

STAFF SUMMARY FOR AUGUST 4-5, 2015

10. SANTA BARBARA MARICULTURE - NEW LEASE**Today's Item**Information Action

Determine whether state water bottom lease applied for by Santa Barbara Mariculture Company would be in the public interest.

Summary of Previous/Future Actions

- Receive new lease application Jun 10-11, 2015; Mammoth Lakes
- **Today's public interest finding** **Aug 4-5, 2015; Fortuna**
- Approve lease Dec 9-10, 2015; San Diego

Background

FGC has the authority to lease state water bottoms to any person for aquaculture if FGC determines that such a lease is in the public interest (Section 15400, Fish and Game Code). Requirements for new lease applications and their consideration by FGC are specified in Section 15403 et seq. of the Fish and Game Code.

Santa Barbara Mariculture currently holds FGC-issued state water bottom lease number M-653-02) for offshore mussel farming activity adjacent to Santa Barbara County. This lease is set to expire January 17, 2016, and renewal is being pursued by the lessee, Mr. Bernard Friedman. At its June 2015 meeting, FGC received an application from Mr. Friedman to lease a new area covering 26 acres of state water bottom adjacent to and adjoining the existing lease, as part of his effort to reconfigure the current operating lease shape during lease renewal. Mr. Freidman submitted the new lease application and lease renewal request within the same letter (Exhibit 1). FGC will consider the request to renew the existing lease and the application for a new lease, under separate, but concurrent actions later this year.

Fish and Game Code sections 15400(a) and 15404 require that, prior to considering a new lease application, FGC must find that the lease area applied for is available (i.e., not otherwise leased or encumbered for other use), and that the lease would be in the public interest. To help inform FGC's finding, DFW has consulted with the State Lands Commission regarding availability of the area, and has provided a review of the application regarding public interest.

Should FGC find that the lease would be in the public interest, staff will publish public notice that FGC is considering the lease, as prescribed in Fish and Game Code Section 15404, and will conduct environmental review prior to final FGC consideration.

Significant Public Comments (N/A)**Recommendation**

FGC staff: Concurs with DFW's recommendation that FGC find the lease would be in the public interest, and that the lease application be advanced for public notice and review.

DFW: A finding that the lease applied for would be in the public interest, and staff direction to proceed with the next steps in public notice and environmental review.

STAFF SUMMARY FOR AUGUST 4-5, 2015

Exhibits

1. Santa Barbara Mariculture Company application for new lease and request for lease renewal, dated Apr 15, 2015
2. Map of current and proposed lease areas
3. DFW memo review of Santa Barbara Mariculture request for new lease, received Jul 22, 2015

Motion/Direction

Moved by _____ and seconded by _____ that the Commission finds that the state water bottom lease area applied for by Santa Barbara Mariculture Company for purposes of aquaculture is available for lease, that the lease would be in the public interest, and directs staff to initiate environmental review and public notice pursuant to Section 15404 of the Fish and Game Code.

SANTA BARBARA MARICULTURE CO.
BERNARD L. FRIEDMAN

2043

90-3478/1222
193

4/15/15

DATE

PAY TO THE
ORDER OF

Department of Fish and Wildlife

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Montecito
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5658 CALLE REAL
GOLETA, CALIFORNIA 93117

FOR

lease application

MAY 05 2015 00 17 44

[Signature]

MP



CASUAL

FORM A
State Of California Department Of Fish And Game Application For Lease Of
State Water Bottoms For Aquaculture

Applicant Name: Santa Barbara Mariculture Co. Phone No. (805) 886-1283
Address: 4365 Cuna Dr., Santa Barbara, CA 93110
Aquaculture Registration No 0969 Expiration Date 12/31/15

Species of plant or animals to be cultured:

Mytilus galloprovincialis
Crassostrea gigas
Crassadoma gigantea

Application is hereby made to the Fish and Game Commission of the State of California for a lease of State water bottoms in the area described in the attached exhibit entitled "Exhibit A-Legal Description", and as shown on the map attached hereto marked "Exhibit B". Each exhibit bears the name of this applicant. Such lease will be for the purpose of aquaculture involving the species designated above. In support of this application, the applicant hereby submits the following explanation of the type of operation and cultural practices to be employed:

- A. Purpose of operation - research and development or production
- B. Plan of development and proposed production schedule - 5 year plan
- C. Type of cultural method(s) to be employed: bottom, long line, buoyed habitats, etc.
- D. Department of Health Services growing water classification: approved, conditionally approved, prohibited, restricted or unclassified

(Attach additional sheets for detailed explanation)

Date: 4/15/15 Signed: B. Friedman

Print Name: Bernard Friedman

(See instructions on the back)

President

Santa Barbara Mariculture
Company

500.00

Santa Barbara Mariculture Company

4365 Cuna Dr.

Santa Barbara, CA 93110

805 886-1283

bernard@sbmariculture.com

April 15, 2015

Fish and Game Commission

1416 Ninth St.

Sacramento, CA 95814

Dear Fish and Game Commission:

I would like to thank you for approving a one year extension of my existing Santa Barbara Mariculture Company aquaculture lease M-653-02 at the December 3, 2014 Commission meeting in Van Nuys. I would like to complete the lease approval process for this lease, and enter into a longer term lease contract with the Commission.

I would like to amend the shape of the original lease as proposed in exhibit A1. In addition, I would like to request a new lease. Exhibit A2 which will consist of 26 acres and be adjacent to lease no. 1.

The description of both lease no. 1 and lease no. 2 are attached. See exhibit A1, A2, and B.

I would like both of these leases to reflect my current aquaculture registration (number 0969) in allowing me to grow *Mytilus galloprovincialis* (Mediterranean mussel), *Crassostrea gigas* (Pacific oyster), and *Crassadoma gigantean* (Rock scallop).

