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3 **Minutes of the Board of Agriculture**  
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6 CALL TO ORDER – The meeting of the Board of Agriculture was called to order on  
7 June 30, 2020 at 9:01 a.m. by Board of Agriculture Chairperson, Phyllis Shimabukuro-  
8 Geiser. The meeting was conducted virtually via Zoom due to the current risk of  
9 exposure to COVID-19.

10  
11 **Members Virtually Present:**

12 Phyllis Shimabukuro-Geiser, Chairperson, Board of Agriculture  
13 Suzanne Case, Chairperson, Board of Land and Natural Resources, Ex Officio  
14 Member  
15 Dr. Nicholas Comerford, Dean of the College of Tropical Agriculture & Human  
16 Resources University of Hawaii, Ex Officio Member  
17 Vincent Mina, Maui Member  
18 Diane Ley, Hawaii Member  
19 Fred Cowell, Kauai Member  
20 Glenn Hong, Member-At-Large  
21 Joe Tanaka, Member-At-Large  
22 Mary Alice Evans, Ex Officio Member (viewed the meeting but was unable to  
23 participate and vote; she signed out of the virtual meeting at 10:30 a.m.)  
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25  
26 **Others Virtually Present:<sup>1</sup>**

27 Brian Kau, HDOA/ARMD  
28 Roy Hasegawa, HDOA/ ARMD  
29 Linda Murai, HDOA/ARMD  
30 Joyce Wong, HDOA/ARMD  
31 Brandi Ah Yo, HDOA/ARMD  
32 Kirk Saiki, HDOA/ARMD  
33 Kevin Hoffman, HDOA/PI  
34 Dean Matsukawa, HDOA/ALD  
35 Christine Asing, HDOA/ALD  
36 Jillian Scheibe, HDOA/ALD  
37 Janelle Saneishi, HDOA/CHR  
38 Morris Atta, HDOA/CHR  
39 Earl Yamamoto, HDOA/CHR  
40 Bryan Yee, Attorney General's Office  
41 Kevin Hoffman, HDOA/PI  
42 Wil Leon-Guerrero, HDOA/PQB  
43 Jonathan Ho, HDOA/PQB

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<sup>1</sup> The identification of the public members is based on their sign-in name, but are not verified.

- 1 Keith Otsuka, HDOA/PQB
- 2 Leo Obaldo, HDOA/QAD
- 3 Cornel Kea, Dutch-Hawaiian Dairy Farms, LLC
- 4 Kees Kea, Dutch-Hawaiian Dairy Farms, LLC
- 5 Ed Boteilho
- 6 Derek Kurisu, KTA Stores
- 7 Cathy Goeggel, Animal Rights Hawaii
- 8 Gary Genske, CPA
- 9 Scott E. Enright
- 10 Dr. Vivek Nerukar, UH/JABSOM
- 11 Saguna Verma, UH/JABSOM
- 12 Axel Lehrer, UH/JABSOM
- 13 Alanna
- 14 Hurbert Olipares, UH
- 15 Wei-Kung Wang, JABSOM/UH
- 16 Brent Fujimoto
- 17 Daniel Strange
- 18 Darlene Ferreira
- 19 Daryl Huff
- 20 Etnakano
- 21 G. Inouye
- 22 HNN
- 23 Josh Gottlieb
- 24 Lauren Ching
- 25 Owner
- 26 etnakano
- 27 Pakeli Kafusi
- 28 Paul Talbett
- 29 Richard Yanagihara
- 30 Sasha
- 31 Zanga Schutte

32  
33 II. APPROVAL OF MINUTES FROM 4/14/20 MEETING

34  
35 Motion on 4/14/20 Minutes: Mina/Comerford

36  
37 Vote: Approved, 7-0

38  
39 III. INTRODUCTIONS

40  
41 IV. COMMUNICATIONS FROM DIVISIONS AND ADMINISTRATION

42  
43 On June 23, 2020, staff presented each agenda item and oral testimony was accepted.

1 For the meeting held on June 30, 2020, Chair restated the requests, accepted additional  
2 testimony, and the Board members discussed and voted on the items.

3  
4 A. AGRICULTURAL LOAN DIVISION

- 5  
6 1. Request for Approval of One (1) Emergency Loan to LBD Coffee, LLC and Leslie  
7 Drent, co-borrowers.

