

COASTAL FUND AGENDA

Associated Students Tuesday, November 7, 2017, Nati Conference Room

CALL TO ORDER 6:04 PM by Tristen, minutes recorded by Hannah Bone

A. ATTENDANCE

Name	Note: absent (excused/not excused) arrived late (time) departed early (time)	Name	Note: absent (excused/not excused) arrived late (time) departed early (time)
Tristen Thron Chair	Present	Peter Min Outreach Coordinator	Present
Matias Eusterbrock Co-Chair	Present	An Nguyen Outreach Coordinator	Present
Aral Greene Undergraduate Rep	Present	Peter Min Outreach Coordinator	Present
Jordan Gallagher Undergraduate Rep	Present	Rebecca Nishide Administrative Assist	Present
Esha Suri Undergraduate Rep	Present	Hannah Bone Administrative Assist	Present
Alana Ayasse Graduate Student Rep	Present	Senate Liaison	
Courtney Thomas Graduate Student Rep	Present	Sarah Siedschlag Advisor	Present

B. COMMITTEE BUSINESS

1. Approval of Attendance and Proxies

MOTION/SECOND: Tristen/Jordan Motion language: Motion to approve attendance and proxies ACTION: Consent Additional approval required: YES (Senate)

2. Approval of Minutes MOTION/SECOND: Tristen /Alana Motion language: Motion to approve the minutes from last week ACTION: Consent Additional approval required: YES (Senate)

C. PUBLIC FORUM

Esha would like to talk about progress reports if time permits

D. REPORTS

- 1. Advisor Report: Siedschlag
 - Would like people to attend Nature Center Opening
 - Oxnard power plant being recommended for rejection, vote on monday
 - •

2. Chair Report: Thron

-Staff time "break down"

- RSVP by the 9th for COPR Nature Center Inauguration (RSVP Link)

- 3. Senate Report
- 4. Administrative Report: Nishide
 - forwarded emails
- 5. Coastal Service Program Report: Bone
 - i. No report

6. Outreach and Education Report: Min & Nguyen

- letter of support for UC renewable energy goals
 - clear commitment to 100% renewable energy no later than 2050
 - commitment to 100% renewable electricity no later than 2030
 - Sarah says this is weaker than current goals, which is renewable electricity by 2025, defines energy as natural gas, transportation of campus fleet, electricity, etc
 - EAB opted not to sign
- board does not want to sign
- any ideas for Fall 2015 featured report?
 - no suggestions yet
 - no deadline but want as soon as possible
 - Last year we did Kids in Nature
 - Golf course to wetlands film ?
 - everyone agrees

7. Sub-Committee Reports

- i. Jordan- Talking to assistant DSL; Potentially creating one big grant and one small one→ to potentially allow for more people to get involved
 - 1. Could decide to fund more than just one student if there is multiple qualified applicants who we believe deserve it

- 2. But also it is our first attempt at this, so maybe just see how one would go (Courtney)
- 3. Put it right on the website so people can see it when they apply
- ii. Esha can see how application process goes and then figure out exact money rewards later
- iii.

E. AGENDA

1. Approval of Agenda/Additions to Agenda

MOTION/SECOND: Tristen/Courtney Motion language: Motion to approve the agenda and the additions ACTION: Consent Additional approval required: YES (Senate)

F. OLD BUSINESS

1. (item)

MOTION/SECOND: (name)/(name) Motion language: ACTION: Consent Additional approval required: YES (Senate)

G. NEW BUSINESS

- 1. (item) *MOTION/SECOND: (name)/(name) Motion language: ACTION: Consent Additional approval required: YES (Senate)*
- 2. (item) *MOTION/SECOND: (name)/(name) Motion language: ACTION: Consent Additional approval required: YES (Senate)*

H. DISCUSSION

- 1. Your childrens trees FALL 17-09
 - i. Tristen- talked to person at CCBER but had no definitive answer because they do not work on that project, but does seem odd to be going forward with the trees so soon but they didn't have concrete evidence

