

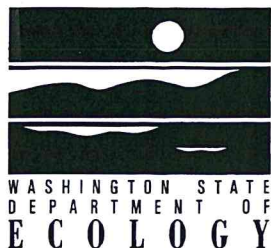
NPDES PERMIT RENEWAL APPLICATION PACKAGE

Date: April 24, 2012

Company: Icicle Acquisition Subsidiary, LLC
DbA AMERICAN GOLD SEAFOODS

NPDES Permit: WA-003157-7

Site Name: Cypress Site 2



For Office Use Only

Date Received _____

Application/Permit No. _____

Waterbody No. _____

SIC _____

**MARINE/FRESHWATER SALMONID NET-PEN
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WASTE DISCHARGE PERMIT APPLICATION FORM**

The following information is required to be submitted on this form to the Department of Ecology, in order for the applicant to obtain a waste discharge permit in accordance with RCW 90.48.160, Chapter 173-220 and Title 33 USC, Section 1251 et seq. 33. Ecology may require that the applicant submit other information as determined necessary by Ecology. All questions must be answered completely and accurately. If a question does not apply, answer with NA.

SECTION A. GENERAL INFORMATION

1. Facility Name: Site 2 Deepwater Bay

2. Operator Name and Mailing Address:

Icicle Acquisition Subsidiary, LLC DbA American Gold Seafoods

Name

PO Box 669

Street

Anacortes

City

WA

State

98221

Zip

3. Facility Location: Deepwater Bay, Bellingham Channel near Cypress Island;
approximate coordinates are Lat. 48 degrees 33' 25.6" N by Long. 122 degrees 41'05"
W

Note: Provide a brief description of the location of the facility: name of the waterbody, nearest town or city, and Latitude/Longitude. Enclose a vicinity map showing the net-pen location in relation to local geographic land marks (Minimum Scale 1" = 1000' or USGS 7.5 minute map) and diagram of the site plan.

4. Owner Name and Mailing Address (If different from the operator):

Same as above

Name

Street

City

State

Zip

5. Primary Contact Person:

Hank Poeschl, General Manager (360) 298-0397


Ecology is an Equal Opportunity and Affirmative Action Employer. For special accommodation needs, contact the Water Quality Program at (360) 407-6600, TDD (360) 407-6006.

	Name	Title	Phone Number
6.	Alternate Contact Person:		
	<u>Kevin Bright,</u>	<u>Permit Coordinator</u>	<u>(360) 391-2409</u>
	Name	Title	Phone Number

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

John Woodruff
 Printed Name of Person Signing

V.P. of Operations
 Title


 Signature of Applicant

4/17/12
 Date Applicant Signed

NOTE: Federal regulations require this application to be signed as follows: A.) for corporation, by a principal executive officer of at least the level of vice president; B.) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or C.) For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.

SECTION B. BACKGROUND INFORMATION

1. LOCATION

- 1.1 Waterbody: Bellingham Channel
- 1.2 County: Skagit
- 1.3 Latitude: 48° 33' 25.6" N
- 1.4 Longitude: 122° 41' 05" W
- 1.5 Section, Township, Range: Sect. 4, T 35N, R 1E

2. FACILITY

- 2.1 Is this facility (check one): ☒ Existing? ☐ Proposed?
- 2.2 Species of fish raised: Atlantic Salmon (Salmo salar)
- 2.3 Date facility was (or will be) constructed: 01/15/87
- 2.4 Note the Final SEPA action taken:
- | | |
|-----------------------|-----|
| EIS | [] |
| DNS | [x] |
| Mitigated DNS | [] |
| Date: <u>06/07/96</u> | |
- Attach copy of the Final SEPA determination, checklist and EIS. Existing facility-refer to original SEPA documents.
- 2.5 Has a shoreline permit been issued for this project? [x] yes [] no
- If yes, what is the permit number? 590143434 Date of permit? 04/24/84
- Shoreline permit issuing agency: Skagit County
- 2.6 Is this facility sited on state owned tidelands? yes [x] no [] N/A []
- If yes, provide the following: DNR lease number 20-A12517
Lease expiration date 12/31/2023
- If no, provide the legal owners name: _____
- 2.7 Has an Army Corps of Engineers Section 10 Permit been applied for or secured?
yes [x] no [] N/A []
- If yes, provide the following: Permit number 071-OYB-009380
- 2.8 Has a Department of Fish and Wildlife Hydraulic Project Approval been applied for or secured?

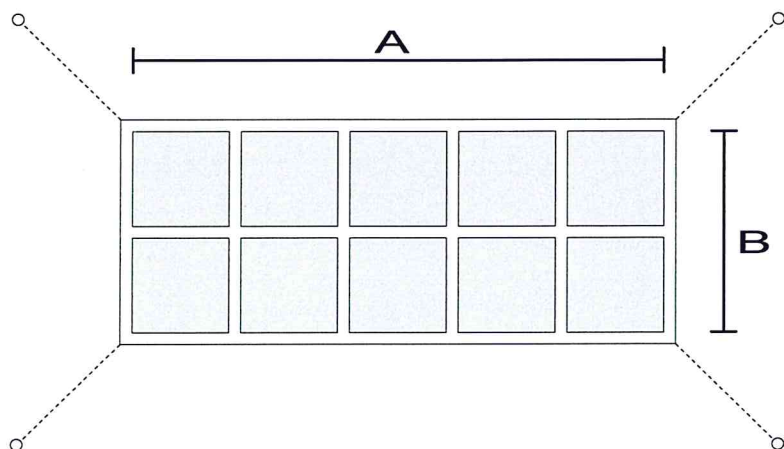
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yes [x] no [] N/A []

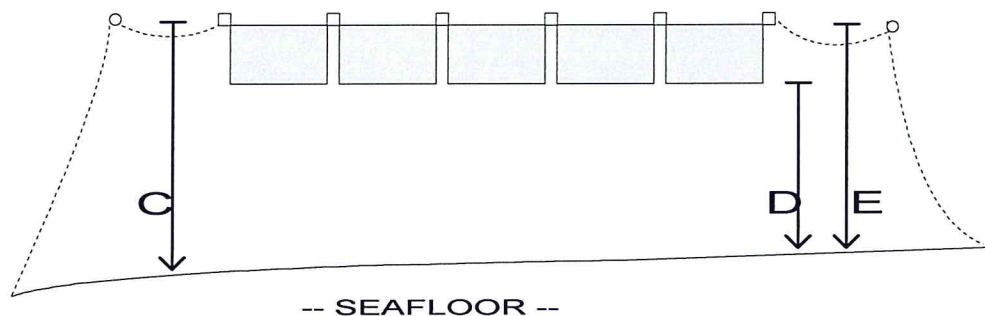
If yes, provide the following: HPA number B1-009380-02

Expiration date N/A

- 2.9 Provide the measurements requested below (Refer to site characterization survey performed to obtain local, state, or federal permits for the facility):