8  
9 Public testimony: None

10  
11 Motion to approve: Comerford/Ley

12  
13 Discussion: None

14  
15 Vote: Approved, 7-0

- 16  
17  
18 2. Request for Approval of One (1) Emergency Loan to Heavenly Hawaiian, Ltd., &  
19 The Other Farm, Ltd., co-borrowers.

20  
21 Board Member Tanaka joined via Zoom at 9:15 a.m.

22  
23 Public Testimony:

- 24 • Supplemental written testimony received from applicant, Mr. David Bateman.

25  
26 Board Member Hong was in support but noted that the cash flow summary had holes and  
27 should have been more closely reviewed and followed-up on by staff. Board member  
28 Comerford asked the process for evaluating the economic situation of a loan. Ms. Scheibe  
29 noted that the accounting changed for the farms and numbers should be more congruent going  
30 forward. Mr. Matsukawa clarified further.

31  
32 Vote: Approved, 8-0

- 33  
34  
35 3. Request for Approval of One (1) Emergency Loan to ZBAR Ranch, LLC and  
36 Barney James Schutte, co-borrowers.

37  
38 Public testimony:

- 39 • Ms. Cathy Goeggel, President of Animal Rights Hawaii, opposed the loan stating that it  
40 is not a good investment, not good for the land and not good for the taxpayer

41  
42 Motion to approve: Ley/Tanaka

43  
44 Board member Mina asked Ms. Goeggel what she meant by not good for the land. Ms.  
45 Goeggel answered that raising animals does not sequester enough carbon as forest land and it  
46 would be better if the land was left fallow or in forest rather than cattle. Board member Case

1 stated that while she appreciated the comment, the issue is an agricultural loan and the issue  
2 does not apply.  
3

4 Board member Ley questioned the lien on the horse herd and value. Mr. Matsukawa explained  
5 that Exhibit A is a depreciated value and the security is valued at market value.  
6

7 Vote: Approved, 8-0  
8  
9

10 4. Request for Approval of One (1) Direct Farm Ownership/Improvement Loan and  
11 One (1) Direct Operating Loan to Dutch-Hawaiian Dairy Farms, LLC  
12

13 Public Testimony:

- 14 • Mr. Derek Kurisu, Executive Vice President, KTA Stores, testified that he is a strong  
15 advocate and supporter of Agriculture for over 40 years. He stated that he has known  
16 Kees Kea for over 20 years and if he purchases the dairy, KTA will purchase all of the  
17 milk to keep the dairy and milk industry alive. He continued that he is in full support and  
18 would like to help Meadow Gold and Mr. Boteilho.  
19

20 Chair announced that items A4 and B1 are related and would be voted on together.  
21  
22

23 B. AGRICULTURAL RESOURCE MANAGEMENT DIVISION  
24

25 1. Request for Consent to Assignment of General Lease No. S-6024, Boteilho  
26 Hawaii Enterprises, Inc., Lessee/Assignor; to Dutch-Hawaiian Dairy Farms, LLC,  
27 Assignee, TMK: 3<sup>rd</sup> Div/5-5-003:004, 005 and 006; 3<sup>rd</sup> Div/5-5-005:001; 3<sup>rd</sup> Div/5-  
28 5-006:002, 003, 004 and 015, Opihipau-Hukiaa, Kokoiki, North Kohala, Island of  
29 Hawaii, Hawaii  
30

31 Public testimony:

- 32 • Ms. Cathy Goeggel, President, Animal Rights Hawaii, strongly opposed both the loan  
33 and the lease transfer.  
34  
35 • Mr. Kees Kea, Owner of Mauna Kea Moo and Dutch-Hawaiian Dairy Farm testified that  
36 he is aware of the negative impact of Big Island Dairy. His dairy is a natural, organic  
37 family farm. He added that their goal is to also make cheese and yogurt.  
38  
39 • Mr. Joshua Gottlieb, Chairman and CEO of Hawaii Agriculture, Energy and Earth  
40 Products, LLC submitted written testimony and addressed the Board. He requested that  
41 the Board defer actions and review his claim that his company had an existing  
42 agreement to purchase Cloverleaf Dairy.  
43  
44 • Mr. Gary Genske stated that Mr. Boteilho's dairy has been legally operating for decades  
45 and that the Keas will acquire the assets and manage the business going forward. He  
46 added that the Kea family will be present to operate the farm and watch day to day  
47 activities.

