL EXPRESS	Domestic Wastes Only
101	FIRST BAPTIST CHURCH	Domestic Wastes Only
102	FIRST CHURCH OF GOD	Domestic Wastes Only
103	FIRST NATIONAL BANK OF ANCHORA	Domestic Wastes Only
104	FIRST NATIONAL BANK OF ANCHORA	Domestic Wastes Only
105	FITNESS PLUS	Domestic Wastes Only
106	FOREST EDGE CONDO	Domestic Wastes Only
107	FOREST EDGE CONDO	Domestic Wastes Only
108	FOREST EDGE CONDO	Domestic Wastes Only
109	FOREST EDGE CONDO	Domestic Wastes Only
110	FOREST EDGE CONDO	Domestic Wastes Only
111	FOREST EDGE CONDO	Domestic Wastes Only
112	FOREST EDGE CONDO	Domestic Wastes Only
113	FOREST EDGE CONDO	Domestic Wastes Only
114	FOREST EDGE CONDO	Domestic Wastes Only
115	FOREST EDGE CONDO	Domestic Wastes Only
116	FOREST EDGE CONDO	Domestic Wastes Only
117	FOREST EDGE CONDO	Domestic Wastes Only
118	FOREST EDGE CONDO	Domestic Wastes Only
119	FOREST GLEN CONDO	Domestic Wastes Only
120	FOREST GLEN CONDO	Domestic Wastes Only
121	FORREST REETZ & CO	Domestic Wastes Only
122	FRANKLIN ST PROPERTIES	Domestic Wastes Only
123	GASTINEAU HUMAN SERVICES CORP.	Domestic Wastes Only
124	GEORGES GIFT SHOP	Domestic Wastes Only
125	GLACIER AVENUE HOME ASSOCIATIO	Domestic Wastes Only
126	GLACIER STATE CONTRACTORS	Domestic Wastes Only
127	GLACIER VALLEY BAPTIST CHURCH	Domestic Wastes Only
128	GLACIER VALLEY PROF BLDG	Domestic Wastes Only
129	GLACIERVIEW CONDOMINIUM ASSOCI	Domestic Wastes Only
130	GLACIERWOOD CONDOS BLDG #9188	Domestic Wastes Only
131	GOLD LODGE APTS	Domestic Wastes Only
132	GOLDBELT PLACE JOINTVENTURE	Domestic Wastes Only
133	GOLDEN ALASKA INC	Domestic Wastes Only
134	GOLDSTEIN IMPROVEMENT	Domestic Wastes Only
135	GOSPEL MISSIONARY UNION	Domestic Wastes Only
136	GRANT APARTMENTS	Domestic Wastes Only
137	GRANT APARTMENTS	Domestic Wastes Only
138	GRANT APARTMENTS	Domestic Wastes Only
139	GROSS ALASKA INC	Domestic Wastes Only
140	HARBOR HEIGHTS APARTMENT	Domestic Wastes Only
141	HARMON APARTMENTS	Domestic Wastes Only
142	HARTSOCK WILLIAM/TW	Domestic Wastes Only
143	HIGHLAND TERRACE ASS OC	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
144	HILLCREST PARTNERSHIP	Domestic Wastes Only
145	HOFF PROPERTY MANAGEMENT	Domestic Wastes Only
146	HOFF PROPERTY MANAGEMENT	Domestic Wastes Only
147	HUDSON PROPERTIES	Domestic Wastes Only
148	IBEW LOCAL #1547	Domestic Wastes Only
149	INDIAN COVE WATER ASSOCIATION	Domestic Wastes Only
150	INNOVATIVE HOUSING LTD PARTNE	Domestic Wastes Only
151	J A M I	Domestic Wastes Only
152	JAMES PLACE APTS	Domestic Wastes Only
153	JCM RENTALS	Domestic Wastes Only
154	JEFFUS & WILLIAMS CO	Domestic Wastes Only
155	JORDAN CREEK OFFICE CONDOS	Domestic Wastes Only
156	JUNEAU CO JEHOVAH'S WITNESSES	Domestic Wastes Only
157	JUNEAU DRUG CO	Domestic Wastes Only
158	JUNEAU ELECTRONICS	Domestic Wastes Only
159	JUNEAU NORTHERN SALES	Domestic Wastes Only
160	JUNEAU WRESTLING CLUB	Domestic Wastes Only