PLAN VIEW



SECTION VIEW

- A Length of aggregate net-pen rearing area in feet:440'
- B Width of aggregate net-pen rearing area in feet:..... 190'
- C Minimum distance between bottom of net-pens and sea floor at MLLW in feet: 15'
- D Minimum distance between bottom of net-pens and sea/lake floor at MLLW in feet:
N/A
- E Minimum depth at site (at MLLW for marine) in feet:..... 55'
- F Distance to nearest shoreline (at MLLW for marine) in feet:275'

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- G Direction of dominant current from the net-pen(s): South
- H Estimated mean current speed (midway between the bottom of the net-pen and the sea/lake floor in cm/sec): 25
- I Maximum current speed (midway between the bottom of the net-pen and the sea/lake floor in cm/sec): 35

3. OPERATION

- 3.1 Number of months per year when fish are reared at facility: 12
- 3.2 Estimates of the amount of fish on hand and amount of food fed per month for the calendar year of maximum production over the next five years.

lbs. fish		lbs. food	lbs. fish		lbs. food
January	<u>1,800,000</u>	<u>260,000</u>	July	<u>1,800,000</u>	<u>260,000</u>
February	<u>1,800,000</u>	<u>260,000</u>	August	<u>1,800,000</u>	<u>260,000</u>
March	<u>2,000,000</u>	<u>280,000</u>	September	<u>1,600,000</u>	<u>240,000</u>
April	<u>2,400,000</u>	<u>320,000</u>	October	<u>1,600,000</u>	<u>240,000</u>
May	<u>2,600,000</u>	<u>340,000</u>	November	<u>1,800,000</u>	<u>260,000</u>
June	<u>2,000,000</u>	<u>280,000</u>	December	<u>2,000,000</u>	<u>280,000</u>

- 3.3 Maximum net pounds of annual fish production: 3,000,000
- 3.4 Month of maximum feeding: May
- 3.5 Maximum monthly feed (lbs): 340,000
- 3.6 Method of feeding (check all that apply) and estimate percent of food fed using that method:

☐ Hand _____
 Percent

☒ Automatic 100%
 (timed) Percent

☐ Automatic _____
 (demand) Percent

- 3.7 List feed additives, disease control chemicals and medications that may be used in the net-pen operation. Include active ingredient(s), intended use rates and treatment

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concentrations (attach additional sheets if more room is necessary).

See Attachment A. _____

- 3.8 Describe how the nets will be cleaned, the land disposal or treatment of net foulants, the frequency of cleaning. (Note: The use of any antifoulants to prevent net fouling is prohibited).

See Attachment A. _____

- 3.9 Describe any chemicals or toxic materials used. Include all chemicals including gasoline/oil, disease control chemicals, medications, anesthetics, therapeutants, antifoulants, disinfectants, pesticides, etc.

See Attachment A. _____

- 3.10 Describe the solid waste disposal practices for the facility. Include specific descriptions on collection, storage and disposal of fish mortalities, how sanitary wastes are collected and disposed, and how feed bags and other solid wastes are collected, stored and disposed. Include the average amount generated on a monthly basis for each of the above items (use appropriate units).

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See Attachment A. _____

4. ENVIRONMENTAL MONITORING

Ecology must receive enough information about the environmental conditions at the location of your facility to adequately characterize the impact of the discharge on the receiving water. If available, attach copies of the following:

- 4.1 Site characterization survey performed to obtain local, state, or federal permits for the facility. Note: Proposed facilities need to contact Ecology for survey requirements.
- 4.2 Baseline surveys performed to obtain local, state, or federal permits for the facility.
- 4.3 Summaries of annual benthic monitoring results performed to meet DNR lease or other local, state, or federal permit requirements for the facility.
- 4.4 Summaries of any water quality or sediment monitoring results. Give dates of sediment monitoring.

ATTACHMENT A

ATTACHMENT A

(2012 NPDES WDOE Net Pen Permit Renewal Application – April 2012)

3.7) Feed additives, disease control chemicals and medications that may be used at the net pen facilities include the following;

Feed Additives-

Canthaxanthin and/or Astaxanthin - Natural or synthetically produced compounds of these two types of carotenoid pigments may be added to the fish feed in levels ranging from 30 ppm to 70 ppm total. Both canthaxanthin and astaxanthin are approved by the USFDA for use in fish feed for the coloration of the flesh. There are health benefits to the cultured salmon stocks from storing carotenoid pigments in their muscle tissue. Both canthaxanthin and astaxanthin are known antioxidants sold in health food stores for human consumption.

Antioxidants - Antioxidants are added to the fish feed mixture to stabilize the vitamin supplements in the feed and to increase the shelf life of the fish feed. Antioxidants that are used are Ethoxyquin (in the fish meal), BHA (in the fish oil), and Vitamin E.

Antibiotic Medicated Feed-

The use of medicated feed at the net pen sites is infrequent. Some of American Gold's net pen facilities will go 12 months or longer without requiring the use of medicated feed. Companywide, medicated feed makes up on average 2% of the total feed used during an entire year.

Romet 30 (Sulfadimethoxine-ormetoprim) - Romet is an aquaculture drug that may be used to treat Furunculosis, Vibrio, Myxobacterial and other bacterial diseases if they occur in the fish stocks. When a specific treatment is ordered to treat a disease event, Romet is added during the feed manufacturing process at the prescribed dosage rate by the feed manufacturer. Romet 30 medicated feed is manufactured at a concentration of 2.27 grams active ingredients/lb. of feed and administered at a dosage rate of 50mg of drug/ kg of fish/ day for a period of a five (5) day treatment.

Terramycin TM 200 (Oxytetracycline HCL) - Antibiotic used to treat Furunculosis, Vibrio, Myxobacteria, and other bacterial infections. A Terramycin pre-mix is added to the feed by the manufacturer when it is prescribed at a concentration of 5 grams of active ingredient for 1 pound of fish feed and then administered at a dosage rate of 75mg drug/ kg of fish/ day for ten (10) days.

Aquaflor- (Florfenicol) – Aquaflor has recently been approved by the USFDA for use in freshwater food fish to treat specific disease. It is used under an INAD permit issued by USFWS for use in marine waters. Aquaflor is mixed in by the manufacture at a specific concentration rate of 0.302 grams per 1 pound of fish feed. The medicated feed is fed at the dosage rate 10mg drug/kg of fish/day for 10 days.

Finquel MS222 – Finquel is a USFDA approved fish anesthetic that is used to anesthetize a sub sample of a fish population during routine weight sampling at the farms. A small number of fish are captured by dip net and then immersed in a tote of water with MS222. The MS 222 knocks the fish out to a point where they can safely handled, weighed and then returned back into the fish pen where they quickly recover from the anesthetic.

Chlorine Bleach Solution and/or Argentyne Iodine – These surface disinfectants are used in footbaths at the farm sites and to sterilize any shared equipment between the sites as a bio-security measure. Primarily Argentine is being used in foot baths at the farm sites during the entire year. Estimated average consumption rates for each farming area (Bainbridge, Cypress, Hope Island and Port Angeles) would be 20 gallons per area.