- 1  
2       • Mr. Paul Tallet testified that he worked closely with Mr. Cornel Kea and recommended  
3       him as a hardworking businessperson.  
4

5 Board member Case stated that she would like to understand the contractual dispute in  
6 executive session. Chair asked if there were any other questions relating to the legal matter to  
7 be discussed.  
8

9 Motion to enter executive session to discuss legal matter: Case/Mina

10  
11 Vote: Approved, 8-0

12  
13 The Board entered executive session at 9:59 a.m.

14  
15 The Board meeting resumed and then recessed at 10:33 a.m.

16  
17 The meeting reconvened at 10:37 a.m. with 8 board members present.  
18

19 Public testimony continued:  
20

- 21       • Mr. Ed Boteilho of Cloverleaf Dairy testified that he has been in business for over 57  
22       years and his desire is to see the dairy continue. He explained that his contract with Mr.  
23       Gottlieb to transfer the DLNR lease was conditioned on a signing bonus of \$100,000.  
24       He was paid \$50,000 up front. He stated that the timelines are moot, all extensions  
25       have passed, and he has been trying to repay the money, but Mr. Gottlieb has not been  
26       cooperative. He continued that he believes that Mr. Kea and his family along with his  
27       workers can be successful.  
28
- 29       • Mr. Alan M. Okamoto, Mr. Boteilho's attorney testified that he was called by Mr. Kea and  
30       informed that Mr. Gottlieb claimed that he had a right to purchase the dairy. He provided  
31       history by explaining that Mr. Gottlieb was notified that there was a possible  
32       contamination and an environmental study was done in 2019. With the passage of time,  
33       the value of the dairy decreased, and the offer was made to reduce the price if Mr.  
34       Gottlieb wished to proceed. If not, they would return the money. They received no  
35       response. Mr. Boteilho is still prepared to return the money, but he needs the proceeds  
36       from the sale to Mr. Kea to do so. There is one creditor that is ready to file a judgment  
37       which will close the dairy. If the Board approves, the creditor will hold off filing the  
38       judgment.  
39

40 Motion to approve: Hong/Comerford  
41

42 Board member Case questioned whether Mr. Gottlieb had been in contact with the Department  
43 within the 2 years. Mr. Matsukawa replied in the negative. Ms. Murai also replied in the  
44 negative but indicated that there was contact from the Okamoto law firm. Board member Case  
45 stated that because there is movement forward on the current application and no movement  
46 from the previous application, she would support the current application based on the testimony  
47 heard.

1  
2 Board member Mina questioned the legal ramifications if approved. Board member Cowell  
3 noted the time sensitiveness regarding the creditors if action was delayed.

4  
5 Chair asked Mr. Okamoto if a delay would be detrimental. Mr. Okamoto explained that the  
6 closing date had already been extended two times. If a decision was not made, Mr. Boteilho  
7 would be out of business in one week.

8  
9 Board member Hong stated that consent to transfer is not a requirement to transfer. He said  
10 that the KTA commitment is important and he would like to move forward in the best interest of  
11 the dairy and the community. Board member Comerford also supported and added that the  
12 money owed to Mr. Gottlieb is already in escrow.

13  
14 Board member Mina addressed Ms. Goeggel's concern and was in support of the farm.

15  
16 Motion was amended: Motion to approve loan and consent to assignment of lease:  
17 Hong/Comerford

18  
19 Vote: Approved 7-1 (Cowell disapproved)

- 20  
21  
22 2. Request for Approval for the Transfer of Public Lands at Kula on the Island of  
23 Maui from the Department of Land and Natural Resources to the Department of  
24 Agriculture Pursuant to Act 90, SLH 2003, Codified as Chapter 166E, Hawaii  
25 Revised Statutes

26  
27 Public testimony: None

28  
29 Motion to approve: Mina/Tanaka

30  
31 Board member Mina asked about the management of the pastures and if there was water  
32 available. Chair replied that they are all vacant. Ms. Murai answered that some parcels bring in  
33 water and some do have water, but it is not known if there are existing meters.