- ii. Alana- Couldn't answer the question about the likelihood of trees surviving, but learned that anything happening in North Campus Open space went through pretty rigorous planning process (a lot went into this) so nothing is gonna happen out there that isn't in accordance with that plan that went through rigorous scientific review and planning (What Dr. King believes is the case)
- iii. Aral- Talked to another professor who said that if you don't grow anything you're not gonna get anything growing there, but if there's not stuff planted around there the seeds will not survive without any other growth and development around them "it would be an interesting experiment"- professor
 - 1. Unclear if anyone else is growing trees there right now
 - 2. Took down some trees but kept them so they are gonna put them back on as woody material or benches
- iv. Jordan- How crucial these funds are to the greater success of the whole project?
- v. For 250 trees at north campus
- vi. CCBER has asked other nurseries around SB to help with growing things, they had plan to contract out growing
- vii. In application YCT volunteered to take on this aspect of the plan
- viii. Esha- will the resources be put to good use?
- ix. Application makes it sound like CCBER is responsible for it so maybe they are offering more direction to YCT, but this is such a big project it must be pretty highly managed
- x. Interns work on saturdays for 3 hr shifts but also get volunteers who are overseen by the intern workers
- xi. Do you guys think the project could succeed with less interns?
 - 1. Board members expense could be the first thing to be cut
- xii. Have enough information now to table the discussion for when we are making final decisions
- 2. Checkup
- Esha: two weeks ago brought up budget and want to talk about the \$193,000 in leftover funds; also checking in on projects so if we could figure out a system to better check up on projects in a way that we can see more trends about how projects are going/actually see them
 - 1. High turnover rate on this board so it would be difficult to coordinate and easy to forget
 - 2. focus by expertise, make teams to have more valuable observations
 - 3. Keep it limited to projects approved in the quarter before
 - 4. Looking for suggestions and if we think it will be valuable
 - 5. 5/7 board members will graduate and some of the projects we see start up in spring and it might be difficult to assign liaisons as they will graduate→ will not work to tell the applicant to work with a specific member as they may or may not still be around
 - 6. Need to develop a framework that allows for turnover

- ii. Lack of accessibility for the conversations we've had about final reports, not really a way for future board members to see what that was so we should try and figure this out
 - 1. How often do we do retreats?
 - a. Often done 2 a year
 - b. Maybe add that into retreat to pass on
 - c. Tried to highlight various things that can become issues or have been issues
 - d. On the google doc maybe make a folder/file about certain orgs that apply consistently→ keep a running conversation about reports
- iii. Overall: Pick a subcommittee and decide on a better system with the following goals (Project Review Committee)
 - 1. Checking up on projects
 - 2. Making sure the info we find in check ups is filed in an accessible way
- 3. Happy birthday Courtney 👑 !!! :)
- 4. Final Reports Discussion
 - i. SPRING 16-05: Fairview Gardens- Courtney
 - 1. They have not turned in a final report, project was delayed because they changed farm managers in the middle of the season which is why they had a late finish
 - 2. Summer of 2016, 4 internships at Fairview Gardens
 - 3. two interns completed their internships but then two were still finishing up and we're gonna do it during winter 2017
 - 4. Pretty sparse project report, not a lot of info on what the interns had done
 - ii. FALL 16-17: Fairview Gardens- Tristen
 - 1. Farming internships
 - 2. Previous boards have really liked Fairview Gardens but is not super relevant to CF mission statement and on our last grant we told them we wouldn't be funding them anymore
 - 3. The interns projects aren't really coastal oriented→ phasing out Fairviews ties with CF (like one internship was painting a mural)
 - 4. Continue to support our stance on phasing them out
 - iii. FALL 15-07: Dr Frank GHG Emissions Project-Alana
 - 1. greenhouse gas emissions from coastal wetlands
 - 2. 12 months of soil and air samples- time intensive work
 - 3. Some results he got were that marsh uplands have the highest CO2 flux and salt flats have lowest CO2 flux→ He got results
 - 4. Had an undergrad he trained so overall successful grant
 - iv. IV Parks Department: Adopt a block- Matias
 - 1. 8.5 lbs/ hour
 - 2. funded an extra day of work, important because people who work and go to school can attend. Now one of their busiest days
 - 3. working on getting research done
 - 4. working with magic lantern and movie in the parks to up outreach

- 5. Intern (one of the things we funded) who researched and applied for grants, data collection, and other researching
- 6. Seems like it went relatively well and they did what they said they were gonna do with the money they requested
- 7. Letter asking for funding to continue what they are doing and maybe asking a group on campus to match funding (Letter started by Esha on Monday)