3.8) Net-cleaning best management practices are described in the American Gold Seafoods (AGS) Pollution Prevention Plans enclosed as Attachment B. The facilities have approval from the Department of Ecology to allow for use of the Flexgard XI net-coating product. This product significantly reduces the rate of marine growth on American Gold Seafood net pens resulting in longer periods between net cleanings. Cleaner nets significantly reduces the drag loads and mechanical stresses on the nets, the mooring system and the cage components and reduces the risks of tidal or storm damage at the facility causing the escapement of cultured fish stocks.

3.9) The AGS Pollution Prevention Plans (Attachment B) contain an updated list of chemicals, the approximate quantities at each site and a description of the storage facilities for each of the net pen operations. In addition to the chemicals identified in the Pollution Prevention Plans, the following disease control chemicals are occasionally used at the facilities;

Chlorine (Bleach) and/or Argentyne (iodine). Disinfectants used in footbaths, and to disinfect dive nets and equipment. Small quantities are used through out the year. Typical amounts of disinfectants used at the sites are 5 gallons per site, per year.

Finquel MS222. A fish anesthetic used occasionally during size sampling of juvenile fish at certain sites.

Medicated Feeds-

Romet 30 (Sulfadimethoxine-ormetoprim) (described above)

Terramycin TM 200 (Oxytetracycline HCL) (described above)

Aquaflor- (Florfenicol) (described above)

3.10) Fish mortalities (morts) are collected from each pen a minimum of twice per week. If the normal mortality level increases due to an environmental or disease event, the frequency of mortality collection is increased as needed. Morts are brought to the surface by divers and disposed of at either a rendering facility or a soil composting facility. Morts are transported to the land based facilities in leak proof plastic fish totes. The amount of fish mortalities varies at different times of the year depending the size of the fish and also on environmental factors such as water temperature and plankton blooms. Average approximate monthly amounts of fish mortalities by site:

Cypress Sites 1, 2 and 3-	Approx. 10,000 lbs/month
Hope Island Site 4-	Approx. 3,000 lbs/month
Port Angeles Site-	Approx. 5,000 lbs/month
Bainbridge Island Sites-	Approx. 15,000 lbs/month

Facilities that do not have access to land based toilets use chemical toilets (Port-a-Potties) for collection of sanitary wastes. The chemical toilets are periodically serviced by the company which provides them. All solid wastes generated by the net pen facilities are collected, stored in totes or garbage containers, and then subsequently taken to the shore side support facilities where they are transferred to and disposed of at proper upland disposal stations. Normal garbage collection containers and services are provided at the Port Angeles office facility; the Rich Passage Fort Ward dock facility; and the Cypress sites (Sites 1, 2, 3 and 4) dock in Anacortes.

Estimated amounts of household type wastes generated for all of the facilities combined would be approximately 500 gallons/month. Feed is transported to the site in large 1 tonne nylon bulk container bags. After the feed is removed from the bags the nylon bags are stacked and either returned to the manufacturer for recycling; or disposed of in the solid waste collection containers located at the shore based support facilities. The best management practices associated with solid and biological waste handling is described in the AGS Pollution Prevention Plans enclosed herewith as Attachment B.

4) Environmental Monitoring

Site characterization and baseline studies were completed at the sites at the time of the original permitting process for the substantial development/shoreline conditional use permits/ Army Corps of Engineers Permits/ WDFW Hydraulic Permits/ and other related and necessary permits from agencies with jurisdiction. This is a renewal application for the NPDES permits of existing and operating facilities and all prior necessary baseline studies have been performed and submitted to the Department of Ecology. The original NPDES/Waste Discharge Permits for these facilities was issued in 1996. American Gold Seafoods and its' predecessors have had a third party consultant conduct the required monitoring for the NPDES permits, including sediment silt clay particles/total organic carbon, benthic in faunal analysis, and underwater photographic surveys. The required reports have been submitted to Ecology and other agencies in a timely manner as required by the conditions of the permits. American Gold Seafoods can provide additional copies of the aforementioned NPDES monitoring reports to Ecology upon request.

ATTACHMENT B

American Gold Seafoods
NPDES POLLUTION PREVENTION PLAN
Updated: April 2012

FISH FEEDING PROCEDURES

1. Properly sized, highly digestible and specially formulated fish feeds with a minimum of fines will be used to feed the fish. Fish feed is manufactured to minimize crumbling and fines and feeding machinery is designed to minimize feed breakage.
2. The fish feeding process will be carried out by experienced technicians. The technician's main duty is to supervise the feeding process, maximum the utilization of the fish feed, and to reduce feed wastage.
3. During periods of conditions of high tidal current, Harmful Algal Blooms, reduced ambient dissolved oxygen, or other conditions the feeding process is managed in order to minimize the occurrence of over feeding.
4. Underwater cameras and/or other types of feed monitoring devices are used as needed to facilitate the feeding process by the technicians and minimize the risks of feed wastage.
5. Feed quantities are recorded per pen, per week and the Feed Conversion Rates (FCR) is closely monitored for signs of over or under feeding.

NETWASHING PRACTICES

1. Fish containment nets are typically pulled to the surface once per year on average. Net changes are timed with seasonal bio-fouling growth period in unison with the production cycle of the fish. Cultured fish stocks typically take 18 to 22 months in seawater to reach harvest sizes. Containment nets may be changed out 2 times during this growing period. This helps to minimize the amount of marine fouling growth on the netting material.
2. Fouled nets are shipped to a land based net cleaning and net repair facility. Cleaning and repair of the nets is carried out by a contracted net repair facility that is specifically operated for purposes of washing, capturing and disposing of waste materials from the cleaning process.
3. Nets are dipped in a water based copper antifouling paint while they are at the upland net washing and repair facility. The antifoulant treatment reduces the amounts of growth on the netting materials which in turn significantly reduces the drag forces exerted on the nets and anchoring systems by strong tidal currents. Nets are removed from the net pen facility for periodic cleaning and retreatment at an upland facility. Waste material from this process is contained and sent to a proper landfill facility. Tributyl tin (TBT) has never been used on nets at any of these facilities.

DISEASE CONTROL CHEMICALS

1. A Disease Control Chemical Use Operational Log will be maintained for each area by the site manager or other responsible site personnel. The log will record the treatment dates, amount and type of treatment material used, reason for use and other relevant information.

DISEASE CONTROL CHEMICALS (cont.)

2. Vaccines for farmed salmon have been developed that significantly reduce the need for the use of disease control chemicals. All fish entering into the net pen facility are vaccinated prior to transport from the hatcheries into the seawater pens. Improved fish growing techniques and improved bio-security measures that prevent or reduce the risk of disease are used in order to reduce the usage of medicated feeds.
3. Fish feeds containing any medication shall be used in a manner which minimizes the discharge of uneaten treatment substances to State waters. Medicated feed treatments are done with specified dosage rates and durations. Fish feeds containing antibiotics are clearly labeled as such and fish pens being treated are clearly marked and logged by site personnel.
4. The Site Managers are responsible for the administration of disease control chemicals on their respective sites. Qualified fish health experts will be consulted prior to any inclusion of medication into the feed.
5. Any disinfectants used for footbaths, dive nets, etc., will be kept to a minimum and reused as much as possible. Used materials will be disposed of at upland facilities. Minimum amounts of these materials necessary for the efficient operation of the facility will be stored on the facility.
6. Any medicated feed will be clearly marked on the label with the type of antibiotic, dosage rate and feeding instructions. Feed is stored in leak proof containers while at the facility.