Santa Barbara Mariculture Company is the leading offshore shellfish production company on the West Coast both in the number of years practicing offshore shellfish culture and quantities of shellfish produced. Both these leases will be used for research, development, and production of shellfish. The existing and proposed operation will use submerged longlines as the structure from which shellfish will be grown. The existing lease already has a conditionally approved classification from the California Department of Public Health.

Santa Barbara Mariculture Company has worked with the Department of Fish and Wildlife and the California Fish and Game Commission to further the research and development of offshore shellfish culture and wishes to continue a productive relationship with the State of California.

Sincerely,

A handwritten signature in black ink, appearing to read "Bernard Friedman". The signature is fluid and cursive, with the first name "Bernard" and last name "Friedman" clearly distinguishable.

Bernard Friedman

President of Santa Barbara Mariculture Co.

EXHIBIT A1

A portion of submerged lands within the Santa Barbara Channel, lying southerly of the Santa Barbara coast, in the County of Santa Barbara, in the State of California, described as follows.

LEASE SITE No.1

Commencing at the lighthouse near the bluff along the Pacific Ocean, at an approximate position of N 34° 23' 46.8", W 119° 43' 21.5";

thence westerly, approximately 9112 feet to a point having California State Plane Zone 5 (SPC5) grid coordinates of 1970460.00 feet North, 6032940.00 feet East, and having a geodetic position of N 34° 23' 39.231", W 119° 45' 09.832", the northeasterly corner and Point of Beginning of LEASE SITE No.1;

thence North 68°34'30" West, 2499.87 feet grid (2500.00 feet at mean sea level), to a point having SPC5 grid coordinates of 1971373.16 feet North, 6030612.88 feet East, and having a geodetic position of N 34° 23' 47.860", W 119° 45' 37.789";

thence South 21°25'30" West, 801.46 feet grid (801.50 feet at mean sea level), to a point having SPC5 grid coordinates of 1970627.09 feet North, 6030320.12 feet East, and having a geodetic position of N 34° 23' 40.430", W 119° 45' 41.126";

thence South 68°34'30" East, 2499.87 feet grid (2500.00 feet at mean sea level), to a point having SPC5 grid coordinates of 1969713.923 feet North, 6032647.24 feet East, and having a geodetic position of N 34° 23' 31.801", W 119° 45' 13.170";

thence North 21°25'30" East, 801.46 feet grid (801.50 feet at mean sea level), to the Point of Beginning.

The above geodetic SPC5 and geodetic positions are based on the NAD83 datum. The above described **LEASE SITE No. 1** contains 46.00 acres and is as shown on Exhibit B, attached hereto and made a part hereof for informational purposes.

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.

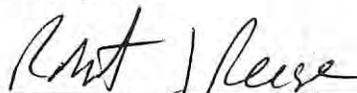
 03.20.2015
Robert J. Reese, LS 6208



EXHIBIT A2

A portion of submerged lands within the Santa Barbara Channel, lying southerly of the Santa Barbara coast, in the County of Santa Barbara, in the State of California, described as follows.

LEASE SITE No.2

Commencing at the lighthouse near the bluff along the Pacific Ocean, at an approximate position of N 34° 23' 46.8", W 119° 43' 21.5";

thence westerly, approximately 9112 feet to a point having California State Plane Zone 5 (SPC5) grid coordinates of 1970460.00 feet North, 6032940.00 feet East, and having a geodetic position of N 34° 23' 39.231", W 119° 45' 09.832";

thence North 68°34'30" West, 2499.87 feet grid (2500.00 feet at mean sea level), to a point having SPC5 grid coordinates of 1971373.16 feet North, 6030612.88 feet East, and having a geodetic position of N 34° 23' 47.860", W 119° 45' 37.789", the northeasterly corner and Point of Beginning of LEASE SITE No.2;

thence North 68°34'30" West, 1412.93 feet grid (1413.00 feet at mean sea level), to a point having SPC5 grid coordinates of 1971889.28 feet North, 6029297.60 feet East, and having a geodetic position of N 34° 23' 52.737", W 119° 45' 53.591";

thence South 21°25'30" West, 801.46 feet grid (801.50 feet at mean sea level), to a point having SPC5 grid coordinates of 1971143.20 feet North, 6029004.84 feet East, and having a geodetic position of N 34° 23' 45.307", W 119° 45' 56.928";

thence South 68°34'30" East, 1412.93 feet grid (1413.00 feet at mean sea level), to a point having SPC5 grid coordinates of 197062709 feet North, 6030320.12 feet East, and having a geodetic position of N 34° 23' 40.430", W 119° 45' 41.126";

thence North 21°25'30" East, 801.46 feet grid (801.50 feet at mean sea level), to the Point of Beginning.

The above geodetic SPC5 and geodetic positions are based on the NAD83 datum. The above described **LEASE SITE No. 2** contains 26.00 acres and is as shown on Exhibit B, attached hereto and made a part hereof for informational purposes.

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.

