

For Offi	ce Use Onl	y	
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.

	SE	ECTION A. GENERAL INFO	RMATION					
1.	Facility Name:	Site 2-Deepwater Bay						
2.	Operator Name and	Mailing Address:						
	Cooke Aquaculture							
	P.O. Box 79003 Street							
	Seattle	WA	98119					
	City	State	Zip					
3.	Facility Location:	Bellingham Channel, Deepwat	er Bay near Cypress Island					
	Approximate coordi	nates Lat. 48 degrees 33' 25.6" N						
Enclo nap) a	Note: Provide a brief descript	ion of the location of the facility; name of the wa	terbody, nearest town or city, and Latitude/Longitud arks (Minimum Scale 1" = 1000' or USGS 7.5 minu					
١.	Owner Name and M	ailing Address (If different from	the operator):					
	Same as above	Owner Name and Mailing Address (If different from the operator): Same as above						
	Name							
	Street							
	City	State	Zip					
	Primary Contact Person:							
š.	Primary Contact Per		Δφ					
š.	Innes Weir	son:						
5.			(206) 402-2247 Phone Number					
	Innes Weir	son: General Manager Title	(206) 402-2247					
5. 5.	Innes Weir	son: General Manager Title	(206) 402-2247					

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.

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.

Printed Name of Person Signing

Title

Date Applicant Signed

Signature of Applicant

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 Chan	ne					
1.2	County: Ska	ıgit					
1.3	Latitude:	5" N					
1.4	Longitude:	" 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:						
2.4	Note the Final SEPA action taken: DNS [x] Mitigated DNS Date: 06/07/96 Attach copy of the Final SEPA determination, checklist and EIS. Existing permitted facility.						
2.5	Has a shoreline permit been issued for this project? [x] yes [] no						
	If yes , what is the permit number? <u>590143434</u> Date of permit? <u>04/24/</u>	<u>/84</u>					
	Shoreline permit issuing agency: Skagit County Planning and Development Services						
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						

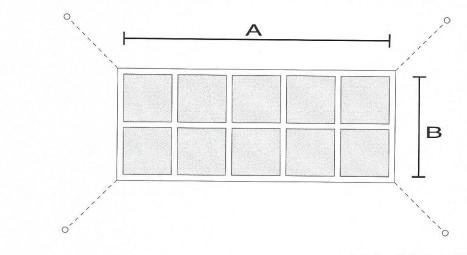
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2.8 Has a Department of Fish and Wildlife Hydraulic Project Approval been applied for or secured?

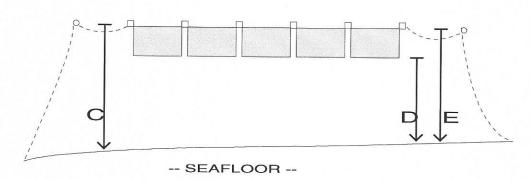
yes [x] no [] N/A []

If yes, provide the following: HPA number <u>B1-009380-02</u> Expiration date <u>N/A</u>

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:
В	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:
D	Minimum distance between bottom of net-pens and sea/lake floor at MLLW in feet:15'
E	Minimum depth at site (at MLLW for marine) in feet:
Ecolo	ogy 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.

F	Distance to nearest sho	oreline (at MLLW	for marine)	in feet:	410'
G	Direction of dominant	current from the	net-pen(s):		South
Η	Estimated mean current bottom of the net-pen	t speed (midway and the sea/lake f	between the loor in cm/se	ec):	25
Ι	Maximum current speet the net-pen and the sea	ed (midway betwe a/lake floor in cm	en the bottor /sec):	n of	35
3.	OPERATION				
 3. 3. 	T -				
	calendar year of maxim	num production o	ver the next f	ive years.	sion for the
	lbs. fish	lbs. food	lbs.	fish	lbs. food
	January 1,800,000 February 1,800,000 March 2,000,000 April 2,400,000 May 2,600,000 June 2,800,000	260,000 260,000 280,000 320,000 340,000 380,000	July August September October November December	2,800,000 3,100,000 2,600,000 1,600,000 1,400,000 1,000,000	380,000 450,000 340,000 240,000 220,000 200,000
3.3		of annual fish prod	duction:	3,100,00	0
3.4	4 Month of maximum fee	eding:		<u>Augus</u>	<u>st</u>
3.5	Maximum monthly feed	d (lbs):		<u>450,00</u>	<u>)00</u>
3.6	Method of feeding (che method:	ck all that apply)	and estimate	percent of food fe	ed using that
	Hand Percent	Automatic (timed)	100% 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
	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).