SOLID AND BIOLOGICAL WASTE COLLECTION, STORAGE AND DISPOSAL

1. Normal fish mortalities (morts) are collected from each pen a minimum of twice per week (weather permitting). The frequency of mortality removal from each pen will be increased depending upon any increases in mortality rates.
2. Morts are to be brought to the surface by either divers or using fish pumps and then transferred into leak proof plastic cans, plastic totes or other proper containment devices. The containers of morts are transported to land based collection facilities by work vessels. Fish mortalities are taken to and disposed of at land based rendering plants and/or soil composting facilities.
3. Mortalities which exceed 5% of the total fish at the facility per week are to be reported to the **State Dept of Health (Environmental Division) Ph# (360) 236-3385**. A record of these contacts are kept by the Site Managers or other authorized personnel.
4. The above mort removal and disposal procedures will be the same for mortalities in excess of five (5%) percent of the total fish held on the facility during that period unless the volumes become significant (such as during algae blooms). In the case of large mortality events it may become necessary to find alternative methods of storage and the eventual disposal of the mortalities. Prior approval from the proper regulatory agencies of any emergency disposal methods must be obtained.
5. Disposable solid waste generated by the daily operation of the sites such as feed bags, pallets and household type wastes will be transported to a land based facility for proper disposal and/or recycling. Proper handling and storage of these waste materials will be maintained by the site personnel in order to ensure they do not enter the waters of the State.

ROUTINE VISUAL INSPECTIONS OF MOORING POINTS

1. The Site Managers and site personnel are to routinely inspect exposed mooring components for signs of excessive wear. Any defective components are to be replaced promptly.
2. Below water mooring components are to be inspected and/or replaced periodically in order to maintain them in the best condition practical.

OIL and HAZARDOUS MATERIAL SPILL PREVENTION AND RESPONSE PROCEDURES

Contact names and phone numbers of the facility management and the various State and Federal agencies will be posted in the employee break room or other highly visible location at the site. In the event of a spill of hazardous materials the following personnel and agencies are to be notified immediately.

Hazardous Chemical Spill Notification List

GENERAL MANAGER:	Hank Poeschl	(360) 298-0397
OFFICE: Anacortes	Kevin Bright	(360) 293-9448
SITE OFFICES: Bainbridge	Johnny Watters	(206) 743-6526
Port Angeles	Randy Hodgins	(360) 457-7437
Cypress Island	Shaughn Hollcroft	(360) 305-1520
Hope Island	Shaughn Hollcroft	(360) 305-1520

WASHINGTON DEPT. OF ECOLOGY	(425) 649-7000 (NW Regional Office 24 hr)
	(360) 407-6300 (SW Regional Office 24 hr)
WASHINGTON DEPT. OF FISH & WILDLIFE	(360) 902-2200 (Main Office)
	(360) 902-2681 (John Kerwin)
WASHINGTON DEPT. OF NATURAL RESOURCES	(360) 856-3500 (North Division)
	(360) 825-1631 (South Division)
UNITED STATES COAST GUARD	(800) 442-8802 (24 hr Spill Reporting Line)
NATURAL RESOURCES CORP Environmental Services	(800) 33-SPILL (800) 337-7455

Spill Prevention Plans

1. Where possible, chemicals and petroleum products will be stored on land in storage areas with appropriate safeguards.
2. All petroleum products and other hazardous materials necessary for the efficient day to day operation of the facility will be stored in durable, impervious containers which are clearly labeled as to their contents.
3. Petroleum products and other hazardous materials are stored in leak proof areas which have secondary containment.
4. Petroleum products and other hazardous materials will be handled and transferred from containers to equipment using transfer items designed for use of such materials, and in a manner which prevents any discharge to the waters. Experienced personnel will be used in the transfer of these materials.

Spill Prevention Plans (Continued)

These personnel will be knowledgeable in the **Spill Prevention and Response Procedures**, and are to know the location of containment booms and other absorbent materials for each facility.

5. Site Managers or other authorized employees will be responsible for the maintenance and periodic inspection of site specific spill prevention materials. Employees are to be familiar with the **Spill Prevention and Response Procedures**, and with the location of equipment designed for the containment and collection of spilled materials.

AMERICAN GOLD SEAFOODS **HAZARDOUS CHEMICAL STORAGE LIST** **(Updated April 2012)**

Description of materials used or stored at Site 1 (PERMIT No. WA-003156-9)

SITE 1

Enclosed diesel tank (1000 gal.)
Portable double walled diesel tanks (200 gal. each)
Diesel drums (2@ 55 gal.)
Gasoline drums (3@ 55 gal.)
Gasoline (in work boat fuel tanks)
Motor oil, gear oils (3 gal.)
Propane tanks (4 @ 23 gal.)
Antifreeze (approx. 10 gal.)
WD-40, and other rust preventers (spray cans)
Paint thinner (2 gal.)
Fiberglass resin (2 gal.)
Argentine iodine (20 gal.)
Batteries 12volt

All of the above materials are located inside a concrete float with a metal building on top. The diesel tanks listed are contained within the hull of a 40' x 100' concrete barge. The tank is made of steel and is encased in a concrete lined box which is part of the hull of the barge. The tank is mounted flush with the surface deck of the barge and has a fill spout protruding up and protected by a metal frame work around it. Oil absorbents are kept near the filling area and in the diesel generator room. Paints, solvents and other chemicals are contained inside a metal storage locker, which is also located in this building.

This site also contains a fuel storage area where most of the petroleum products are centralized. The fuel storage area measures approximately 39' x 14' and has a covered roof where these materials are kept out of the elements. The covered storage area is approximately 8' x 8' and has an aluminum secondary containment box of the same dimensions (64 cubic feet). The steel drums are kept inside of this box and under cover, one side of the shed is open to allow access and ventilation. The drums have mechanical type fuel pumps which are designed for the transfer of these substances to the smaller fuel tanks of the work boats and equipment. When the drums are emptied they are transported to town and replaced with full ones. Only experienced personnel are utilized in this process. Oil absorbent rags and oil absorbent booms are kept nearby as spill prevention. There are several No Smoking signs posted around this area.

Gasoline is contained in the various workboats which are based from this site. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks.

Description of materials used or stored at Site 2 (PERMIT No. WA-003157-7)

SITE 2

Diesel tank (220 gal.)
Diesel drums (2@ 55 gal.)
5 gallon plastic gas cans (several)

The other diesel tank listed is located on a specially designed barge. This barge measures approximately 32' x 16' and is made of steel. The diesel is contained in a 220 gallon capacity steel oil tank, which is subsequently contained within a secondary spill container of sufficient volume. Spill response materials are stored nearby. No significant amounts of other chemicals are stored at this site, however some of the chemicals stored on Site 1 may be used here on occasion.