161	JUNEAU YOUTH HOSTEL, INC	Domestic Wastes Only
162	JUNEAU YOUTH SERVICES	Domestic Wastes Only
163	KEY BANK, NA	Domestic Wastes Only
164	KJNO	Domestic Wastes Only
165	KLONDIKE DOWN, LLC	Domestic Wastes Only
166	KRAUSS APARTMENTS	Domestic Wastes Only
167	KURT WILLIAMSON	Domestic Wastes Only
168	LAKESIDE HOMEOWNERS ASSOCIATIO	Domestic Wastes Only
169	LEGISLATIVE AFFAIR	Domestic Wastes Only
170	LEGISLATIVE AFFAIRS	Domestic Wastes Only
171	LIQUOR BARREL	Domestic Wastes Only
172	M & M PROPERTY INC	Domestic Wastes Only
173	MALONE CAMPBELL ENGINES	Domestic Wastes Only
174	MEAD APARTMENTS	Domestic Wastes Only
175	MENDENHALL APARTMENTS	Domestic Wastes Only
176	MENDENHALL CONDO ASS OC	Domestic Wastes Only
177	MILNES DONALD/EIL	Domestic Wastes Only
178	NEW EVANGEL ASSEMBLY OF GOD	Domestic Wastes Only
179	NIEMI-JEFFERSON PARTNERSHI	Domestic Wastes Only
180	NORTHERN LIGHT CHURCH	Domestic Wastes Only
181	NORTHWOOD APARTMENTS	Domestic Wastes Only
182	ODOM COMPANY	Domestic Wastes Only
183	OHLER/DILLINGHAM GOOD/	Domestic Wastes Only
184	PACIFIC ASSOCIATES	Domestic Wastes Only
185	PARKSHORE CONDOS	Domestic Wastes Only
186	PERSEVERANCE GLASS	Domestic Wastes Only
187	PERSEVERANCE THEATRE	Domestic Wastes Only
188	PLUMBERS UNION LOCAL 262	Domestic Wastes Only
189	POLAR PROPERTIES INC	Domestic Wastes Only
190	POWELL REALTY INC	Domestic Wastes Only
191	POWELL REALTY, INC	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
192	PUBLIC EMPLOY LOCAL 71	Domestic Wastes Only
193	R & D RENTALS	Domestic Wastes Only
194	R & D RENTALS	Domestic Wastes Only
195	REACH INC	Domestic Wastes Only
196	RHINE RENTALS	Domestic Wastes Only
197	RIE MUNOZ LTD	Domestic Wastes Only
198	ROSENBERGER APTS	Domestic Wastes Only
199	SA/ GOVERNORS OFFICE	Domestic Wastes Only
200	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
201	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
202	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
203	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
204	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
205	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
206	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
207	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
208	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
209	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
210	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
211	SA/DEPT OF ADMINISTRATION	Domestic Wastes Only
212	SA/DEPT OF FISH&GAME- FRED DIV	Domestic Wastes Only
213	SAEBROC CONDOS	Domestic Wastes Only
214	SALLY ENGSTROM	Domestic Wastes Only
215	SALMON BROTHERS	Domestic Wastes Only
216	SE REGIONAL RESOURCE CENTER IN	Domestic Wastes Only
217	SEAFLITE INC	Domestic Wastes Only
218	SEALASKA PLAZA	Domestic Wastes Only
219	SEALASKA PLAZA	Domestic Wastes Only
220	SEARHC ANNEX	Domestic Wastes Only