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.

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

	FORM Q.EDA U.S			NTAL PROTE					1. Cu	rrent per	mit I.I). <u> </u>		
	DEPARTMENT OF			RAL INF lidated Pe						WA-0031	<i>57-7</i>		T/A	D
GI	ENERAL ECOLOGY State of Washington (Rea			iluateu Pe Ieral Instrui				ting.)					14	15
II. F	POLLUTANT CHARACTERISTICS													
anv	RUCTIONS: Complete A through J to deter questions, you must submit this form and the	e sunr	lemen	tal trom lister	n in	the narenth	nacie fr	Mowing	the aug	ction Mark	"Y" in th	on how	in the	third
activ	ity is excluded from permit requirements; se	ou ansv ee Sect	ver "no tion C	" to each que of the instru	estion	n, you need s. See also	d not su o, Sect	ıbmit an ion D o	y of thes f the inst	e forms. Your ructions for	u may a definition	answer	"no" if v bold-fa	your iced
term	IS.		MAR		<u> </u>						1	MARI		
		YES	NO	FORM ATTACHED							YES	NO	FOR	
A.	s this facility a publicly owned treatment works which results in a discharge to waters of the	П	Х		В.	Does or					х	П	Г	1
	J.S.? (FORM 2A)		^			feeding	operati	on or	aquat	ed animal c animal	^		_	J
						to waters o	of the U.	s.? (FO	RM 2B)	discharge				
C. I	s this facility which currently results in lischarges to waters of the U.S. other than		X		D.	Is this prop	osal faci	lity (othe	er than tho	se described		Х		
t	hose described in A or B above? (FORM 2C)		0.000			to waters o	of the U.	S.? (FO	RM 2D)	discharge				
8	Does this facility operate a cooling water intake tructure? (FORM 2C Supplemental)	Ш	X											
E. [Does or will this facility treat, store, or dispose of				F.	Do you or y	will you i	niect at t	thie facility	industrial or				
ı	azardous wastes? (FORM'3)	Ш	X			municipal of	effluent	below th	he lowern	ost stratum of the well	Ш	X	L]
										king water?				
G. [Do you or will you inject at this facility any				Н.	Do you or v	will you i	nject at tl	his facility	fluids for				
t	produced water other fluids which are brought to the surface in connection with conventional oil or		X			special prod Frasch prod	cesses s cess, so	such as n lution mir	nining of s ning of mir	ulfer by the erals, in		X]
£	atural gas production, inject fluids used for inhanced recovery of oil or natural gas, or inject uids for storage of liquid hydrocarbons?					situ combus geothermal	stion of t energy	ossil fue? (FORM	I, or recovi I 4)	ery of				
	FORM 4)													
l. l	s this facility a proposed stationary source which is one of the 28 industrial categories listed		х	П	J.	Is this fac	cility a	proposed	d station	ary source I categories	П	v		1
	the instructions and which will potentially emit 00 tons per year of any air pollutant regulated	П	^			listed in the	e instruc	tions and	d which wi	I potentially ir pollutant	Ш	X		1
L	nder the Clean Air Act and may affect or be ocated in an attainment area? (FORM 5)					regulated u	inder the	e Clean /	Air Act and	may affect				
III. I	NAME OF FACILITY													
C 1	Site 2-Deepwater Bay Net	Pen :	Site											
IV.	FACILITY CONTACT											HE A		
С	A. NAME & TITLE (las Bright, Kevin- Permit Coordinate		& title)				200	B. PHC	3	a code & no				
2 2	B. EMAIL ADDI						360	D	391		109	<u> </u>		
		1LOO					C	. Does i		/ have or ca nternet acce		un broa	idband	
2 2	Kevin.Bright@CookeAqua.com						X Ye	S	☐ No					
V. F	ACILITY MAILING ADDRESS	0.50												
С	A. STREET OR P PO Box 79003	.O. BO	X											
3	B. CITY OR TOWN				C. 5	STATE	D. 7	IP COD	F					
C 4	Seattle				W		981		_					
VI. I	FACILITY LOCATION	200												
С	A. STREET, ROUTE NO. OR OTHE	R SPE	CIFIC	IDENTIFIER										
5	Deepwater Bay adjacent to Cypr	ess Is	sland	WA										
	B, COUNTY NAME		<i>neme</i>	, , , ,										
Ska														
С	C. CITY OR TOWN				Т	D. STATE	=	E. ZIF	CODE	F. COUN	TY COL	E		
6	Anacortes		Charles in 1921			WA		9822	21					
7	D. LATITUDE/LONGITUDE (NAI LATITUDE AS DECIMAL DEGREES- N48.	0 83 D <i>i</i> 55751	ATUM)											
			F15											
	LONGITUDE AS DECIMAL DEGREES – W	122.68	519											
										umanan estamatika da (1817)		100 m		and the same