Description of materials used or stored at Site 3 (PERMIT No. WA-003158-5)

SITE 3

Diesel double walled tanks (2@200 gal.)
Motor oil (5 gallons)

No significant amounts of other chemicals are stored at this site; however some of the chemicals stored at Site 1 may be used here on occasion. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks.

Description of materials used or stored at Site 4 (PERMIT No. WA-003159-3)

SITE 4

Gasoline drums (2@ 55 gal.)	Boat bottom paint (2 gal.)
Diesel cans (2@ 5 gal.)	Numerous Batteries 12volt type
Motor oil (12qts.)	Argentine iodine (2 gal.)
Propane tank (23 gal.)	Dry chlorine (2 gal.)
Water based paints (2 gal.)	WD-40 (spray cans)
Oil based paints (2 gal.)	Paint thinner (2 gal.)
Acetone (2 gal.)	

The gasoline drums listed are stored on a dock measuring approximately 35' x 15' and are covered by a shed roof. The two 55 gallon steel drums are stored within a secondary spill containment box made of aluminum and measuring approximately 24 cubic feet. The outboard oil drum is stored on the same dock and also has a secondary spill containment box made of aluminum and of sufficient volume. The drums are kept inside of the containment box and are transported to a local marina for refilling. The containment box with fuel drums are then lifted out by crane and placed onto the storage dock. All other chemicals are kept in a separate area of the same dock in a metal storage locker. Oil absorbent rags and a 100' oil absorbent boom are stored on the dock as spill prevention equipment.

Description of materials used or stored at Fort Ward (PERMIT No. WA-003153-4)

FORT WARD

Diesel double walled tank (2 @ 200 gal.)
3- 12 volt batteries
Gasoline (in work boat fuel tanks)

All other hazardous materials that may be used at this facility on occasion (ex., paints, solvents, disinfectants) are stored at the Fort Ward Pier. These materials are kept in metal lockers or other leak proof containers in the shop area. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks.

Description of materials used or stored at Clam Bay (PERMIT No. WA-003152-6)

CLAM BAY

Enclosed diesel tank (1000 gal.)
Diesel double walled tank (2 @ 200 gal.)
Lube oil (5gal.)
3- 12 volt batteries
Gasoline (in work boat fuel tanks)

All other hazardous materials that may be used at this facility on occasion (ex., paints, solvents, disinfectants) are stored at the Fort Ward Pier. These materials are kept in metal lockers or other leak proof containers in the shop area. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks. The diesel storage tank is located in a feed storage barge measuring approximately 45' X 100' in length. The barge is constructed of concrete and the steel fuel tank is located within this hull. The concrete is a secondary containment structure for the fuel tank. The tank is flush with the surface deck of the barge and has a fill spout protruding up and protected by a metal frame work. Oil absorbents are kept near the fill area.

Description of materials used or stored at Orchard Rocks (PERMIT No. WA-003154-2)

ORCHARD ROCKS

Diesel double walled tank (2 @ 200 gal.)
5- 12 volt batteries
Gasoline (in work boat fuel tanks)

All other hazardous materials that may be used at this facility on occasion (ex., paints, solvents, disinfectants) are stored at the Fort Ward Pier. These materials are kept in metal lockers or other leak proof containers in the shop area. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks.

Description of materials used or stored at Port Angeles (PERMIT No. WA-004089-4)

PORT ANGELES

Gasoline cans (6 @ 5 gal.)
Diesel cans (2 @ 5 gal.)
Diesel double walled tank (3 @ 200 gal.)
Motor oil (15 gal.)
Hydraulic oil (5 gal.)
Antifreeze (2 gal.)
Rust inhibitors (3-4 spray cans)
Gasoline (in work boat fuel tanks)

The 250 gallon diesel transfer tank is located within the hull of a work boat. No gasoline is stored at the site other than what is contained in the various workboat fuel tanks. These tanks are Coast Guard approved typical small craft fuel tanks.

AGS Spill Prevention and Response Procedures

(Updated April 2012)

KEEP POSTED IN EMPLOYEE BREAK ROOM

1. In the event of an accidental spill, the on site personnel will take immediate actions to limit and prevent the discharge from spreading to the waters of the State. After the on site personnel have taken actions to limit the discharge of hazardous materials, they are to immediately contact the agencies and office personnel listed on the **Hazardous Chemical Spill Notification List**.
2. Containment and collection materials such as oil absorbent pads, booms, etc., will be utilized in the event of an accidental discharge of petroleum or other hazardous chemical.
3. The containment and collection materials will be kept at the net pen facilities and/or nearby the net pen facility in fuel storage areas. All site personnel are to be knowledgeable of the locations and intended usage of these spill containment materials.
4. Cleanup and response efforts take immediate precedence over normal work.
5. Used cleanup materials and materials collected from the spill will be disposed of at a land based facility designed for the safe handling of hazardous materials.

Any fuel or oil spill entering the waters is to be reported immediately to:
United States Coast Guard 24 Hour Spill Reporting Line (1-800-442-8802)

Washington Dept. of Ecology (425) 649-7000 or (360) 407-6300

Hazardous Chemical Spill Notification List

AGS-GENERAL MANAGER	Hank Poeschl	(360) 298-0397 or (360) 797-0812
ANACORTES OFFICE:		(360) 293-9448 or (360) 391-2409 (Kevin Bright)
SITE OFFICES:	Bainbridge	(206) 743-6526 (Johnny Watters)
	Port Angeles	(360) 457-7437 (Randy Hodgin)
	Cypress Island	(360) 305-1520 (Shaughn Hollcroft)
	Hope Island	(360) 305-1520 (Shaughn Hollcroft)
WASHINGTON DEPT. OF ECOLOGY		(425) 649-7000 (NW Regional Office 24 hr) (360) 407-6300 (SW Regional Office 24 hr)
WASHINGTON DEPT. OF FISH & WILDLIFE		(360) 902-2200 (Main) (360) 902-2681 (John Kerwin)
WASHINGTON DEPT. OF NATURAL RESOURCES		(360) 856-3500 (North Division) (360) 825-1631 (South Division)
UNITED STATES COAST GUARD		(800) 442-8802 (24 hr Spill Reporting Line)
NATURAL RESOURCES CORP Environmental Services		(800) 337-7455 (Oil Cleanup Contractor)



United States
Environmental Protection
Agency

Office of
Enforcement
Washington, D.C 20460

EPA Form 3510-1
Ecology Form #ECY 070-429
Ecology Revision 10/2011

Permits Division

Application Form 1 – General Information

Consolidated Permits Program

This form must be completed by all persons applying for a permit under EPA's Consolidated Permits Program. See the general instructions to Form 1 to determine which other application forms you will need.

Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

FORM 1 GENERAL	 U.S. ENVIRONMENTAL PROTECTION AGENCY/ECOTOLOGY GENERAL INFORMATION <i>Consolidated Permits Program</i> (Read the "General Instructions" before starting.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">1. Current permit I.D.</td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td colspan="2" style="text-align: center;">WA-003157-7</td> <td></td> <td style="text-align: center;">D</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> </tr> </table>	1. Current permit I.D.		T/A	C	WA-003157-7			D			14	15			
1. Current permit I.D.		T/A	C														
WA-003157-7			D														
		14	15														
II. POLLUTANT CHARACTERISTICS																	
INSTRUCTIONS: Complete A through J to determine whether you need to submit a NPDES permit application forms to Ecology. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms .																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2"></th> <th colspan="3">MARK "X"</th> <th rowspan="2"></th> <th colspan="3">MARK "X"</th> </tr> <tr> <th>YES</th> <th>NO</th> <th>FORM ATTACHED</th> <th>YES</th> <th>NO</th> <th>FORM ATTACHED</th> </tr> </table>					MARK "X"				MARK "X"			YES	NO	FORM ATTACHED	YES	NO	FORM ATTACHED
	MARK "X"					MARK "X"											
	YES	NO	FORM ATTACHED	YES		NO	FORM ATTACHED										
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	<input type="checkbox"/>	X	<input type="checkbox"/>	B. Does or will this facility (<i>either existing or proposed</i>) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	X	<input type="checkbox"/>	<input type="checkbox"/>										
C. Is this facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	<input type="checkbox"/>	X	<input type="checkbox"/>	D. Is this proposal facility (<i>other than those described in A or B above</i>) which will result in a discharge to waters of the U.S.? (FORM 2D)	<input type="checkbox"/>	X	<input type="checkbox"/>										
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	<input type="checkbox"/>	X	<input type="checkbox"/>	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	<input type="checkbox"/>	X	<input type="checkbox"/>										
G. Do you or will you inject at this facility any produced water other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	<input type="checkbox"/>	X	<input type="checkbox"/>	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	<input type="checkbox"/>	X	<input type="checkbox"/>										
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	<input type="checkbox"/>	X	<input type="checkbox"/>	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	<input type="checkbox"/>	X	<input type="checkbox"/>										
III. NAME OF FACILITY																	
C	Site 2 - Deepwater Bay																
1																	
IV. FACILITY CONTACT																	
A. NAME & TITLE (<i>last, first, & title</i>)				B. PHONE (<i>area code & no.</i>)													
C	Bright, Kevin - Permit Coordinator			360	293	9448											
2																	
V. FACILITY MAILING ADDRESS																	
A. STREET OR P.O. BOX																	
C	PO Box 669																
3																	
B. CITY OR TOWN				C. STATE	D. ZIP CODE												
C	Anacortes			WA	98221												
4																	
VI. FACILITY LOCATION																	
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER																	
C	Deepwater Bay, adjacent to Cypress Island, WA																
5																	
B. COUNTY NAME																	
Skagit																	
C. CITY OR TOWN				D. STATE	E. ZIP CODE	F. COUNTY CODE											
C	Near Anacortes			WA	98221												
6																	
D. LATITUDE/LONGITUDE (NAD 83 DATUM)																	
7	LATITUDE AS DECIMAL DEGREES- N48.33'25.6"																
	LONGITUDE AS DECIMAL DEGREES - W122.41'05"																

CONTINUED FROM THE FRONT

VII. SIC, NAICS CODES (in order of priority) **AND UBI NUMBER** Place additional on an attachment.

SIC FIRST				SIC. SECOND			
C 7	0273	(specify) Animal Aquaculture	7 7	(specify)			
EQUIVALENT NAICS FIRST				EQUIVALENT NAICS SECOND			
C 7		(specify)	7 7	(specify)			

UBI NUMBER 602-825-648

VIII. OPERATOR INFORMATION

A. NAME						B. Is the name listed in Item VIII-A also the owner? X YES <input type="checkbox"/> NO	
C 8	Icicle Acquisition Subsidiary, LLC Db a American Gold Seafoods						
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify.)						D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	P	(specify)	C A	360	293	9448

E. STREET OR PO BOX

PO Box 669

F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND	
C B	Anacortes	WA	98221	Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
C 9	T N	I 7	WA-003157-7	C 9	T P	8	
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
C 9	T U	I 7		C 9	T 7	8	(Specify)
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
C 9	T R	I 7		C 9	T 7	8	(Specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Existing floating aquaculture net pen operation, anchored to the sea floor. The facility is used for the purpose of culture marine finfish for seafood production. Specifically, the commercial rearing and harvest of farmed salmon.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
John Woodruff, V.P. of Operations		4/17/12

To ask about the availability of this document in a version for the visually impaired, call the Water Quality Program at 360-407-6600. Persons with hearing loss, call 711 for Washington Relay Service. Persons with a speech disability, call 877-833-6341.

**S.R.A. Data: Section 4, Township 35 North, Range 1 East, W.M.
Section 33, Township 36 North, Range 1 East, W.M.**

**SINCE
1976**

30 YEARS OF SERVICE

West. Grid Sgn. North Zone (NAD83 1991)

Cypress Island

site 2

Bellingham Channel

Guemes Island

Legal Descriptions

Parcel 1

That portion of the beds of Deepwater Bay fronting Government Lots 5 and 6, Section 4, Township 35 North, Range 1 East, in Skagit County, Washington, described as follows: Beginning at the north quarter corner of said section, which bears North 88°34'57" East, 2,559.26 feet from the northwest corner of said section; thence South 47°50'05" East 1,295.67 feet to the True Point of Beginning; thence South 17°30'40" West 760.79 feet to a point which bears North 5°36'03" West, 17,612.38 feet from Washington State Department of Transportation GPS control point designated "Tracie"; thence South 72°29'20" East 1,050.05 feet; thence North 17°30'40" East 760.79 feet; thence North 72°29'20" West 1,050.05 feet to the True Point of Beginning. Containing 18.34 acres, more or less.

Parcel 2

That portion of the beds of Deepwater Bay fronting Government Lot 1, Section 4, Township 35 North, Range 1 East and Government Lot 2, Section 33, Township 36 North, Range 1 East, in Skagit County, Washington, described as follows: Beginning at the quarter corner common to said sections, which bears North 88°34'57" East, 2,559.26 feet from the west section corner common to said sections; thence South 75°39'21" East 617.50 feet to the True Point of Beginning; thence South 29°01'25" East 831.71 feet to a point which bears North 4°32'25" West, 18,300.76 feet from Washington State Department of Transportation GPS control point designated "Tracie"; thence North 60°58'35" East 880.72 feet; thence North 29°01'25" West 915.98 feet; thence South 60°58'35" West 186.46 feet; thence South 54°03'21" West 699.36 feet to the True Point of Beginning. Containing 17.85 acres, more or less.

Parcel 3

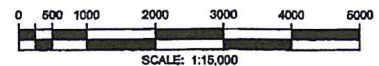
That portion of the beds of Deepwater Bay fronting Government Lots 1 and 2, Section 33, Township 36 North, Range 1 East, in Skagit County, Washington, described as follows: Beginning at the south quarter corner of said section, which bears North 88°34'57" East, 2,559.26 feet from the northwest corner of said section; thence North 63°18'27" East 1,801.84 feet to the True Point of Beginning; thence North 50°13'52" East 1,322.13 feet; thence South 37°44'53" East 780.92 feet; thence South 52°15'07" West 1,321.31 feet to a point which bears North 1°09'27" West from Washington State Department of Transportation GPS control point designated "Tracie"; thence North 37°44'53" West 734.30 feet to the True Point of Beginning. Containing 22.98 acres, more or less.