34  
35 Vote: Approved, 8-0

- 36  
37 2. Request for Acceptance of Annual Lease Rents as Determined by Independent  
38 Appraisal for Rent Reopenings and New Leases for TMK: (1) 4-1-009:269; (1)  
39 4-1-027:004; (1) 8-5-034:001; (1) 8-5-034:003; (1) 8-5-034:004; (1) 8-5-034:006;  
40 (1) 8-5-034:008; (1) 8-5-034:010; (1) 8-5-034:011; (1) 8-5-034:012; (1) 8-5-  
41 034:015; (3) 1-2-006:019; (3) 2-1-016:001; (3) 2-4-049:011; (3) 5-8-002:002; (3)  
42 5-9-001:004, (3) 5-9-003:002 & 004, (3) 5-9-004:001 & 008; (3) 1-5-116:001; (3)  
43 1-5-116:003; (3) 1-5-116:007; (3) 1-5-116:011; (3) 1-5-116:012; (3) 1-5-116:013;  
44 (3) 1-5-116:015; (3) 1-5-116:017; (3) 1-5-116:018; (3) 1-5-116:020; (3) 1-5-  
45 116:034; (3) 1-5-116:062; (4) 1-9-002:001; (4) 1-9-002:013; (4) 1-9-002:019; (4)  
46 1-9-002:020; (4) 1-9-002:045; (4) 1-9-003:006; (4) 1-9-003:010; (4) 4-1-001:007;  
47 (4) 4-1-001:012; (4) 4-1-009:005 & 006; (4) 4-4-002:031

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Public testimony: none

Motion to approve: Ley/Cowell

Board member Ley suggested that it would be helpful if the percentage of increase was understood. She voiced her concern that Pahoa Ag Park has 11 vacant parcels and if efforts were being made to fill the lots. Chair asked if there were active inquiries. Ms. Wong replied that there are inquiries and the division can move forward to fill the vacancies now that appraisals are done.

Vote: Approved, 8-0

4. Request for Consent to Assignment of General Lease No. S-4925; Lounareth Soulatha, Lessee/Assignor; to Mahiku Farm LLC, Assignee; TMK: 1<sup>st</sup> Div/4-1-035:004, Lot 4, Waimanalo Agricultural Park, Koolaupoko, Waimanalo, Island of Oahu, Hawaii

Public testimony: none

Motion to approve: Tanaka/Cowell

Vote: Approved, 8-0

5. Request for Consent to Assignment of General Lease No. S-9014, Thomas Decourcy, Lessee/Assignor; to Thomas Decourcy and Bradley Tsugio Sakamoto, Assignee; TMK: 2<sup>nd</sup> Div/5-2-001:022, Lot No. 13, Molokai Agricultural Park, Hoolehua-Apana, Island of Molokai, County of Maui, Hawaii

Public testimony: none

Motion to approve: Mina/Tanaka

Vote: Approved, 8-0

- 1                   6. Request for Approval of Extension of Lease Term, General Lease No. S-5480,  
2                   TMK: (4) 4-4-002:031; Lelan C. Nishek and Barbara M. Nishek, Lessee; Kapaa  
3                   Homesteads, 2<sup>nd</sup> Series, Oolohena Kawaihau, Island of Kauai, Hawaii  
4

5 Public testimony: None  
6

7 Motion to approve: Cowell/Tanaka  
8

9 Vote: Approved: 8-0  
10

- 11  
12                   7. Request for Approval to Sublease between the Hamakua Agricultural  
13                   Cooperative, Lessee/Sublessor, and Stanley Cypriano, Sublessee; General  
14                   Lease No. S-5551, TMK: (3) 4-6-003:01,02,20(por), Lot Nos.  
15                   3,5,9,10,20,21,22,23, and General Lease No. S-5554, TMK: (3) 4-6-  
16                   001:007,008,018(por), Lot No. 002, Honokaia Makai Tract, and Lauka-Kulihai,  
17                   Hamakua, Island of Hawaii  
18

19 Public testimony: None  
20

21 Motion to approve: Ley/Comerford  
22

23 Vote: Approved, 8-0  
24

- 25  
26                   8. Request for Approval to Sublease between the Hamakua Agricultural  
27                   Cooperative, Lessee/Sublessor, and Robert M. Bowman, Sublessee; General  
28                   Lease No. S-5551, TMK: (3) 4-6-003:001, 002, 020(por), Lot No. 18B, Honokaia  
29                   Makai Tract, Hamakua, Island of Hawaii  
30

31 Public testimony: None  
32

33 Motion to Approve: Ley/Cowell  
34

35 Vote: Approved, 8-0  
36  
37



1                   9. Request for Consent to Assignment of General Lease No. S-4790, Soriano  
2 Farm, Inc., Lessee/Assignor, to Lester Gebin, Assignee, TMK: 3<sup>rd</sup> Div/8-8-  
3 004:010, Lot 10, Papa Homesteads, Papa 1<sup>st</sup>, South Kona, Island of Hawaii  
4