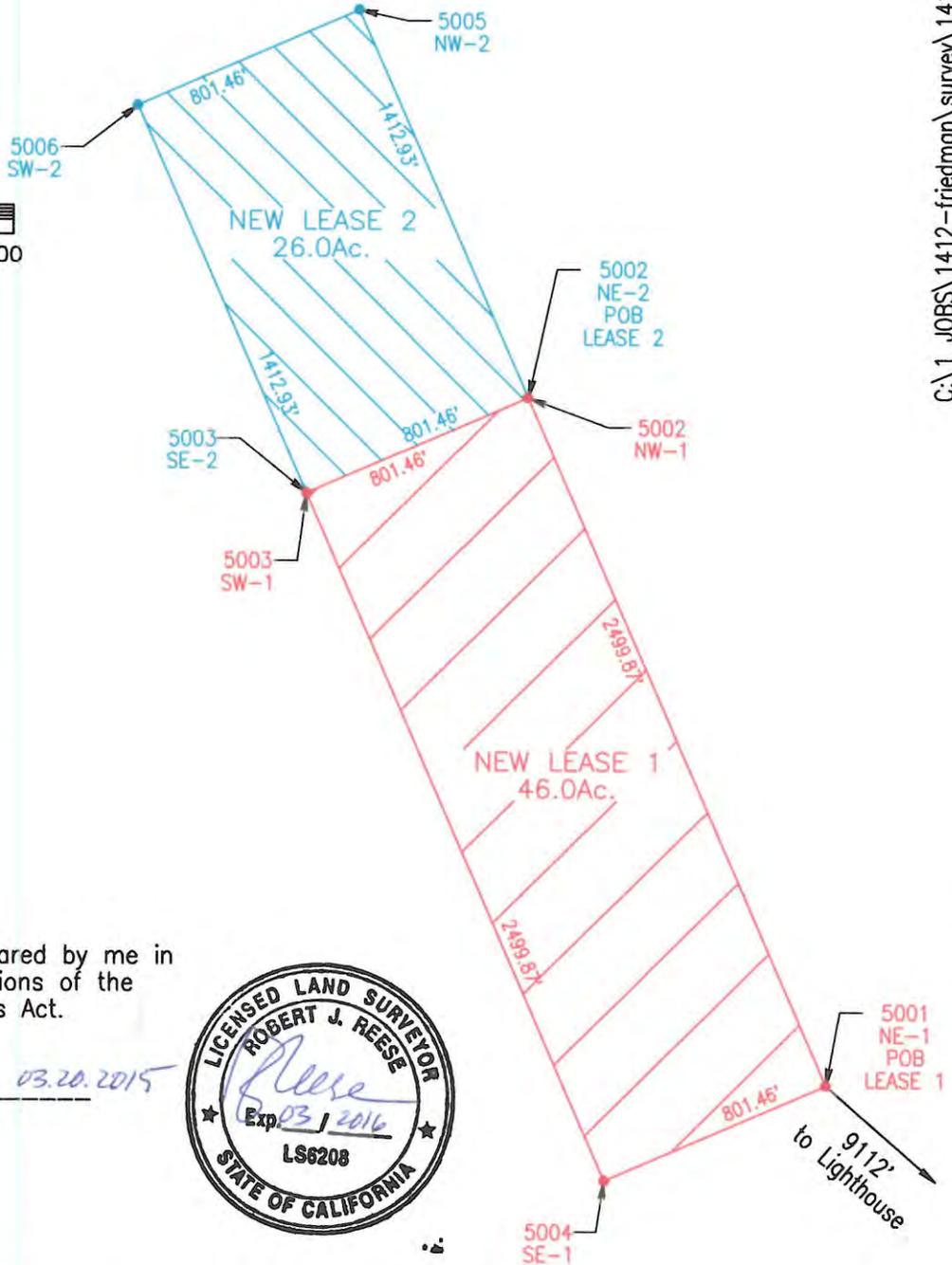
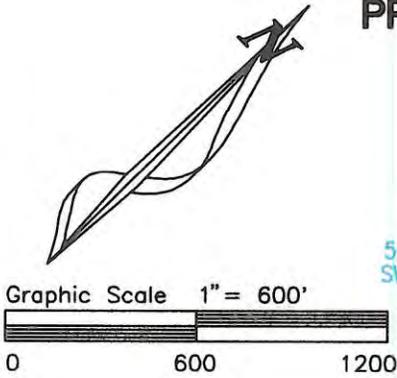
Robert J. Reese 03.20.2015

Robert J. Reese, LS 6208



EXHIBIT B PROPOSED NEW MARICULTURE LEASES M-653-2

Mar 19, 2015
C:\1 JOBS\1412-friedman\survey\1412-exhibitB.pro



This exhibit has been prepared by me in accordance with the provisions of the Professional Land Surveyors Act.

Robert J. Reese 03.20.2015
Robert J. Reese, LS 6208

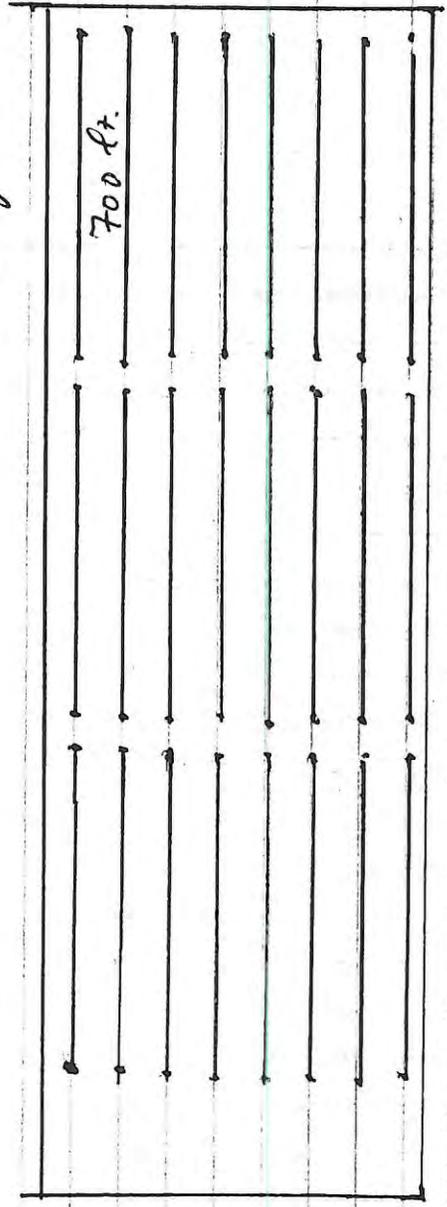


COORDINATE DATA: PROPOSED LEASE CORNERS				
Pt. Descr.	North(Y)	East(X)	N.Lat	W.Long
5001 NE-1	1970460.00	6032940.00	34°23'39.231"	119°45'09.832"
5002 NW-1	1971373.16	6030612.88	34°23'47.860"	119°45'37.789"
5003 SW-1	1970627.09	6030320.12	34°23'40.430"	119°45'41.126"
5004 SE-1	1969713.93	6032647.24	34°23'31.801"	119°45'13.170"
5005 NW-2	1971889.28	6029297.60	34°23'52.737"	119°45'53.591"
5006 SW-2	1971143.20	6029004.84	34°23'45.307"	119°45'56.928"