I. PROJECT REVIEW

Project Title: FALL 17-15: Reef Check California Sponsoring Organization: Reef Check Foundation Presenter Name: Jan Freiwald

Summary: Reef Check California (RCCA) is a community-based monitoring program dedicated to conserving California's rocky reef ecosystem. At UCSB, RCCA trains students in reef monitoring protocols. Students then participate in RCCA's annual surveys along the Santa Barbara coast and Channel Islands. The students' data are used by the Ocean Protection Council (OPC), the Department of Fish and Wildlife and by leading marine scientists to inform the management of marine protected areas in southern California. Funds will support interns, scuba instructor and survey costs, providing UCSB students with increased opportunities for immersion learning, field experience, and active engagement in the marine management processes in California.

Courtney worked with Reef Check and Jan as a side project this summer, no future interest

Jordan is Reef Check certified

Presentation Notes:

- Selena McMillan is presenting. Regional Manager for SoCal Reef Check CA
- Wanted to work in more applied science, approached Reef Check to make position more academic
- Has been adding sites
- Been working with PSCO about US opportunities
- Reef check trains volunteer divers to become citizen scientists to take data up and down the coast of california and Oregon and look at the differences between MPA
 - Monitor reefs and kelp forests over time, important because of climate change
- Getting involved with a bunch of different agencies
 - Climate change monitoring
 - Arrays to do pH, etc
- First time Reef Check manager has been living in CA
 - Chose to live here because of collaborations with UCSB, Kessel and Love researchers
 - This is how she got started this is important because it will help students love Marine Biology like her
 - Context, experience, opportunity

- Can start collaborating more closely with UCSB
 - In Kessel Lab
- Want to keep expanding that program and putting in more sites along the coast of SB but also be more involved in the SB community through outreach and bridging the gaps between UCSB and the community and the divers
- 3 days about 8-9 channel island sites done, more than ever lot of UCSB grads participated
 Funding to continue growing because long term monitoring is important
- Had the longest monitoring data set for Refugio, so their data was used after the oil spill
- Insisted that this year we add another intern to help with volunteer coordination and be reef check certified to come out on dives with us (for both undergraduates and graduates)
- Students from all over SoCal have been great volunteers

Board Questions:

- What other applications has this data been used for, besides the oil spill?
 - Currently most important application is MPA evaluation, given task of doing monitoring in oregon as well. Important for it to belong term and continuous so data is available for different kinds of analysis. All sorts of projects
 - Ecology paper by Darren Johnson looking at black surfperch
 - Jake Kessel doing post doc with data
 - Data is public and used for other papers
- How do you guys address the issue of quality of data when using citizen scientists?
 - Done comparisons between university trained divers and our divers and there was no differences
 - These people are not "regular joes", they are hard core divers who have been doing it for years; people are typically more skilled and more serious
 - Our training is more rigorous and can essentially work to weed out people who are not serious
 - We check them out on each and every transect they collect data; data must match instructors in order for them to use the data
 - Very rigorously checks data because good data is important and papers are written, decisions made on this data
- How many sites and dives will happen this year through this project? Is it over specific sites or just SoCal-SB?
 - Cannot answer how many dives
 - Sites: there are over 90 and 50 in SoCal
 - Money in budget is just for SB area. However eric and Avery are thinking about making REEF more robust, going to catalina for training
 - Money in budget is for outreach, training, monitoring
 - SB sites: Refugio, 8 channel island sites
 - Going to go check out Deer Creek
 - Wants to expand what they are doing in SB, more sites and more divers
- How many times is each site sampled
 - Once a year same time every year

- Spring and fall Refugio and Casino Point
- Two sites in MPA and two outside
- Collection subject to change based on research needs
- PSCO has done an identical trip up during the summer, and this project will be collaborating with them, so how does this project differ?
 - Will fill in gaps- sites that PISCO does not do, continue to do same sites that have been done in past 11 years, sites that PISCO no longer monitors
 - Similar data set but different, bit of redundancy, data is a bit different
 - Both sets are valuable- PISCO is not public
- SBCLTR (?) does some of these same sites, any intention to share data or collaborate?
 - Talked to Dave Kushner, excited about local aspect, want to get together to look over data
 - Intention behind position was to discuss data and grow program collaboration
- About outreach for finding the intern, are there costs that volunteers need to pay to be apart of the program?
 - AUS UCSB students- training for reef-check is free
 - \$250 for non-AUS students: 2 full 8 hour days for lectures and visits to aquarium; another 2 full overnight trips up to 3 dives a day
- Outreach plans: through AUS (Eric, Avery, and me talking to dive club)
- Community outreach will be talking to dive clubs and then word of mouth (facebook, twitter, instagram, tabling at any event that has to do with diving)