5 Public testimony: None  
6

7 Motion to approve: Ley/Tanaka  
8

9 Vote: Approved, 8-0  
10

11  
12                   10. Request for Consent to Assignment of General Lease No. S-4822, Ted Scott  
13 Phillips, Lessee/Assignor, to Susan Christine Philips, Assignee, TMK: 3<sup>rd</sup> Div/1-  
14 5-116:059, Lot 32 Pahoia Agricultural Park, Phase II, Keonepoko Iki, Puna,  
15 Island of Hawaii  
16

17 Public Testimony: None  
18

19 Motion to Approve: Tanaka/Mina  
20

21 Vote: Approved, 8-0  
22

23  
24                   11. Request for Consent to Assignment of General Lease No. S-4855, Mountain  
25 Shore Farm LLC, Lessee/Assignor, to Zachariah Weimer, Assignee, TMK: 3<sup>rd</sup>  
26 Div/7-3-049:030, Lot 34, Keahole Agricultural Park, Kalaoa, North Kona, Island  
27 of Hawaii  
28

29 Public Testimony: None  
30

31 Motion to Approve: Ley/Cowell  
32

33 Vote: Approved, 8-0  
34

35  
36                   12. Request for Consent to Assignment of General Lease Nos. S-7000, S-7014, S-  
37 7015 and S-7016; Hawaii Beef Producers, LLC, Lessee/Assignor, to Hawaii Beef  
38 Lease, LLC, Assignee; TMK: 3<sup>rd</sup> Div/4-3-005:002; 3<sup>rd</sup> Div/4-3-005-002-5002; 3<sup>rd</sup>  
39 Div/4-3-005-002-5003 and 3<sup>rd</sup> Div/4-3-005-002-5004, Hamakua Agricultural Park,  
40 Pohakuhaku and Kemau 1<sup>st</sup>, Hamakua District, Island of Hawaii, Hawaii  
41

42 Public Testimony: None  
43

44 Motion to Approve: Ley/Mina  
45

46 Vote: Approved, 8-0  
47

13. Certification of Acreage Assessments for The Honokaa-Paauilo, Kahuku, Molokai, Waimanalo, and Waimea Irrigation Systems, 2021 Fiscal Year

Public testimony: None

Motion to approve: Mina/Cowell

Board Member Ley stated that the Co-op is paying assessments on vacant parcels and asked if there would be flexibility if they were trying to fill the parcels. Mr. Kau replied in the negative because the master lease is to the co-op and they need to find subtenants. He added that they are searching for tenants, but it is difficult as successors have moved to larger parcels or taken other vacant lands that are available. Board member Mina asked whether they have been networking through farm organizations. Mr. Kau was not aware but will pass on information to them.

Vote: Approved, 8-0

C. PLANT INDUSTRY DIVISION

Plant Quarantine Branch

1. Request to: (1) Allow the Importation of the Coronaviruses: Alphacoronavirus Strains NL63 and 229E, and Non-Select Agent Betacoronavirus Strains OC43 and HKU1, Viruses on the List of Restricted Microorganisms (Part A), for Laboratory Research by the University of Hawaii, by Emergency Permit;

(2) Establish Permit Conditions for Importation of the Coronaviruses: Alphacoronavirus Strains NL63 and 229E, and Non-Select Agent Betacoronavirus Strains OC43 and HKU1, Viruses on the List of Restricted Microorganisms (Part A) for Laboratory Research by the University of Hawaii;

(3) Allow the Importation of the Coronaviruses: SARS-CoV-2 Betacoronavirus Isolates USA-WA1/2020, Germany/BavPat1/2020, and USA CA3/2020, Viruses on the List of Restricted Microorganisms (Part A), for Laboratory Research by the University of Hawaii, by Emergency Permit; and

(4) Establish Permit Conditions for Importation of the Coronaviruses: SARS-CoV-2 Betacoronavirus Isolates USA-WA1/2020, Germany/BavPat1/2020, and USA CA3/2020, Viruses on the List of Restricted Microorganisms (Part A) for Laboratory Research by the University of Hawaii.