Santa Barbara Mariculture

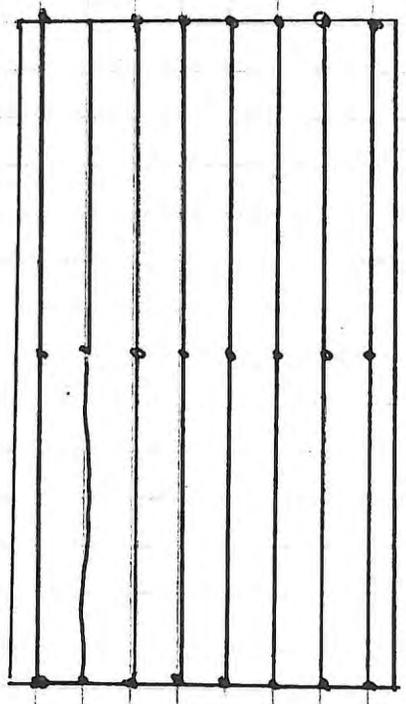
each longline = 700 ft.

Lease 1
46 acres
800 x 2500 ft



$8 \times 3 = 24$ longlines

Lease 2
26 acres
800 x 1412 ft



$\square = 100$ ft

$2 \times 8 = 16$ longlines

Bernard Friedman
Santa Barbara Mariculture Company
4365 Cuna Dr.
Santa Barbara, CA 93110

April 7, 2015

Five Year Work Plan

Currently there are 12 longlines on two-thirds of the Eastern portion of lease 1. Each longline grows 10,000 lbs. of Mediterranean mussels per year. Together, the 12 longlines produce 120,000 lbs. annually.

At the end of year five, lease 1 will hold 24 longlines which are 700 feet long from anchor to anchor. They will be installed in 3 rows of 8 parallel to the shore. The lines will be spaced 100 feet apart and each grow 10,000 lbs. of mussels per year. The projected harvest from lease 1 will be 240,000 lbs. per year.

Also at the end of year five, lease 2 will hold 16 longlines which are 700 feet long anchor to anchor. They will be installed in 2 rows of 8 parallel to shore. The lines will be spaced 100 feet apart and each grow 10,000 lbs. per year for an annual yield of 160,000 lbs..

The combined annual yield for both leases is projected to be 400,000 lbs. at the end of year 5.

During the development of the leases, in year 1, 16 longlines in lease 2 will be established as well as 8 longlines in the Western half of lease 1. The installation of these 24 longlines will take less than a week to install and consist of putting 32 screw anchors in the seafloor and joining them with 1 ¼ inch tensioned rope. The harvest from the current 12 longlines will continue at 120,000 lbs. in year 1.

Year 2 will see an increase in yield with 8 more longlines incorporated into production with an increased yield of 200,000 lbs..

Year 3 will see an increase of 12 more longlines put into production while the original 12 longlines in the Easter half will be removed and replaced with new rope and screw anchors. Yield is expected to stay the same at 200,000 lbs. Construction of a second boat and equipment is expected to begin and be completed by the beginning of year 4.

Year 4 will see an increase in production as the new boat comes on line with a total of 30 longlines used for production of 300,000 lbs. of mussels.

Year 5 will be in full production of all 40 longlines with two boats working the farm. Yields for each longline will also steadily increase with each longline steadily increasing to an annual yield of 20,000 lbs.

Production by year 10 could be upward of 800,000 lbs. of mussels with steady and managed growth.

If there is a production failure in any given year, the Pacific oyster will be cultivated to offset losses and create income until mussel production comes back on line.

Similarly, SBMC would like to diversify with the Purple hinged rock scallop and is looking for opportunities to develop commercial production of this species.

SBMC will be investigating production techniques of other species as the opportunities become available. Integrated multi-trophic mariculture systems may be the future for California, and SBMC will alter its work plan accordingly to create a sustainable future for the long term.



MICHAEL WILKENING
Acting Director

State of California—Health and Human Services Agency
California Department of Public Health



EDMUND G. BROWN JR.
Governor

February 15, 2015

Mr. Bernard Friedman
Santa Barbara Mariculture Company
4365 Cuna Dr.
Santa Barbara, CA 93110

Dear Mr. Friedman:

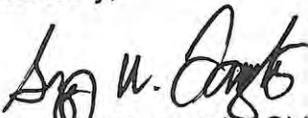
SHELLFISH GROWING AREA CERTIFICATE

Your application for a Shellfish Growing Area Certificate to harvest shellfish from aquaculture Lease M-653-02 in the Santa Barbara Channel has been reviewed and approved. The following Shellfish Growing Area Certificate Number has been assigned to the Santa Barbara Mariculture Company: SGA15-614 (Lease M-653-02).

This growing area is classified as **Conditionally Approved**. Based on our review, your shellfishing operation at this growing area is currently in compliance with the requirements of Title 17, California Code of Regulations, Sections 7706 to 7733, and Section 112150 et seq. of the California Health and Safety Code, pertaining to the culture and harvesting of shellfish for human consumption.

The enclosed Shellfish Growing Area Certificate contains the terms and conditions for maintaining compliance with regulatory requirements for your shellfish operation at this lease and certification of this growing area. If you have any questions, please call me at (510) 412-4635.