Legend

- Public agency GPS station of record as noted
- Buoy
- Fish pens as of this survey

Notes

For additional information on upland section monuments depicted hereon, see Volume 1, Page 13 and Volume 18, Pages 191-193 of Surveys and Volume 3 of Short Plats, Page 83. Tide level data relative to NAVD88 hereon are per the mean of U.S. Army Corps of Engineers values for Sinclair Island, Ship Harbor and Strawberry Bay, published at the time of this survey. They are based on insufficient durations of observations to be of great accuracy.



Grid N: 554588.39
Grid E: 1193234.44
Latitude: 48°30'20.345"
Longitude: -122°40'41.331"
Scale Factor: 0.99996514
Theta: -1°22'24.806"

WSDOT "GP29020-15A" @
WSDOT "TRACIE" @

Fidalgo

American Gold Seafoods, LLC
Aquatic Lease No. 20-A12517

Drawn By: BAM Date: March 9, 2007 Job No. 6093
Checked By: BAM Scale: 1:15,000 Sheet 2 of 2



Date: 3/21/2007



MACLEARNSBERRY, Inc.
Land Surveyors • Civil Engineers • Planners
159 Wyatt Way NE Bainbridge Island, WA 98110
phone: (206) 842-5514 facsimile: (206) 780-2408

S.R.A. Data: Section 4, Township 35 North, Range 1 East, W.M. Gov't. Lot 1
Section 33, Township 36 North, Range 1 East, W.M. Gov't. Lot 1

SINCE 1976

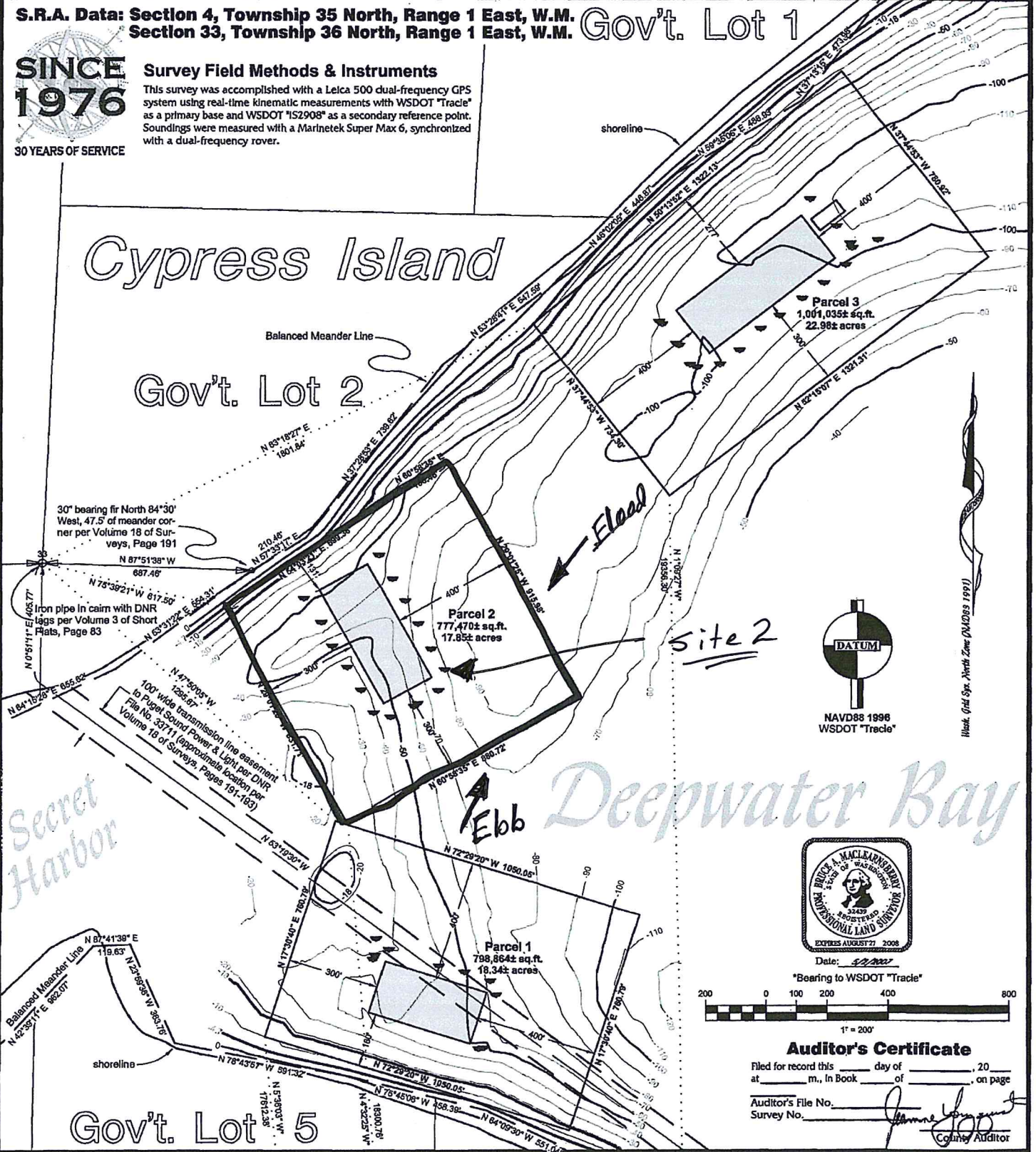
30 YEARS OF SERVICE

Survey Field Methods & Instruments

This survey was accomplished with a Leica 500 dual-frequency GPS system using real-time kinematic measurements with WSDOT "Tracie" as a primary base and WSDOT "152908" as a secondary reference point. Soundings were measured with a Marinetek Super Max 6, synchronized with a dual-frequency rover.

Cypress Island

Gov't. Lot 2



American Gold Seafoods, LLC
Aquatic Lease No. 20-A12517

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of: American Gold Seafoods, LLC in November, 2006



MACLEARNBERRY, Inc.
Land Surveyors • Civil Engineers • Planners
159 Wyatt Way NE Bainbridge Island, WA 98110
phone: (206) 842-5514 facsimile: (206) 780-2408

Drawn By: BAM	Date: May 2, 2007	Job No. 6093
Checked By: BAM	Scale: 1" = 200'	Sheet 1 of 2

FORM 2B NPDES

See the instructions on the reverse.
Please print or type in the unshaded areas.

EPA ID Number (copy from item I of Form 1)

WA-003157-7

Form Approved.