Public Testimony:

- Dr. Vivek N. Nerukar provided an update that on June 23, 2020, inspectors from the Department of Agriculture determined the biocontainment facility safe and fully functional. He also said that Tropical Medicine faculty have submitted \$5 million in grants which will be

1 lost if the importation is not approved. Mr. Leon-Guerrero confirmed inspection of the lab  
2 and noted that there were no major deficiencies in BSL3 and ABSL3.  
3

4 Testimony in support of importation of SARS-CoV-2:

- 5 • Lauren Ching, Graduate Student, UH
- 6 • Brent Fujimoto, post-doctoral researcher, provided written and oral testimony in support of  
7 the importation of SARS CoV2.
- 8 • Daniel Strange, Graduate Student, Ph.D. Candidate, JABSOM
- 9 • Richard Yanagihara, Professor of Pediatrics
- 10 • Dr. Pakieli Kaufusi, Biologist, Assistant Professor, Tropical Medicine, UH
- 11 • Rosanna Alegado submitted written testimony
- 12 • Dr. Elliot Parks, President and CEO of Hawaii Biotech submitted written testimony

13  
14 Chair summarized the 4 parts of the request.

15  
16 Motion to Accept Recommendation: Mina/Cowell

17  
18 Board Member Case wanted to understand the recommendation to disapprove items 3 and 4.  
19 Mr. Leon-Guerrero explained that Items 1 and 2 are lesser strains of coronavirus and Items 3  
20 and 4 are to bring in the COVID virus.

21  
22 Chair questions why items 1 and 2 are okay but not 3 and 4. Mr. Leon-Guerrero explained that  
23 the request was sent to the subcommittee and two experts, one current DOH employee and one  
24 former DOH employee recommended approval of only the lesser strains.

25  
26 Board member Comerford asked for an explanation of why experts do not want to have the  
27 CoV-2 virus that is here now and killing people. Board member Case asked when the review  
28 was conducted. Mr. Leon-Guerrero stated that the permit was done this month. The  
29 emergency procedure allowed the experts' recommendation to go to the board and did not  
30 require review by the Plant and Animal Advisory Committee.

31  
32 Mr. Jonathan Ho noted that there was concern about the permit conditions and the possibility  
33 that SARS CoV-2 would be deemed a Select Agent in the future. If deemed a Select Agent, UH  
34 would not be authorized to do select agent work. Board member Comerford added that a lab at  
35 a certain level would be needed to work on a select agent and did not agree with the arguments.  
36 Mr. Ho noted and stated that regardless of the recommendation, the Board can issue the permit.

37  
38 Board member Comerford asked if the board can vote for recommendations separately. Mr.  
39 Leon-Guerrero answered in the affirmative.

40  
41 Motion was amended to approve Items 1, 2, 3, and 4: Mina/Comerford

42  
43 Board member Hong asked to hear the JABSOM rebuttal for items 3 and 4. Dr. Yanagihara  
44 confirmed that CoV-2 was already in the islands. The request is to import reference strains of  
45 the virus that is already here.  
46

1 Dr. Nerukar added that they are working with the West Nile Virus, which is not occurring in  
2 Hawaii. COVID-19 is already in the islands and will be worked on in an equally safe  
3 environment and in a facility that is already approved. He stated that there is no one else in  
4 Hawaii doing the research because there are no other BSL3 research facilities. Chair  
5 questioned what would happen if isolates become select agents. Dr. Nerukar replied that if  
6 authorized by the CDC as a select agent, the virus would be destroyed. Mr. Leon-Guerrero  
7 stated that permit condition #10 includes that if deemed a select agent, the permit would be  
8 cancelled, and the virus would be destroyed.

9  
10 Board member Mina asked Dr. Nerukar to explain select agent. Dr. Nerukar replied that the  
11 federal government determines a select agent by 1) the mortality rate. SARS CoV-1 is a select  
12 agent. 2) effect on biodefense. The federal government restricts certain types of viruses to  
13 certain facilities so that they can be monitored. He also added that there are no animal  
14 experiments planned. Their focus would be on pathogenesis and vaccines.

15  
16 Axel Lehrer, Assistant Professor, Tropical Medicine, UH stated that dissenting reviewers while  
17 opposed to the importation, raised questions as to why the local strain could not be used. He  
18 said that reference strains are needed to compare results to results of literature.

19  
20 Vote: Approved 8-0 (Tanaka w/reservations)

21  
22  
23  
24 V. OLD BUSINESS

25 None

26  
27  
28 VI. NEW BUSINESS

29 None

30  
31  
32 VII. ADJOURNMENT OF REGULAR MEETING

33  
34 Meeting adjourned at 12:40 p.m.

35  
36 Respectfully submitted,

37  
38 

39  
40 Jan Ferrer  
41 Board Secretary