Sincerely,

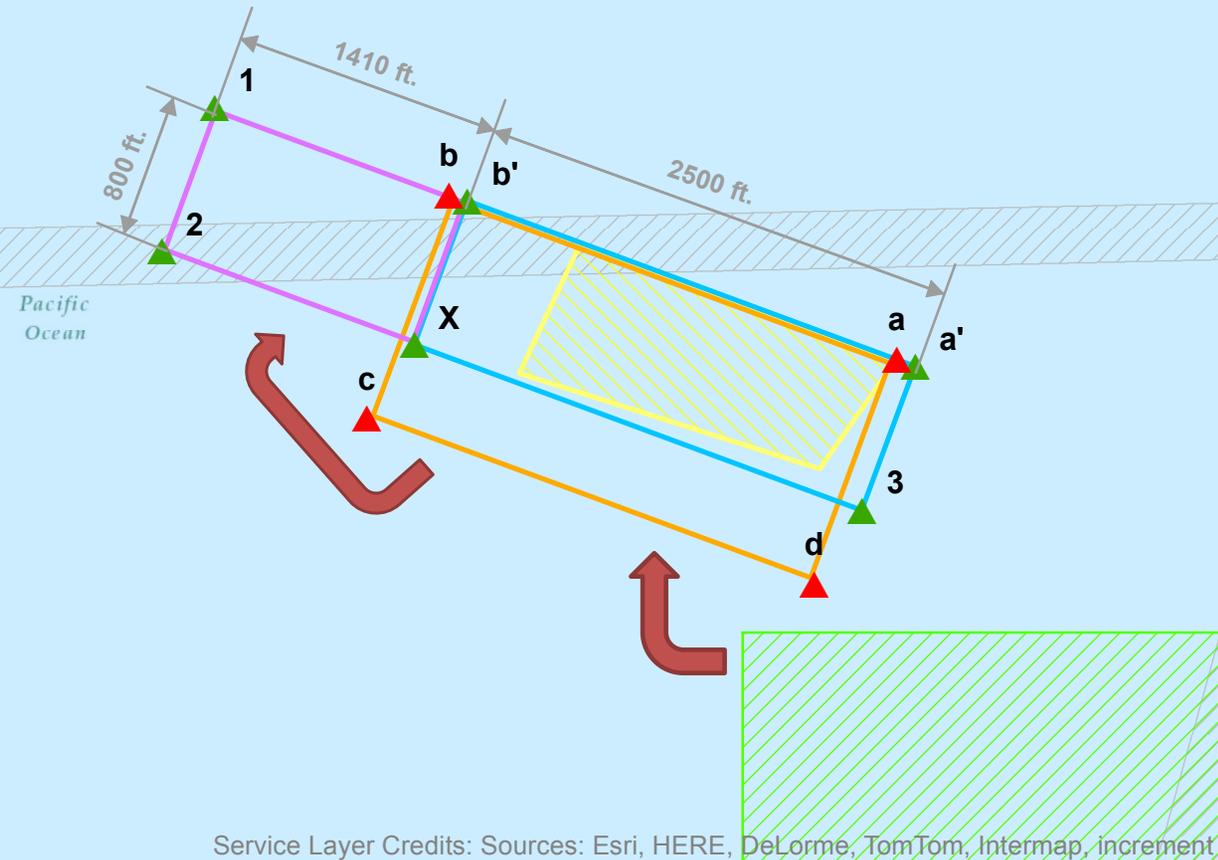
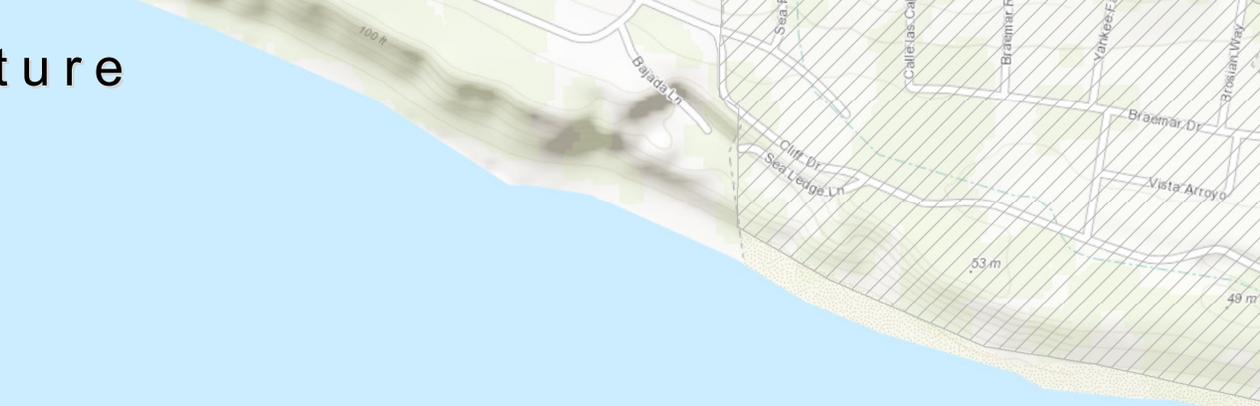

Gregg W. Langlois, Chief
Preharvest Shellfish Unit
Environmental Management Branch

Enclosure

Santa Barbara Mariculture Lease M-653-02

Legend

-  Pre Nov 2014 Description (72 Acres)
-  Current Location of Gear (28 Acres)
-  Current Description (72 Acres)
-  Proposed Lease 1 Description (46 Acres)
-  Proposed Lease 2 Description (26 Acres)
-  Santa Barbara City limit



Position	Latitude	Longitude
a'	34° 23' 39.231" N	119° 45' 9.832" W
a	34° 23' 39.600" N	119° 45' 10.980" W
b'	34° 23' 47.860" N	119° 45' 37.789" W
b	34° 23' 48.180" N	119° 45' 38.940" W
c	34° 23' 36.600" N	119° 45' 44.160" W
d	34° 23' 27.960" N	119° 45' 16.200" W
X	34° 23' 40.430" N	119° 45' 41.126" W
1	34° 23' 52.737" N	119° 45' 53.591" W
2	34° 23' 45.307" N	119° 45' 56.928" W
3	34° 23' 31.801" N	119° 45' 13.170" W

Map created by California Department of Fish and Wildlife, Marine Region GIS. Map is shown in the California Teale Albers NAD 83 projection. The positions listed are in geographic coordinates NAD 83.

