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NATURAL AND CULTURAL RESOURCES COMMITTEE

November 15, 2017

12:30 p.m.

**EBRPD – Peralta Oaks Headquarters
2950 Peralta Oaks Court
Oakland, CA 94605**

The following agenda items are listed for Committee consideration. In accordance with the Board Operating Guidelines, no official action of the Board will be taken at this meeting; rather, the Committee's purpose shall be to review the listed items and to consider developing recommendations to the Board of Directors.

A copy of the background materials concerning these agenda items, including any material that may have been submitted less than 72 hours before the meeting, is available for inspection on the District's website (www.ebparks.org), the Headquarters reception desk, and at the meeting.

Public Comment on Agenda Items

If you wish to testify on an item on the agenda, please complete a speaker's form and submit it to the recording secretary. Your name will be called when the item is announced for discussion.

Accommodations and Access

District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed for you to participate, please contact the Clerk of the Board at 510-544-2020 as soon as possible, but preferably at least three working days prior to the meeting.

AGENDA

<u>TIME</u>	<u>ITEM</u>	<u>STATUS</u>	<u>STAFF</u>
12:30 PM	1. EBRPD Paleontological Database Project Phase II: Paleontological Evaluation of Parklands	I	Ortiz/Poust
1:00 PM	2. Overview of Aquatic Breeding Amphibians in the East Bay Regional Park District	I	Bobzien
1:30 PM	3. Cyanobacteria Treatment in Lake Temescal and Lake Anza	I	Tuden
2:00 PM	4. Future Agenda Items	I	Nisbet/Graul
2:15 PM	5. Open Forum for Public Comment <i>Individuals wishing to address the Committee on a topic not on the agenda may do so by completing a speaker's form and submitting it to the recording secretary.</i>	D	Dir. Rosario

(R) Recommendation for Future Board Consideration
(I) Information
(D) Discussion

Natural and Cultural Resources Committee Members

Dee Rosario (Chair), Whitney Dotson, Beverly Lane, Ellen Corbett (Alt.)
Bob Nisbet, Staff Coordinator

Board of Directors

Beverly Lane President Ward 6	Dennis Waespi Vice-President Ward 3	Ayn Wieskamp Treasurer Ward 5	Ellen Corbett Secretary Ward 4	Whitney Dotson Ward 1	Dee Rosario Ward 2	Colin Coffey Ward 7	Robert E. Doyle General Manager
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AGENDA SUMMARY

1. EBRPD Paleontological Database Project Phase II: Paleontological Evaluation of Parklands (Ortiz/Poust)

Beverly Ortiz, Cultural Services Coordinator and Ashley Poust, UC Berkeley Ph.D. Candidate will summarize the goals and outcomes of the 2017 Phase II EBRPD Paleontological Database Project, a joint project of EBRPD and the University of California Museum of Paleontology. The presentation will include: (1) Identification of paleontological resource locales and types; (2) Overview of the uniqueness of EBPRD fossils; (3) Educational potential of parkland paleontological resources; (4) Management issues associated with the protection from vandalism and misuse of paleontological resources.

2. Overview of Aquatic Breeding Amphibians in the East Bay Regional Park District (Bobzien)

Steven Bobzien, Ecological Services Coordinator, will provide an overview on aquatic breeding amphibians and the beneficial application of this research as it pertains to regulatory permitting and natural resource management throughout the East Bay Regional Park District. For two decades, Stewardship staff, University scientists, and other agency biologists, have been conducting research on the seven aquatic breeding amphibians which are supported by District lands. These aquatic breeding amphibians include California newt (*Taricha torosa*), rough skin newt (*Taricha granulosa*), California tiger salamander (*Ambystoma californiense*), Western toad (*Anaxyrus boreas*), Pacific treefrog (*Pseudacris regilla*), California red-legged frog (*Rana draytonii*) and foothill yellow-legged frog (*Rana boylei*). The focus of this research has been to collect data on a variety of abiotic and biotic factors to evaluate aquatic habitat suitability, identify threats to amphibian survivorship, and provide information for the conservation and recovery of the species.

3. Cyanobacteria Treatment in Lake Temescal and Lake Anza (Tuden)

Becky Tuden, Environmental Services Manager, will present an update on the current remediation efforts for the treatment of cyanobacteria in two District lakes. The presentation will provide background on cyanobacteria in the District, review of possible treatment options, and a description of treatment efforts to date. In Lake Temescal, the District has used a multifaceted approach of vegetation management and use of a binding agent to control phosphate. For Lake Anza, staff has determined that oxygenation of the Lake is the most promising treatment option and is working with Operations on the design of a system for the Lake.

4. Future Agenda Items (Nisbet/Graul)

5. Open Forum for Public Comment (Dir. Rosario)

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