	ROM THE FRONT						
VII. SIC, NAI	CS CODES (in order of priority) MBER Place additional on an						
attachment.	MDEIT Flace additional on an						
	SIC FIRST				SIC, SECO	MD	
C 0273	(specify)	7		(specify)	SIC, SECO	MD	
7 02/0	Animal Aquaculture	7		(
	EQUIVALENT NAICS FIRST			EQUIV	ALENT NAIC	S SECOND	
<u>C</u> 7	(specify)	7		(specify)			
	2.000/00#20/0						
	R 602-825-648						
VIII. OPERA	FOR INFORMATION						
C Cooke		IAME					ame listed in Ite
8 Cooke	Aquaculture Pacific, LLC						Iso the owner?
C. STATUS OF	OPERATOR (Enter the appropriate letter in	to the answer how	r if "Other " en	ogifu \	ם חווכ	X YES	
F = FEDERAL	M = PUBLIC (other than federal or state)	P (specify		C C	360	ONE (area code	Essential I
S = STATE	O = OTHER (specify)	(0,000)	,	A	300	391	2409
P = PRIVATE	E OTDEET OF SO POLY						
PO Box 7900	E. STREET OR PO BOX						
FU BUX 7900	F. CITY OR TOWN	O OTATE	11.700	ODE TOTAL			
C Seattle	P. CITT ON TOWN	G. STATE	H. ZIP C	174. 11	IDIAN LA		
Seattle		WA	98119			ed on Indian lan	ds?
Y EVISTING	ENVIRONMENTAL PERMITS			V.	_ YES	X NO	
	ES (Discharges to Surface Water)	D BCD Wa		B 10			
	WA-003157-7	C T 8	Emissions tro	m Proposed Sc	urces)		
9 N		9 P					
	(Underground Injection of Fluids		E. OTHER (specify)		(Specify)	
9 U		C T 8					
	RCRA (Hazardous Wastes)	9 1 1	E. OTHER ('angaifu)		(Cnasify)	
CTI	The transfer of the transfer o	C T 8	L. OTTEN	specily)		(Specify)	
9 R		9					
XI. MAP							
Attach to this	application a topographic map of the	area extending t	to at least on	e mile beyon	d property b	oundaries. T	he map must
show the ou	tline of the facility, the location of ea	ch of its existing	ng and prop	osed intake	and discha	rge structures	s, each of its
nazardous w	aste treatment, storage, or disposal fa	icilities, and eac	ch well wher	e it injects flu	ids undergi	round. Includ	le all springs,
VII MATURE	ner surface water bodies in the map are	ea. See instruct	tions for pred	ise requireme	ents.		Management Control
AII. NATURE	OF BUSINESS (provide a brief de	scription)					
Existing float	ting marine net pen aquaculture	facility cultiva	ating marir	ne finfish sp	ecies for	the purpos	es of
producing se	eafood to the U.S. seafood marke	tplace.					
		22M II					
(III. CERTIFIC	CATION (see instructions)						A CONTRACTOR OF THE PARTY OF TH
I certify under	r penalty of law that I have personally	avamined and a	m familiar	ith the infe	71: A	(0 - al) - (1)	7. 1
all attachmen	r penalty of law that I have personally its and that, based on my inquiry of the	examined and a	uu tamillar w	uun the Inform	ation submi	nted in this ap	plication and
the application	on, I believe that the information is tru	e accurate and	neulately res	Lam awara	but there	ie information	contained in
submitting fall	se information, including the possibility	of fine and imp	ricomplete.	i aiii aware t	nat there a	re significant	penaities for
NAME & OFFIC	CIAL TITLE (type or print)	B. SIGNATURE	nsorment.			C. DATE S	IGNED
Rodney.	1) (mar (a)	J. OIGHATONE		-1	/	1000 0	
Chieff 1	roal officer	/		1		March o	28, 2017
		/	,	X			