Board Goes into Closed Discussion

MOTION/SECOND: Tristen/Courtney Motion language: motion to table FALL 17-15 with intent to fund in full ACTION: Consent Additional approval required: YES (Senate)

Project Title: FALL 17-16: From soil to sea: understanding invasive Arundo donax from establishment to decompostion

Sponsoring Organization: UCSB ERI

Presenter Name: Kelsey Dowdy

Summary: The invasive reed Arundo donax displaces native riparian flora, and its success as an invasive species is largely dependent upon the degradation of landscapes. Little is known, however, about the land management methods that alter its successful establishment. While the effects of Arundo on native flora and fauna are well studied, its impact on downstream ecosystems remains unknown. Arundo is the target of many restoration efforts, but with limited success; perhaps understanding these key factors would improve efforts. We propose a holistic approach to understanding Arundo, using a biogeochemical lens to investigate its establishment and decomposition. We will study (1) the effect of farm runoff (conventional vs. organic) on Arundo's establishment, and (2) Arundo's effects on aquatic and marine microbial cycling through litter and soil inputs. Together,

this data will inform restoration efforts and clarify unknown consequences of invasion.

Aral and Mattias are good friends with Kelsey's Intern Max (intern being funded). Aral works in Kelsey's lab. They will both recuse themselves. Esha and Jordan know Max but is comfortable being present and impartial.

Presentation Notes:

- Idea is take holistic approach to invasive species that looks like bamboo and is in pretty much every watershed around here→ point of contention in the water community because has displaced a lot of other species so a lot of restoration projects surrounding it
 - Highly flammable, rivers can burn
- Generally studied more on a biological perspective (terrestrial viewpoint) but it hasn't been studied how it affects the water body or how it affects ocean export
 - Forms base of aquatic food webs
 - Arundo can displace really well and we don't really know what it can do
- C and N (dissolved) available to microbes is far higher quantities in arundo than native species→ more food but less organisms eating it
- Effect on top of food web is unclear, what will make it to ocean is unclear,
- Looking at various areas that are canvases for Arundo to take over,
 - Has spots to look at
- Interested in preventative restoration, looking to less herbicides, see effect of decomposition on land
- Conservation priority to remove arundo but the way we do it is not as environmentally sound as we want it to be
- From the establishment side, we are going to do a greenhouse experiment where we simulate runoff affecting seeds and soil/see how well different species prevail with different nitrogen contents
- Looking into fertilizer options, organic certification is hard to get
- Looking to answer the question "Can we do preventative restoration" and then following the picture into the watershed→ once it has established how it degrades into rivers/oceans
- Will involve another undergrad with lab experiment
- Is it microbial that comes with arundo or vice versa
- See how microorganisms break down as opposed to willow willow is most dominant
 - Will be done in lab using samples from three agricultural watersheds, three creek samples
- Subsample experiment throughout and sample water, see if organic compounds can be traced in the river itself
 - Hypothesis that arundo will be in river and in ocean because it is so hard to break down
 - Find compound that can label arundo
- Carbon sequestration
- Linked to economic issues with fishing
- Going to do this research by bicycle so studying carbon without using carbon
 - Most effective way to spread awareness and collect samples
- Want to empower people on campus through knowledge and involvement (outreach)

Board Questions:

- So is this the first time that this sort of research has been done on Arundo?
 - This is the first time arundo has been studied in watersheds as far as she knows
 - Bulk C and N, erosion has been studied
- Regarding the first experiment, what is your hypotheses and mechanistic theory behind your approach?
 - Hypothesis: arundo success of establishment will be lower with organic fertilizer than with traditional runoff.
 - Does better with high nitrogen level so more organic farms will use nitrate and be more effective
- Looking at both arundo and willow, but there is a ot of different factors that makes them invasive- are you afraid in setting up the experiment you will be neglecting the inherent properties of the plant?
 - There are a lot of variables going into plants spreading but doing a simpler approach will gives us a more realistic way to looking at arundo and the way its spread
 - Totally possible we will find there is no difference and it's a question that needs to be answered because it would be so simple if it did work out
 - Relatively simple project to do in terms of effort and money, one of those simple things that people neglect but it would be interesting to learn
 - Wants alternatives to traditional restoration
- The solid phase extraction cartridges... large portion of budget so what are those used for?
 - Used for technique that is somewhat difficult to describe and perform
 - Organic tracers through the river→ cartridges will be used to see if arundo actually degrades at all through the watershed and maybe it is just in the soil where it can't be degraded
 - FTIRC mass spits out all organic compounds in a sample → look for consistency in arundo and not willow; it's not simple but it's not a grandiose experiment
- What are you hypothesizing what is happening when it reaches the ocean?
 - No simple answer because it is hugely complex
 - Connection point between streams and ocean is a beautiful grey area and so information found will be taken to marine ecologists to try and answer the question about what happens when it reaches the ocean
 - Potential for other projects to be built off of this one
 - Shifting a whole terrestrial food source must have an effect on food webs
- Travel for chemical analysis, what is that?
 - FTIRC machine is located in Florida because they are pretty hard to come by so they would have to travel to it
- Is this part of your dissertation or a side project?
 - Part of dissertation
- •

Board goes into closed discussion

MOTION/SECOND: Tristen/Courtney Motion language: motion to table Fall 17-16 with intent to fund in full

ACTION: Consent Additional approval required: YES (Senate)

Project Title: FALL 17-17 Coastal Ecology Literacy for Early Childhood Education

Sponsoring Organization: UCSB Early Childhood Care

Presenter Name: Annette Muse/Jolie Colby

Summary: The Project combines environmental education efforts and best sustainability practices, to support the preservation, protection and enhancement of the terrestrial and marine habitats associated with the shoreline of Coal Oil Point Natural Reserve. The level of support for early childhood environmental education is growing. More individuals and organizations are realizing the importance of developing sustainability programs and initiatives that specifically target the early childhood sector, as a long term strategy for environmental health.

Sarah has been an advisor for a project that this project is a spin off of.

Presentation Notes:

- Director of Children's Center applying for grant but the intern who wrote the grant was unavailable tonight
- Kids at the centers range from 3 months-5 years (211 kids per day/ approx 400 per year)
- Our primary center is on west campus and secondary center is located in SRB
- For the past 2.5 years, we've been working towards bringing children into nature and providing education for children to become stewards in the environment
 - Noticed that our teachers had no background in environmental information
- So we received a Jack Johnson grant and started a new partnership to get the kids involved in gardening (Jolie's job)
- Collaborated with various people and are now working on the second layer to continue the garden piece and working on "the greening of children's centers"
 - Had a lot of plastic usage and lacked recycling
- Are currently working on creating a sustainability plan to change their practices
 - Composting, worms in garden
 - Working on educating teachers and working with families/parents to encourage them to make similar changes at home
- Student farm is going in adjacent to children's center
- Pull from Grad student interns, wish to continue education
 - Wish to put new piece in for marine education
- Want to hire an outdoor environmental education coordinator (possibly graduate student intern) and also form collaborations with Bren and bring in interns and offer stipends
 - Get a good team of people to work with our teachers and create curriculum for the children
- Big right now on reducing waste, energy usage, and water usage.
- Another aspect of the grant request is hydration stations
- Interested in extending this project into the families and get the parents involved by starting a program

- Because of our location out on west campus, we can get ourselves involved in tidepools and plovers
 - Learned a lot about plovers as well and the kids had a great time seeing and learning about that

Board Questions:

Board Discussion:

MOTION/SECOND: Tristen/Jordan

Motion language: motion to table FALL 17-17 with intent to cut water filter and possible cuts to curriculum materials and possible cuts to other line items ACTION: Consent Additional approval required: YES (Senate)

Project Title: Waste Recycling Incentive Program Sponsoring Organization: Isla Vista Chapter of the Surfrider Foundation Presenter Name: Mariell Jaeney Sabado Summary: I am requesting funds on behalf of Isla Vista Surfrider to create a cigarette waste recycling program in the University of California, Santa Barbara and Isla Vista community. This program will focus on collecting toxic waste from our beach community and shipping waste through TerraCycle to their recycling facility. We are asking for funds mainly to pay for cigarette collection supplies and receptacles, outreach and advertising materials, and participant compensation.