221	SEVENTH DAY ADVENTIST CHRISTIA	Domestic Wastes Only
222	SEWARD BUILDING	Domestic Wastes Only
223	SHATTUCK BUILDING	Domestic Wastes Only
224	SHATTUCK M ASSISTED LIVING HOM	Domestic Wastes Only
225	SHEPHERD OF VALLEY LUTHERAN CH	Domestic Wastes Only
226	SPACE UNLIMITED INC	Domestic Wastes Only
227	SPACE UNLIMITED, INC .	Domestic Wastes Only
228	SPAULDING BEACH CONDOS	Domestic Wastes Only
229	SPENCER REALTY	Domestic Wastes Only
230	SPENCER REALTY	Domestic Wastes Only
231	SPENCER REALTY	Domestic Wastes Only
232	SPENCER REALTY	Domestic Wastes Only
233	SPENGLER/BEHNKE/LARRI	Domestic Wastes Only
234	SPRUCE TOWNHOUSE ASSOCIATION	Domestic Wastes Only
235	ST BRENDAN'S EPISCOPAL	Domestic Wastes Only
236	ST OF AK DIV TELE COMM	Domestic Wastes Only
237	ST PAULS CATHOLIC CHURCH	Domestic Wastes Only
238	STATE APARTMENTS	Domestic Wastes Only
239	STATE APARTMENTS	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST

NO.	BUSINESS NAME	REASON
240	STATE APARTMENTS	Domestic Wastes Only
241	STATE OF ALASKA/DOT&PF, SE REG	Domestic Wastes Only
242	TAKU TERRACE	Domestic Wastes Only
243	TAYLOR ENTERPRISES	Domestic Wastes Only
244	THUNDERBIRD TERRACE ASSOCIATIO	Domestic Wastes Only
245	TIDES MOTEL	Domestic Wastes Only
246	TLINGIT/HAID RHA	Domestic Wastes Only
247	TONGASS MANOR APARTMENTS	Domestic Wastes Only
248	TRIPP INC	Domestic Wastes Only
249	UNIVERSITY OF ALASKA/LIBRARY	Domestic Wastes Only
250	US NMFS - NOAA	Domestic Wastes Only
251	US POSTAL SERVICES	Domestic Wastes Only
252	VALLEY CHAPEL	Domestic Wastes Only
253	VALLEY MINI STORAGE	Domestic Wastes Only
254	VASHA HOMEOWNER'S ASSOCIATIO	Domestic Wastes Only
255	VINSON ARMS	Domestic Wastes Only
256	W.H. & S. ENTERPRISE	Domestic Wastes Only
257	WAYNE & ROSA PAYNE	Domestic Wastes Only
258	WELLS FARGO	Domestic Wastes Only
259	WELLS FARGO	Domestic Wastes Only
260	WILLIAM T. COUNCIL LLC	Domestic Wastes Only
261	WILLIAMSON APTS	Domestic Wastes Only
262	WILLIAMSON PROPERTIES	Domestic Wastes Only
263	WILL-O, LLC	Domestic Wastes Only

TABLE 2
ELIMINATED FACILITIES LIST
FACILITIES ELIMINATED DURING THE SURVEY PROCESS

NO.	BUSINESS NAME	REASON
1	907 IMAGES	NO LISTING
2	A & B FEED & TACK	NO LISTING
3	ABBA INCORPORATED	DOM WASTES
4	ACME WELDING	NOT ON CITY SEWER
5	AFFORDABLE AUTO REPAIR	NO LISTING
6	ALASKA BRONZE WORKS	NO LISTING
7	ALASKA MARINE TRUCKING	DOM WASTES
8	ALASKA MEMORIAL PARK MORTUARY AND CREMATORY	NOT ON CITY SEWER
9	ALASKA MOMENT & MEMORY PHOTOGRAPHY	NO LISTING
10	ALASKAN HOTEL & BAR INC	NO RESTAURANT
11	ANDERSON'S CUSTOM AUTOBODY	NOT ON CITY SEWER
12	ANDES/CIPRIANO/SAMONTE	NO LISTING
13	ARCTICORP	TENANT RESPONSES
14	AUKE BAY ENTERPRISE, LLC	NOT ON CITY SEWER
15	BEST WESTERN INN	NO RESTAURANT
16	BLUEJACKET ENTS.	NO LONGER IN BUSINESS
17	BRAD'S LUBE	NO LISTING
18	CAPITAL CITY CLEANERS (NUGGET MALL)	JUST A PICK UP LOCATION