OMB No. 2040-0086

Approval expires 7-31-88

Form
2B
NPDES



United States Environmental Protection Agency
Application for Permit to Discharge Wastewater
Concentrated animal feeding operations and aquatic animal production facilities
Consolidated Permits Program

I. GENERAL INFORMATION

A. TYPE OF BUSINESS	B. LEGAL DESCRIPTION OF FACILITY LOCATION	C. FACILITY OPERATION STATUS
CONCENTRATED ANIMAL FEEDING <input type="checkbox"/> 1. OPERATION (complete items B, C, and Section II) CONCENTRATED QUATIC ANIMAL <input checked="" type="checkbox"/> 2. PRODUCTION FACILITY (complete items B, C, and Section III)	Section 4, Township 35 North, Range 1 East; Bellingham Channel near Cypress Island, in Skagit County, WA; approximate coordinates are Lat. 48 33' 25.6" N and Long. 122 41' 05" W. SITE-2	<input checked="" type="checkbox"/> 1. EXISTING FACILITY <input type="checkbox"/> 2. PROPOSED FACILITY

II. CONCENTRATED ANIMAL FEEDING OPERATION CHARACTERISTICS

A. TYPE & NUMBER OF ANIMALS IN OPEN CONFINEMENT & HOUSEHOLD UNDER ROOF			B. NO. OF ACRES FOR CONFINEMENT FEEDING
1. TYPE	2. NO. IN OPEN CONFINEMENT	3. NO. HOUSED UNDER ROOF	
			C. If there is open confinement, has a runoff diversion and control system been constructed? <input type="checkbox"/> YES (complete items 1, 2, & 3 below) <input type="checkbox"/> NO (go to Section IV)

1. What is the design basis for the control system?

a. 10 YEAR <input type="checkbox"/> 24-HOUR STOMR (specify inches)	INCHES	b. 25 YEAR <input type="checkbox"/> 24-HOUR STOMR (specify inches)	INCHES	c. OTHER (specify inches & type)	INCHES	TYPE

2. Report the number of acres of contributing drainage.

ACRES

3. Report the design safety factor.

SAFETY FACTOR

III. CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY CHARACTERISTICS

A. For each outfall give the maximum daily flow, maximum 30 day flow, and the long term average flow.				B. Indicate the total number of ponds, raceways, and similar structures in your facility.		
1. OUTFALL NO.	2. FLOW (gallons per day)			1. PONDS	2. RACEWAYS	3. OTHER
	a. MAXIMUM DAILY	b. MAXIMUM 30 DAY	c. LONG TERM AVERAGE			
None	Not applicable	Not applicable	Not applicable	None	None	Marine Net Pen
C. Provide the name of the receiving water and the source of water used by your facility.						
1. RECEIVING WATER WA-PS-0010 Deepwater Bay				2. WATER SOURCE Bellingham Channel		

D. List the species of fish or aquatic animals held and fed at your facility. For each species, give the total weight produced by your facility per year in pounds of harvestable weight, and also give the maximum weight present at any one time.

1. COLD WATER SPECIES			2. WARM WATER SPECIES		
a. SPECIES	b. HARVESTABLE WEIGHT (pounds)		a. SPECIES	b. HARVESTABLE WEIGHT (pounds)	
	(1) TOTAL YEARLY	(2) MAXIMUM		(1) TOTAL YEARLY	(2) MAXIMUM
Atlantic Salmon - <i>Salmo salar</i>	2,500,000	3,000,000			

E. Report the total pounds of food fed during the calendar month of maximum feeding.

1. MONTH
May

2. POUNDS OF FOOD
340,000

IV. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (print or type)
John Woodruff, V.P. of Operations

B. PHONE NO. (area code & no.)
(206) 282-0988

C. SIGNATURE

C. DATE SIGNED

4/17/12

INSTRUCTIONS

General

This form must be completed by all applicants who check "yes" to Item II-B in Form 1. Not all animal feeding operations or fish farms are required to obtain NPDES permits. Exclusions are based on size and occurrence of discharge. See the description of these statutory and regulatory exclusions in the General Instructions which accompany Form 1. In particular, for animal feeding operations, the size cutoffs depend on whether or not pollutants are discharged through a manmade device or by direct contact with the facility or animals. A facility for laying hens or broilers is not required to have a permit unless it has a liquid manure handling system or continuous overflow watering. Also, facilities which discharge only in the case of a 25 year, 24 hour storm event are not required to have a permit.

For aquatic animal production facilities, the size cutoffs are based on whether the species are warm water or cold water, on the production weight per year in harvestable pounds, and on the amount of feeding in pounds of food (*for cold water species*). Also, facilities which discharge less than 30 days per year, or only during periods of excess runoff (*for warm water fish*) are not required to have a permit.

Refer to the Form 1 instructions to determine where to file this form.

Item 1-A

See the note above and the General Instructions which accompany Form 1 to be sure that your facility is "concentrated."

Item I-B

If your answer to Item VI of Form 1 does not give a complete legal description of your facility's location, use this space to provide a complete description, such as quarter, section, township, and range.

Item I-C

Check "proposed" if your facility is not now in operation, or not now "concentrated" under the definition in the glossary found in the General Instructions which accompany Form 1.

Item II

Supply all information in Item II if you checked (1) in Item I-A.

Item II-A

Give the maximum number of each type of animal in open confinement or housed under roof (*either partially or totally*) which are held at your facility for a total of 45 days or more in any 12 month period.

Use the following categories for types of animal:

Slaughter Cattle; Feeder Cattle; Mature Dairy Cattle (*milked or dry*); Swine (*each weighing over 55 pounds*); Horses; Sheep; Lambs; Turkeys; Laying Hens¹; Broilers¹; Ducks

¹A permit is not required unless the facility has a liquid manure handling system or continuous overflow watering.

Item II-B

Give only the area used for the animal confinement or feeding facility. Do not include any area used for growing or operating feed.

Item II-C

Check "yes" if any system for collection of runoff has been constructed. Supply the information under (1), (2), and (3) to the best of your knowledge.

Item III

Supply all information in Item III if you checked (2) in Item I-A.

Item III-A

Outfalls should be numbered to correspond with the map submitted in Item XI of Form 1. Values given for flow should be representative of your normal operation. The maximum daily flow is the maximum measured flow occurring over a calendar day. The maximum 30 day flow is the average of measured daily flows over the calendar month of highest flow. The long term average flow is the average of measured daily flows over a calendar year.

Item III-B

Give the total number of discrete ponds or raceways in your facility. Under "other," give a descriptive name of any structure which is not a pond or a raceway but which results in discharge to waters of the United States.

Item III-C

Use names for the receiving water and source of water which correspond to the map submitted in Item XI of Form 1.

Item III-D

The names of fish species should be proper, common, or scientific names as given in special Publication No. 6 of the American Fisheries Society, "A List of Common and Scientific Names of Fishes from the United States and Canada." The values given for total weight produced by your facility per year and the maximum weight present at any one time should be representative of your normal operation.

Item III-E

The value given for maximum monthly pounds of food should be representative of your normal operation.

Item IV

The Clean Water Act provides severe penalties for submitting false information on this application form.

Section 309(c)(2) of the Clean Water Act provides that "Any person who knowingly makes any false statement, representation, or certification in any application . . . shall upon conviction, be punished by a fine of no more than \$10,000 or by imprisonment for not more than six months, or both."

Federal regulations require the certification to be signed as follows:

- A. For corporation, by a principal executive officer or at least the level of vice president;
- B. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- C. For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.