Memorandum

2015 JUL 22 PM 2:16

Date: July 16, 2015

To: Sonke Mastrup
Executive Director
Fish and Wildlife Commission

From: Charlton H. Bonham
Director



Subject: **Recommendation to consider new State Water Bottom Lease for Santa Barbara Mariculture adjacent to existing lease parcel M-653-02.**

At its June 10-11, 2015 meeting, the Fish and Game Commission (Commission) received Santa Barbara Mariculture's application for a new state water bottom lease adjacent to its existing state water bottom lease #M-653-02, as part of an effort to reconfigure the current operating lease shape for offshore mussel farming activity. Prior to further consideration of the new lease application, the Commission must determine that the lease area applied for is available (i.e., not otherwise leased or encumbered for other use), and determine that the lease would be in the public interest (Fish and Game Code §15400(a) and §15404). The Department has notified the State Lands Commission of the application for a state water bottom lease, as required under Fish and Game Code §15415, and the Department has completed a review of the application to inform and support the Commission's determination of public interest.

Background

Santa Barbara Mariculture currently holds State Water Bottom Lease #M-653-02, a 72-acre parcel lying just offshore from Santa Barbara, California. Leased and operated as a mussel- and oyster-farming business at this location since 2005 by Mr. Bernard Friedman, the lease is set to expire January 27, 2016. Mr. Friedman has requested that the Commission renew this lease as a modified shape, where a lengthwise cut of approximately 26 acres would be surrendered from the current lease and an equivalent acreage be reshaped and adjoined to the west end of the remaining current lease, resulting in a long, narrow configuration. While the total area would retain the same net equivalent acreage (~72 acres) as the current lease, the relocated portion of the area is being considered here under a "new lease" application, while the retained portion of the existing lease will be considered through separate Commission action as a lease renewal.

Location Availability

At the Department's request, State Lands Commission staff performed an inquiry into the competing uses for this new lease location, including the existing footprint, and found that no conflicting entitlement for use of this location, nor within over one kilometer, exists, as confirmed in the attached letter.

Public Interest of Lease

The Department considered general State administrative and environmental policy and statutory guidance regarding use of state water bottoms for purposes of shellfish aquaculture, the specific lease location, and the specific grower in its review, as follows.

General State policy:

The California State Legislature, in enacting Public Resources Code §826, found and declared that it is in the interest of the people of the State that the practice of aquaculture be encouraged. Fish and Game Code §1700 further declares that it is policy of the State to encourage the conservation, maintenance, and utilization of the living resources of the ocean and other waters under the jurisdiction and influence of the State for the benefit of all the citizens of the State and to promote, among other things, the development of commercial aquaculture.

Under the California Environmental Quality Act (CEQA), state water bottom leases for aquaculture are “projects” subject to environmental review (PRC §21065), and this application will undergo such review if the Commission finds it in the public interest to proceed with its consideration.

More recently, the California Legislature delivered a clear message supporting shellfish culture by passing Assembly Joint Resolution No. 43 (AJR 43) in 2014, calling for both expanded acreage for shellfish farming and restoration, as well as a more efficient and economical permitting process. AJR 43 passed unanimously in both houses, and reflects a clear expression of public interest in shellfish culture generally by the people’s representatives.

Specific lease location:

The Department evaluated whether the lease area might interfere with fishing or other public trust values or uses in the location. The issuance of a state water bottom lease would provide exclusive use of the area for purposes of shellfish aquaculture. The location of the proposed lease area is less than one mile offshore from Santa Barbara and is adjacent to existing lease #M-653-02, with both the existing and adjacent new lease areas covering similar depth strata and habitat type.

The combined shape of the proposed new lease and the retained portion of the adjacent lease (#M-653-02) would provide a narrower footprint than the current lease layout and runs parallel to the coastline. This lease shape conforms to a preferred operational layout for the grower, while resulting in a less-obtrusive footprint designed to limit impact on other vessel traffic and marine mammal migration running parallel to the coast.

Fishing Considerations: The Halibut Trawl Grounds, which occupy a band between 1 and 3 miles offshore along this section of coast, do not overlap with the lease and the

Sonke Mastrup, Executive Director
Fish and Game Commission
July 16, 2015
Page 3

reconfiguration would add more buffer space between the shellfish farm's leased area and fishing vessel traffic within this zone. (see Attachment 2, Fig. 3)

Tribal Considerations: In compliance with the Commission's tribal consultation policy, staff has made initial contact with the Santa Ynez Band of Chumash Indians to inquire about possible consultation regarding the proposed lease area. More detailed discussions are anticipated prior to scheduling Commission consideration of awarding the lease.

Applicant References: The specific lease applicant, Mr. Bernard Friedman, is the owner of Santa Barbara Mariculture, and a California Registered Aquaculturist in good standing who has conducted offshore shellfish farming and supplied local California markets since 2005.

Department Recommendation:

While a thorough review of any potential environmental impacts will be considered pursuant to CEQA before the Commission awards the lease, the Department considers the above supports, and recommends a finding by the Commission, that the application for said lease area would be in the public interest. The Department further recommends that the Commission proceed with next steps in the public notice (Fish and Game Code §15404) and environmental review processes before considering awarding the lease.