19	CAPITAL CITY CLEANERS (NUGGET MALL)	JUST A PICK UP LOCATION
20	CBJ-DOUGLAS SHOP/BUS BARN	NOT ON CITY SEWER
21	CBS PARTNERSHIP	Offices
22	CHATHAM PROPERTIES, LLC	PROPERTY MGR
23	CLINE/SUMMERS/MURPHY	NO LISTING
24	COASTAL FUEL, INC	NOT ON CITY SEWER
25	COASTAL HELICOPTERS, INC	NOT ON CITY SEWER
26	COSTELLO PHOTOGRAPHICS	NO PHOTOPROCESSING
27	DAIRY BUILDING	BLDG MANAGER
28	DE HARTS MARINA	NOT ON CITY SEWER
29	DR ERIC SIMPSON	DENTIST
30	DUVALS MARINE SERVICE	NOT CONNECTED
31	EMERALD GLASS	Domestic wastes
32	ERWIN ENTERPRISES	PROPERTY MGR
33	ERWIN ENTERPRISES	Domestic wastes
34	FAR NORTH FOTOGRAFIX	NO LISTING
35	FILIPINO COMMUNITY HALL	DOM WASTES
36	FISHERMEN'S BEND	NOT CONNECTED
37	FMR DEVELOPERS	PROPERTY MGR
38	FOOD SERVICES OF AMERICA	DOES NOT PROCESS FOOD
39	FOOD SERVICES OF AMERICA	DOES NOT PROCESS FOOD
40	GASTINEAU HOTEL	APARTMENTS ONLY
41	GASTINEAU HOTEL	APARTMENTS ONLY
42	GEOLIGHT	NO PHOTOPROCESSING
43	GET THE PICTURE PHOTOGRAPHY	NO LISTING
44	GREENEY ENTERPRISES	NOT IN SERVICE
45	HAFFNER'S PHOTOGRAPHY	NO LISTING
46	HARBOR ENTERPRISES, INC	NOT ON CITY SEWER
47	HUGH GRANT	PROPERTY MGR
48	INSIDE PASSAGE MARINE, INC.	NO LONGER IN BUSINESS
49	J & S MARINE	NO LISTING
50	J A M I	APARTMENTS ONLY

TABLE 2
ELIMINATED FACILITIES LIST
FACILITIES ELIMINATED DURING THE SURVEY PROCESS

NO.	BUSINESS NAME	REASON
51	J.E. RENTALS	NO LISTING
52	JEFF GNASS PHOTOGRAPHY	NO PROCESSING
53	JORDAN CREEK MALL MANAGEMENT	PROPERTY MGR
54	JORDAN SQUARE PARTNERSHIP	PROPERTY MGR
55	JUNEAU I, LLC	DOMESTIC ONLY
56	JUNEAU I, LLC	DOMESTIC ONLY
57	JUNEAU MEDICAL CTR	DOM WASTES
58	JUNEAU PLANT - JON-K SEAFOOD INC.	HOME CANNING OP. SMALL
59	JUNEAU PLANT - JON-K SEAFOOD INC.	HOME CANNING OP. SMALL
60	JUNEAU RACQUET CLUB	DOM WASTES
61	KARL'S AUTO & MARINE REPAIR	NOT ON CITY SEWER
62	KEN WILLIAMSON	PROPERTY MGR
63	LITTLE DOG PHOTO STUDIO	NO PHOTO PROCESSING
64	NORTHSTAR AUTO INC	NO LISTING
65	NUGGET MALL	BLDG MANAGER
66	P C AUTOMOTIVE	NO LISTING
67	PACIFIC MARINE MECHANICAL	NO LISTING
68	PHOTO MASTERS	NO LONGER IN BUSINESS
69	PRESSURE WASHING AND DETAILING	NO LISTING
70	PROFESSIONAL PLAZA	BLDG MANAGER
71	R M C INC.	DOMESTIC ONLY
72	R M C INC.	DOMESTIC ONLY
73	R.H. DEVELOPMENT	Offices
74	RAIN COUNTRY RENTAL	NO LISTING
75	RELIABLE TRANSFER CORP	DOM WASTES
76	ROGERS AUTO TUNEUP	NOT ON CITY SEWER
77	SCOTT'S AUTO BODY SPECIALITIES	LEFT MESSAGE, faxed not connected.
78	SEARHC CLINIC	Domestic wastes
79	SENATE PROPERTIES	BLDG MANAGER
80	SMILES ACROSS THE MILES PHOTOGRAPHY	NOT IN SERVICE
81	STURM PHOTO DESIGN	NO LONGER IN BUSINESS
82	THE SALMON COMPANY	APARTMENTS ONLY
83	THE SALMON COMPANY	APARTMENTS ONLY
84	TRAVELODGE	DOM WASTES
85	TRIANGLE BLDG CO	BLDG MANAGER
86	VALENTINE BLDG	BLDG MANAGER
87	VFW	DOM WASTES
88	WARNERS WHARF (ALASKA LITHO)	duplicate
89	WILD THINGS PHOTOGRAPHY	NO LISTING
90	WRIGHT SERVICES INC	PROPERTY MGR
91	YOUNG RENTALS	PROPERTY MGR