To ask about the availability of this document in a version for the visually impaired, call the Water Quality Program at 360-407-6600, Relay Service 711, or TTY 877-833-6341.

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

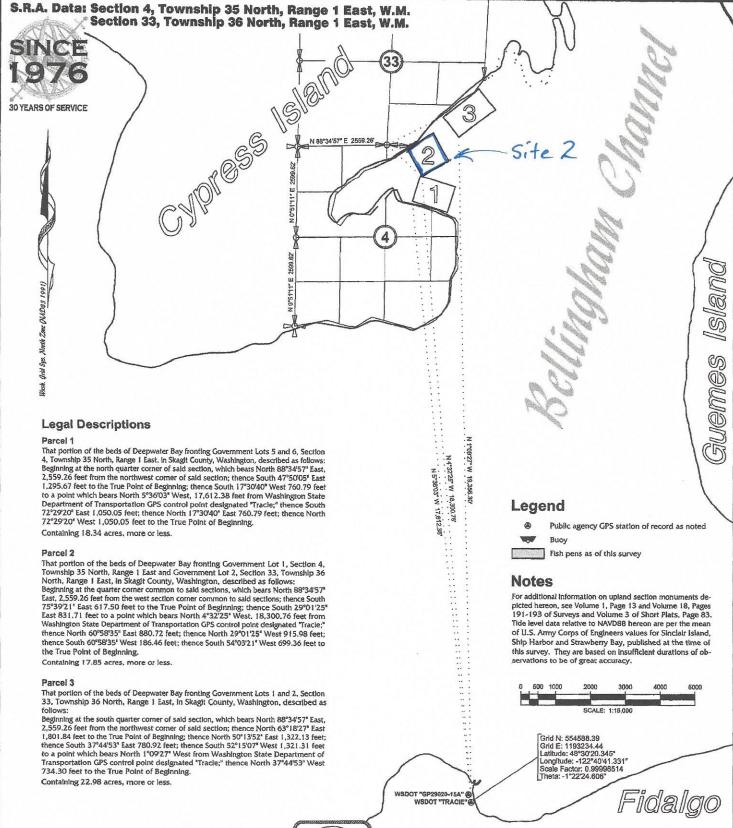
Form

GEPA

United States Environmental Protection Agency

Application for Permit to Discharge Wastewater Concentrated animal feeding operations and aquatic animal production facilities