For additional information on this matter, please contact either Randy Lovell, State Aquaculture Coordinator, 916-445-2008, randy.lovell@wildlife.ca.gov, or Kirsten Ramey, Marine Region Aquaculture Coordinator, 707-445-5365, kirsten.ramey@wildlife.ca.gov.

Attachments

ec: Department of Fish and Wildlife

Dan Yparraguirre, Deputy Director
Wildlife and Fisheries Division
Dan.yparraguirre@wildlife.ca.gov

Craig Shuman, D.Env.
Manager
Marine Region (Region 7)
Craig.shuman@wildlife.ca.gov

Randy Lovell, State Aquaculture
Coordinator
Randy.lovell@wildlife.ca.gov

Sonke Mastrup, Executive Director
Fish and Game Commission
July 16, 2015
Page 4

Kirsten Ramey, Marine Aquaculture
Coordinator
Marine Region (Region 7)
Kirsten.ramey@wildlife.ca.gov

Attachment 1

STATE OF CALIFORNIA

EDMUND G. BROWN JR., Governor

CALIFORNIA STATE LANDS COMMISSION
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825-8202



JENNIFER LUCCHESI, Executive Officer
(916) 574-1800 Fax (916) 574-1810
California Relay Service TDD Phone 1-800-735-2929
from Voice Phone 1-800-735-2922

Contact Phone: (916) 574-0992
Contact Fax: (916) 574-1835

January 9, 2014

File Ref: SD 2014-01-08.6

Mr. Randy Lovell
Aquaculture Coordinator
Department of Fish and Wildlife
830 S Street
Sacramento, CA 95814

Subject: Santa Barbara Mariculture Lease

Dear Randy:

Thank you for contacting the California State Lands Commission (CSLC) regarding aquaculture use in the Pacific Ocean $\frac{3}{4}$ mile off shore from the Hope Ranch on the Santa Barbara Coast. The current operator of the aquaculture lease is requesting an expansion of their lease area. Additionally, the California Department of Fish and Wildlife (CDFW) has requested any information on any leases within the proposed aquaculture expansion area.

Based on the information CDFW provided and review of in-house records and maps, there are no leases within the area of proposed expansion for the existing aquaculture lease.

If you have any questions, please contact me at (916) 574-0992 or via email at al.franzola@slc.ca.gov. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Al Franzola', written over a horizontal line.