Project Title: FALL 17-18 Waste Recycling Incentive Program Sponsoring Organization: Isla Vista Chapter of the Surfrider Foundation Presenter Name: Erin Summary: I am requesting funds on behalf of Isla Vista Surfrider to create a cigarette waste recycling program in the University of California, Santa Barbara and Isla Vista community. This program will focus on collecting toxic waste from our beach community and shipping waste through TerraCycle to their recycling facility. We are asking for funds mainly to pay for cigarette collection supplies and receptacles, outreach and advertising materials, and participant compensation.

Jordan lives with presenter, will recuse himself completely

Presentation Notes:

- Presenter: Erin representing surfrider
- Working on a cigarette butt solution for the past few years
 - Puts up receptacles for butts but they were removed from campus
 - Send to terracycle
- Cigarette butts are plastic and toxic
- LC50 is 1 in a liter; very deadly stuff → huge problem locally but also all over the world
- 1.5 trillion individual butts, 760 tons of toxic waste, gets into water, soil, up food web

- Wants to create incentive program that allows people to be conscious about the receptacles they're using and want to be active in community service and be mindful
- Devised steps to success
 - \circ First, set up collection sites \rightarrow two bins: one with supplies and one with butts
 - Second, surfrider intern comes and weighs it out and puts it on a computer
 - Third, put waste in cardboard boxes
 - Repeat
- Want to pay people \$50/pound to people who pick up from the community
- 2. Advertise the project: stickers, events, concerts, door-to-door etc.
- 3. Distribute receptacles and knowledge \rightarrow important to know about peoples waste
 - Surfrider will come collect full receptacles
- 4. Collect waste and data
 - Take from home, weigh and write it down
- 5. Community collection events
 - Surfrider, adopt-a-block, etc.
- 6. Pay the people
 - Plan is total at end of month, agree on price per ounce,
 - With the 50/lb, its something like 2 cents per cigarette butt
- 7. Send waste to terracycle who will send it to Santa Fe recycling center
 - Cellulose acetate to pellets for manufacturing
- Collection bin on 68 and adopt a block headquarters
 - Focusing on the coastal areas
 - Want receptacles at benches on campus
 - On campus, ideal for a bin but will talk to smoke-free UCSB
- There is a lot of room for collaboration
 - This project would work really well if all hands are on deck

Board Questions:

- If you could speak more logistically about how you plan to pay the people?
 - Going to have to have a meeting with OSL to talk about this in depth because typically funds are just reimbursed
 - What were asking OSL is to give us a chunk of money to distribute to the people and then creating a kind of spreadsheet on what they spent
 - Need to have an understanding about how much money they will need and that is hard to predict
- How did you come up with the dollar amount?
 - We didn't survey
 - Had a discussion within surfrider and they thought this was they thought would catch the most attention
 - Need to do some calculating with adopt-a block and Ray
 - We are flexible but we want to keep it flashy
 - If funds do run out, surfrider is very flexible and we can switch it up and provide other incentives like raffles, etc.
 - 40 lbs equal to \$2000, can still incentivize with stuff after, 40 lbs is a lot not sure that they will research that

- What has been the success of other surfrider cigarette butt waste reduction programs
 - Adopt a block had a grant last summer → voting cigarette containers that was pretty successful but people ripped them out of the ground and stole them so they are working on a better way to go about that
 - Surfrider has a campaign "hold on to your butt" that is focused on educating people about waste
 - Unsure about the success of this in IV but it appears that it hasn't really worked
 - People just throw away the portable ashtrays
 - Does a good job in other chapters, but hasn't worked in IV
 - San Francisco did good job, surfrider chapter aided with collaboration collecting data, cost them 7 billion dollars to clean up cigarette waste. SF now has \$.20 tax on cigarette packs for clean up cost

Board goes into closed discussion

MOTION/SECOND: Tristen/Courtney Motion language: Motion to table discussion of FALL 17-18 with intent to not fund ACTION: Consent Additional approval required: YES (Senate)

ADJOURNMENT AT (time)

MOTION/SECOND: Tristen/Jordan Motion language: motion to adjourn the meeting at 9:33 ACTION: Consent Additional approval required: NO