NPDES Consolidated Permits Program I. GENERAL INFORMATION A. TYPE OF BUSINESS B. LEGAL DESCRIPTION OF FACILITY LOCATION C. FACILITY OPERATION STATUS CONCENTRATED ANIMAL FEEDING Section 4, Township 35 North, Range 1 East; 1. OPERATION (complete items B, C, and Bellingham Channel near Cypress Island, in ☑ 1. EXISTING FACILITY Section II) Skagit County, WA; approximate CONCENTRATED QUATIC ANIMAL coordinates are Lat. 48 33' 25.6" N and 2. PROPOSED FACILITY 2. PRODUCTION FACILITY (complete items Long. 122 41' 05" W. SITE-2 B, C, and Section III) II. CONCENTRATED ANIMAL FEEDING OPERATION CHARACTERISTICS A. TYPE & NUMBER OF ANIMALS IN OPEN CONFINEMENT & HOUSEHOLD UNDER ROOF B. NO. OF ACRES FOR 1. TYPE 2. NO. IN OPEN CONFINEMENT 3. NO. HOUSED UNDER ROOF CONFINEMENT FEEDING C. If there is open confinement, has a runoff diversion and control system been constructed? YES (complete items 1, 2, & 3 below) ☐ NO (go to Section IV) 1. What is the design basis for the control system? a. 10 YEAR **INCHES** b. 25 YEAR **INCHES** c. OTHER INCHES TYPE ☐ 24-HOUR STOMR ☐ 24-HOUR STOMR (specify inches (specify inches) (specify inches) & type)) 2. Report the number of acres of contributing **ACRES** 3. Report the design safety factor. SAFETY FACTOR drainage. III. CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY CHARACTERISTICS For each outfall give the maximum daily flow, maximum 30 day flow, Indicate the total number of ponds, raceways, and similar and the long term average flow. structures in your facility. 1. OUTFALL 2. FLOW (gallons per day) 1. PONDS 2. RACEWAYS 3. OTHER a. MAXIMUM NO. b. MAXIMUM c. LONG TERM None None Marine Net Pen DAILY 30 DAY **AVERAGE** None Not C. Provide the name of the receiving water and the source of water Not Not used by your facility. applicable applicable applicable 1. RECEIVING WATER 2. WATER SOURCE WA-PS-0010 Deepwater Bellingham Channel 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 b. HARVESTABLE WEIGHT (pounds) a. SPECIES b. HARVESTABLE WEIGHT (pounds) a. SPECIES (1) TOTAL YEARLY (2) MAXIMUM (2) MAXIMUM Atlantic Salmon -3,100,000 3.100.000 Salmo salar Report the total pounds of food fed during the calendar month of 1. MONTH 2. POUNDS OF FOOD maximum feeding. August 450,000 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) B. PHONE NO. (area code & no.) odnell C. SIGNATURE C. DATE SIGNED



American Gold Seafoods, LLC

Aquatic Lease No. 20-A12517

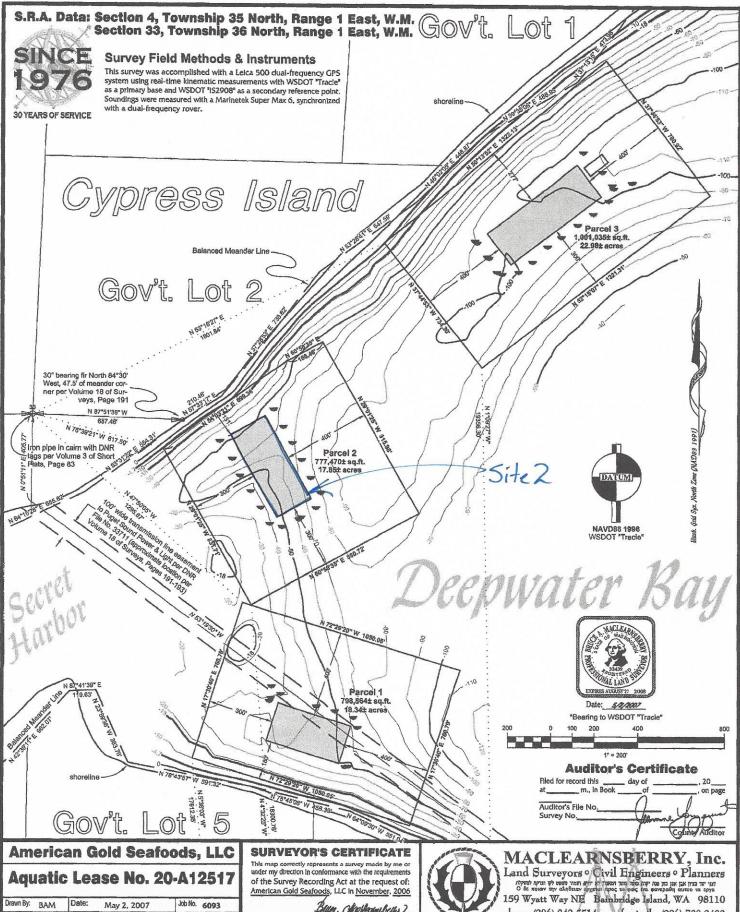
Drawn By: BAM | Date: March 9, 2007 | Job No. 6093

Checked By: BAM | Scale: 1:15,000 | Sheet 2 of 2





MACLEARNSBERRY, Inc.



Buten, Chrolleman Letter 2 Certificate No. 32439

Job No. 6093

Sheet 1 of 2

May 2, 2007

1" = 200"

Drawn By: BAM

Checked By: BAM Scale:

phone: (206) 842-5514 facsimile: (206) 780-2408