Al Franzola
Public Land Management Specialist

Enclosure

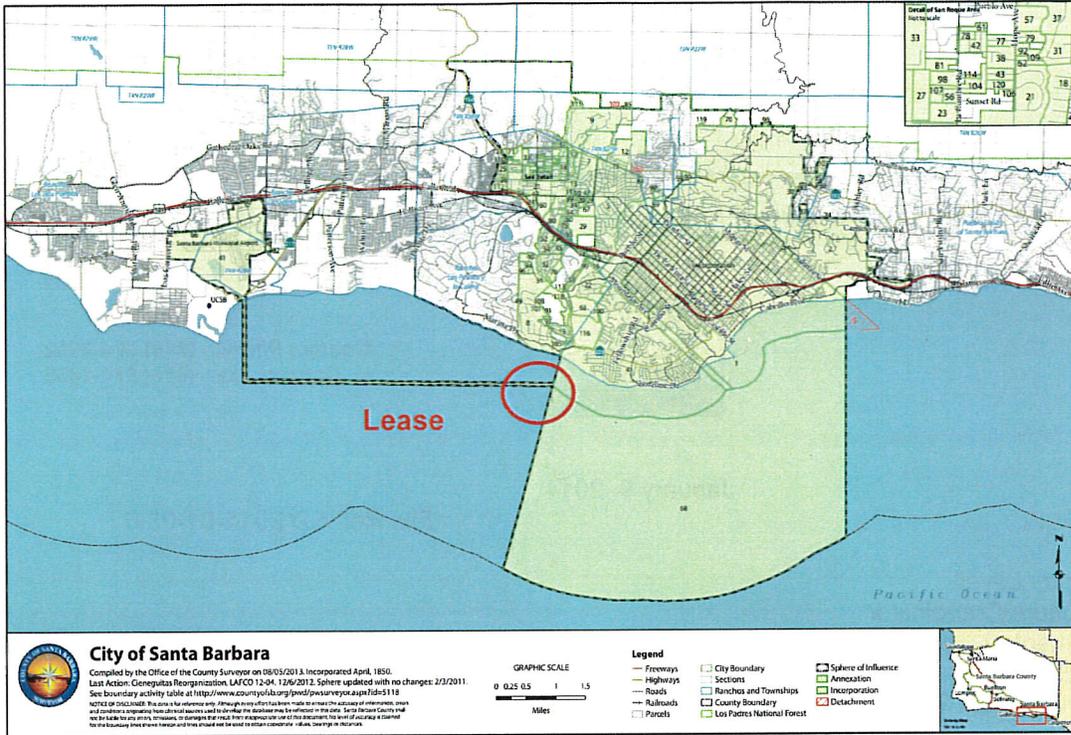


Fig 1. City of Santa Barbara annexations

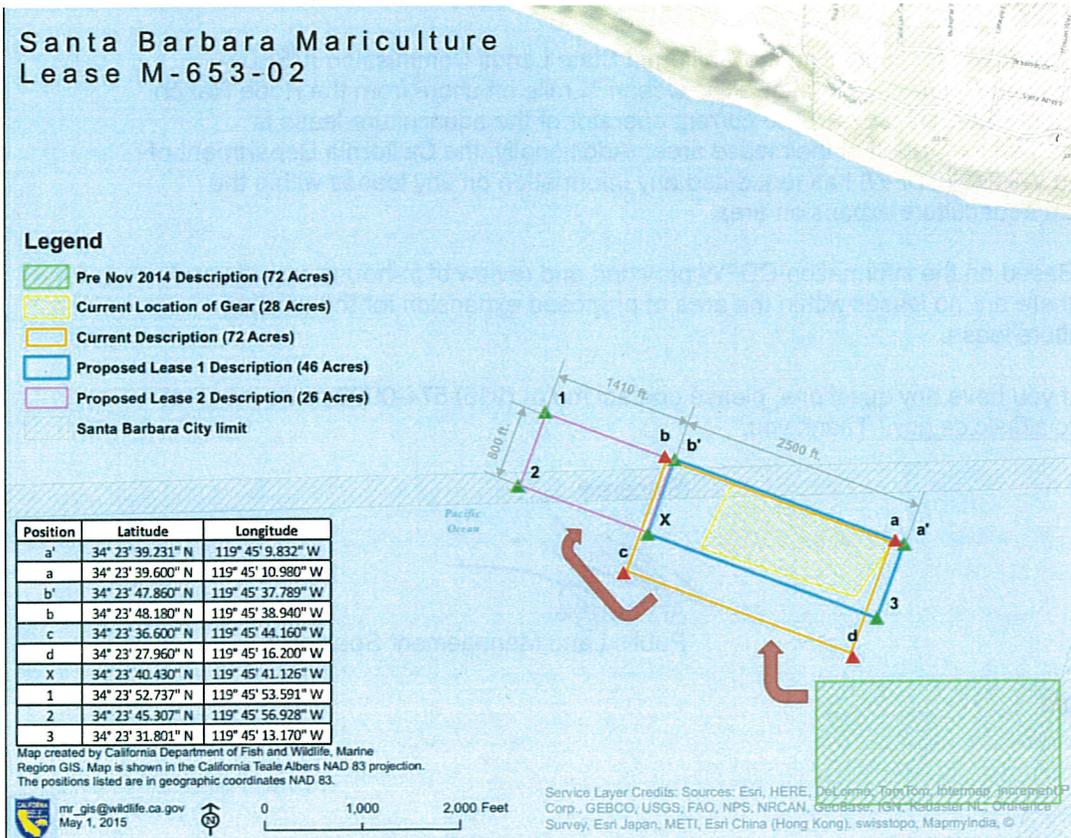


Fig 2. Lease Shape Change

Santa Barbara Mariculture Lease M-653-02

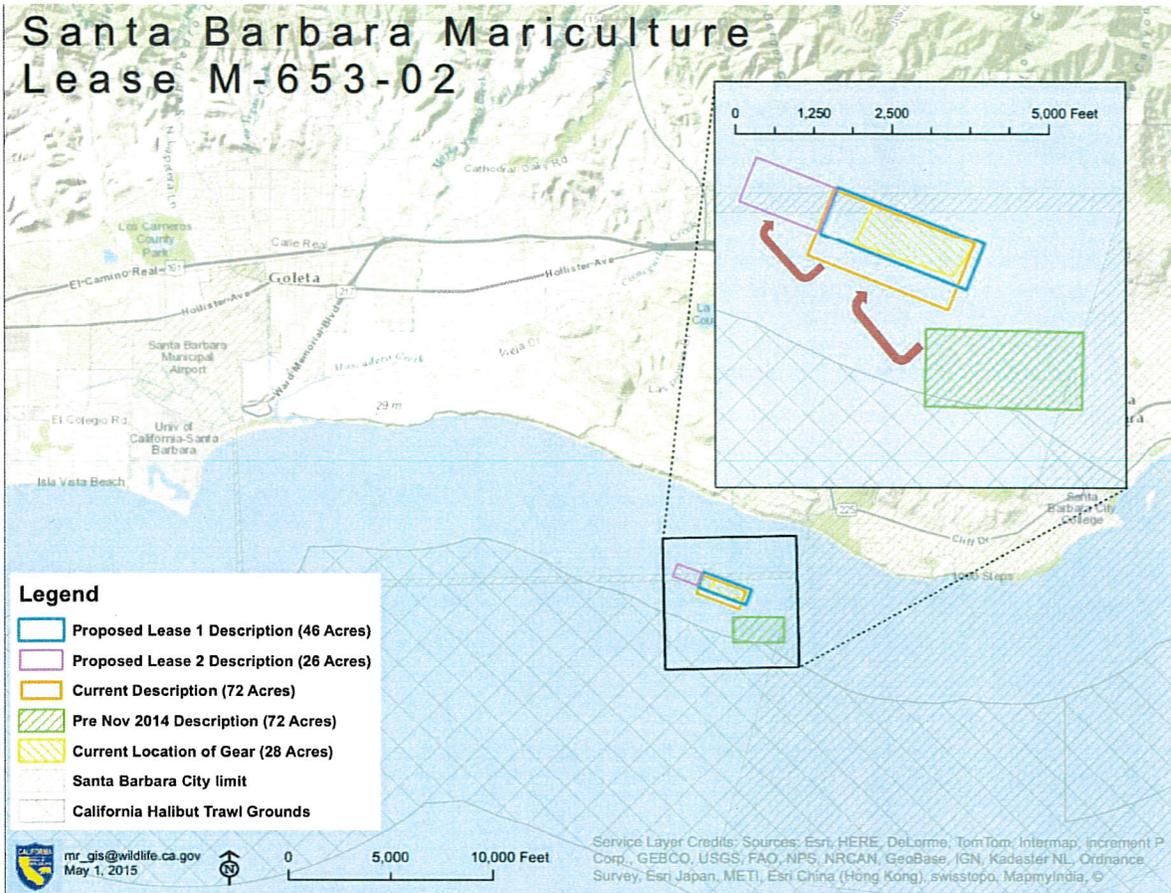


Fig 3. Lease position relative to Halibut Trawl Grounds and Santa Barbara incorporated areas.

