

AGENDA
DEL MAR SAN DIEGUITO LAGOON COMMITTEE
June 19, 2019, 6:00 PM

City of Del Mar Breezeway Conference Room, 1050 Camino del Mar
Chair: Ellen Breen, Vice-Chair: Randee Warren, Secretary: Karen Lare
City Council Liaison: Ellie Haviland and Dwight Worden

Civility Works: The Del Mar Code of Civil Discourse: Together we will promote inclusion; listen to understand; show respect; be clear and fair; and focus on the issue.

I. CALL TO ORDER/ROLL CALL

II. ANNOUNCEMENTS AND PRESENTATIONS

III. PUBLIC COMMENT: Anyone may address the Lagoon Committee for three minutes on any items listed on the agenda. If there are several speakers on an item, your time available to speak may be limited to two minutes. When the Committee Chairperson recognizes you, please step forward and state your name and address clearly for the record. The Committee may ask questions of you. For items not on the agenda, please indicate you would like to speak during Oral Communications.

IV. ORAL COMMUNICATIONS (Non-action item): State law precludes the Committee from acting on any topic which is not an action item on the posted agenda. Your information may be received, placed on the next agenda, or referred to the Committee Chairperson.

V. APPROVAL OF MINUTES for May 15, 2019

VI. CITY COUNCIL LIAISON REPORT: (Ellie, Dwight)

VII. APPROVAL OF SUMMARY REPORTS

VIII. REPORTS FROM OTHER AGENCIES:

1. **Joint Powers Authority** (Carol, Randee)
2. **Citizens Advisory Committee** (Carol, Randee)
3. **City of Del Mar** (Calendars: Council, DRB, PC) (Ellen)
4. **Coastkeeper** (Treatment Ponds) (Ellen)
5. **W-19 Restoration Project** (Randee)
6. **NCTD & City of Del Mar** (Railroad & Hwy 101 Bridges) (Carol)

7. **SANDAG** (Double Track) (Randee)

8. **CDFW** (Basin Water Quality) (Ellen)

9. **Del Mar Resort** (Karen)

IX. SUB-COMMITTEE REPORTS:

1. **Education/Events** (Lagoon Day) (Randee/Karen/Lee/Julie)

2. **Trails** (Trails Maintenance Status/Crest Canyon Extension) (Lee)

3. **Website** (Terry)

X. NEW BUSINESS:

1. Presentation by Linda Culp

XI. OTHER BUSINESS (Non-action item): Discussion items not on agenda/items for next agenda.

2. Samantha Murray, California Fish and Game Commission will present in July

XII. ADJOURNMENT

DEL MAR SAN DIEGUITO LAGOON COMMITTEE DRAFT MINUTES

May 15, 2019, 6:00 PM

City of Del Mar Breezeway Conference Room, 1050 Camino del Mar

Chair: Ellen Breen, Vice-Chair: Randee Warren, Secretary: Karen Lare

City Council Liaison: Ellie Haviland and Dwight Worden (Dwight joined for the presentation)

I. CALL TO ORDER/ROLL CALL

Attendees: Ellen Breen, Randee Warren, Lee Haydu, Julie Kawasaki, Karen Lare

Visitors / Guests: Mathew Costa, Justin Daniel (Kewit Company) Bill Michalsky, Jacquelyn Winter

II. ANNOUNCEMENTS AND PRESENTATIONS

See new business below for notes on Blue Carbon Presentation

III. PUBLIC COMMENT

IV. ORAL COMMUNICATIONS

V. APPROVAL OF MINUTES for March 20, 2019

Ellen noted one misspelling but motioned to approve the minutes from March 20, 2019 and Randee seconds the motion. All approved.

VI. CITY COUNCIL LIAISON REPORT: (Ellie, Dwight)

The bike share program was approved. It is targeted to start after the fair begins but before the Race Track Season kicks off. The plan is for all cities (up to and including Camp Pendleton) to ultimately participate in the program but initially it will be Del Mar, Solana Beach, Encinitas and a few others. It is a one-year pilot program.

VII. APPROVAL OF SUMMARY REPORTS

Going forward the summary reports will become part of the minutes for each meeting and they will not be sent ahead of time. The group will review them together during the meeting as we have been doing and discuss any anomalies.

VIII. REPORTS FROM OTHER AGENCIES:

1. Joint Powers Authority (Carol, Randee) - The JPA meets this coming Friday so they will report out at the next meeting.
2. Citizens Advisory Committee (Carol, Randee) - the CAC is having an event in the near future that will be out at the Sykes Adobe to commemorate 30 years of work. It will include

fun races, booths, beer and food. The date is June 9th 2019. If you plan to attend you will want to get there early to get a table set up for the Lagoon Committee.

3. City of Del Mar (Calendars: Council, DRB, PC) (Ellen)

4. Coastkeeper (Treatment Ponds) (Ellen)

5. W-19 Restoration Project (Ranee) - Bill, Ranee, Carol and Ellen attended the workshop this year on the status of the on-going mitigation. They did not meet their requirements again this year (again). The issue has to do with the plants and invertebrate species numbers not being where they need to be. They are trying a few new processes to see if they will help improve the outcomes. Vegetation and algae are the issue. The other requirements are being met (the numbers of fish and birds)

6. NCTD & City of Del Mar (Railroad & Hwy 101 Bridges) (Carol)

7. SANDAG (Double Track) (Ranee)

8. CDFW (Basin Water Quality) (Ellen)

9. Del Mar Resort (Karen)

IX. SUB-COMMITTEE REPORTS:

Education/Events (Lagoon Day) (Ranee/Karen/Lee/Julie) a small group met and discussed options that could be done to bring awareness and education. Ideas were:

1. A hike of members and past members of the committee
2. Painting classes at the Bird Wing
3. Sept 22nd Music Wine and Sunset at the Bird Wing
4. Geocaching - get some UCSD grad students to help support
5. Talks at the Library - bluff erosion with an expert speaker
6. Writing an article for the Sand Piper about the Lagoon
7. Present to the City Council what the Lagoon Committee is up to

After discussion it was agreed that the group would continue to flush out the ideas and timing of each.

2. Trails (Trails Maintenance Status/Crest Canyon Extension) (Lee)

Do we know when or if the City of San Diego plans to fix the sinkhole on the Crest Trail? Ellie agreed to check with the city and see if she could get an update.

3. Website (Terry)

X. NEW BUSINESS:

1. Appoint a Secretary

Ellen suggested that we nominate an official secretary for the committee. All agreed. Ellen nominated Karen Lare, Randee seconded it and all agreed.

2. Presentation on Blue Carbon

Matthew T. Costa and James Leichter from the Scripps Institution of Oceanography talked to us about their research into "blue carbon" ecosystems.

Matthew presented on the work he has been doing as a Graduate Student - most of his work is in Southern Baja. The Aburto Lab is where he does this work. Blue Carbon is defined as carbon stored in a coastal ecosystem. Matthew has been sampling the carbon in several different coastal ecosystems and determining how much there is in each of them and where it occurs.

Blue Carbon is composed of dead plants and leaf matter. He showed us charts of how the cycle works and what the primary players are in the process.

Preservation and restoration are very different unless you are restoring a previous blue carbon site. Preservation is very helpful in keeping it (carbon) in the ground versus allowing it to go back to the atmosphere. In addition to trapping carbon the ecosystems also help to support many other things like erosion control, limit storm damage, water purity, etc.

The buildup of the plant matter in these ecosystems has been historically keeping up with sea level rise over time. This leads to questions of what will happen as the sea level rises faster than it has historically. What will the impact be on these ecosystems?

1% of the worlds salt marshes are lost every year.

It is his opinion that there is no place on earth that is not impacted by climate change.

There is a program through the state that would give payment to organizations that restore wetlands to store carbon. Basically one car's omissions is covered by one acre of the marshland. There is a link to a calculator that will tell us what we might have potential for.

Has there been any coring done in our marshes? He is not aware of any that has been done. Ellen asked if the data will go into a data base? Yes that is the long term plan and at this time there is not a lot of data in the database but we could get access to what is there.

There is a report about lessons learned by restoration of wetlands. He is willing to get us a copy of it.

Dwight asked "does a large flood event release carbon or is it adapted to this?"

This question led to some good discussion and questions for the Lagoon Committee about what we could do to utilize this data and information and what actions would this lead to for us to take?

- Additional acreage that could be restored
- Updating the CEQA guidelines to include the blue carbon principal (take blue carbon into account)

- Partner with a group of scientists to do a study on our lagoon
- Work with the utilities to have them incorporate blue carbon into their studies (SoCaEdison)
- Check out the potential grants available related to blue carbon and wetland ecosystems
- Pass this information along to the sustainability committee
- Use this information as part of the report out to the City Council
- Invite Sara Giddings to speak to the committee on her work about sands (she was an advisor to the sea level rise committee)
- The World Love your wetlands day is February 2, we should look into this. Kendal Marsh Frost Lagoon is opened up once a year for this event.

Bottom line “there is a lot of carbon storage in these ecosystems stop destroying them!”

XI. OTHER BUSINESS (Non-action item): Discussion items not on agenda/items for next agenda.

1. Linda Culp will present to the committee in June
2. Samantha Murray, California Fish and Game Commission will present to the committee in July
3. Dwight Worden to present on Olivenhain well water issue in one of the upcoming meetings

XII. ADJOURNMENT at 7:30