

**EBMUD/EBRPD
LIAISON COMMITTEE MEETING
Thursday, June 25, 2015
2:00 p.m.
EBMUD Training Resource Center
375 11th Street, Second Floor,
Oakland, CA**

<u>Topic</u>	<u>Status</u>
1. Algae Bloom at Lake Chabot & Lake Temescal	(EBRPD/EBMUD) (I)
2. Redwood Canyon Public Golf Course RFP Update	(EBRPD) (I)
3. Chabot Reservoir Watershed Lease	(EBRPD/EBMUD) (I)
4. Chabot Dam Seismic Upgrade Project	(EBMUD) (I)
5. East Bay Watershed Master Plan Update	(EBMUD) (I)
6. Drought / Operational Response	(EBRPD/EBMUD) (I)
7. San Leandro Creek Alliance Update	(EBRPD) (I)
8. Public Comment	
9. Confirm Next Meeting	
(I) Information	(D) Discussion
	(R) Recommendation

Distribution Lists

Packets:

Directors: Doug Siden, Dennis Waespi, Diane Burgis,
John Sutter (alternate)
Robert E. Doyle, General Manager
Yolande Barial, Clerk of the Board
Carol Johnson, AGM Public Affairs
Jim O'Connor, AGM Operations
Mark Ragatz, Chief of Park Operations
Matt Graul, Chief of Stewardship
Mimi Waluch, Revenue & Administration Manager
Warren Schultz, Lakes Unit Manager
Jeff Manley, Park Supervisor

Agenda Only (electronic):

AGM's
Mark Pearson, President, Local 2428
Eri Suzuki, 2428 Executive Board
Sgt. Tyrone Davis, President Police Assoc.
Sharon Clay, Clerk of the Board's Office
Sabrina Pinell, Exec. Administrator, Acquisition /
Stewardship / Development
Denise Valentine, Exec. Secretary, Operations

**LAKE CHABOT & TEMESCAL ALGAE BLOOM
EBRPD
June 25, 2015**

CURRENT STATUS & NEXT STEPS

Assistant General Manager of Operations, Jim O'Connor will give a verbal update on the current status and next steps regarding the algae bloom at both Lake Chabot and Lake Temescal.

LAKE CHABOT TOXIC ALGAE BLOOM
EBMUD
June 25, 2015

CURRENT STATUS

Lake Chabot is a standby drinking water supply for EBMUD and a water source for San Leandro Creek and irrigation at two golf courses. EBRPD manages public recreation at Lake Chabot under a lease. Recreation activities at the lake include fishing, boating, hiking, bicycling, camping, horseback riding, and picnicking. However, no body contact (e.g., swimming) is allowed in the reservoir.

Blue-green algae (cyanobacteria) are any of a number of species of microscopic bacteria that are photosynthetic. They may exist as single cells or groups of cells. They occur naturally in surface waters. When conditions are optimal, including light and temperature, levels of nutrients, and lack of water turbulence, blue-green algae can quickly multiply into a bloom. Blue-green algae blooms are likely to occur more often in warmer months.

Some blue-green blooms can create toxins. Exposure to the toxin can pose risks to humans, pets, livestock, and wildlife. Exposure may occur by ingestion, dermal contact, and aspiration or inhalation. The toxins can cause rashes, skin and eye irritation, allergic reactions, gastrointestinal upset, and other effects. At high levels, exposure can result in serious illness or death.

EBRPD had never seen significant and persistent toxic algae blooms until three were recorded in 2014. Two were in Lake Temescal in Oakland; both blooms resulted in closure for a total of about nine weeks over the summer and fall. Another bloom was discovered in September in Lake Chabot. In December 2014, EBRPD advised EBMUD that two dogs died the weekend before Christmas after visiting Lake Chabot Park and coming in contact with the water. EBRPD has had signage around the Lake Chabot Marina since September 2014 warning against contact with water and after these incidents they added more warning signs around the lake.

EBRPD and EBMUD staff have been working together develop a long term plan to better manage toxic algae at the lake. EBMUD has sent a draft monitoring and response plan to EBRPD for discussion and action.

NEXT STEPS

Staff will continue working on the monitoring and response plan actions and developing a cost sharing agreement.

REDWOOD CANYON PUBLIC GOLF COURSE REQUEST FOR PROPOSAL
EBRPD
June 25, 2015

CURRENT STATUS

The Willow Park Public Golf Course concession contract at Lake Chabot Regional Park expired November 30, 2014. The Request for Proposals (RFP) for the next long-term operation and management of the facility was non-responsive and an interim operator, Touchstone Golf LLC, was chosen to aid in the transition of the facilities through March 2016. The facility has since been renamed Redwood Canyon Public Golf Course.

Since Touchstone took over management of the facility, general golf course conditions have improved significantly and the majority of golfers seem pleased with these conditions. Play at the course has increased, golf tournaments are currently on the calendar for 2015, and events are scheduled at the banquet and event center facility. Food and bar service is available daily in the bar/grill, and the restaurant's main dining room was re-opened for weekend dinner service on a limited basis as the budget and customer base rebuilds.

The initial RFP process (July 2014) required the next future long term operator to fully fund needed capital improvements; this strategy was unsuccessful most likely due to the current downturn in golf participation and revenues overall, and the higher than anticipated capital renovation needs of the site. Based on this result, District staff determined that some capital renovation would be required prior to the next RFP process and with Board approval (April 2015) funds were appropriated. This upfront investment will make the facility more attractive to professional golf course operators and allow the future operator to invest more capital in facility improvements which add services, enhance the visitor experience, and improve profitability and sustainability.

Priority capital improvement projects identified include paving repair, clubhouse roof replacement, sewage system repairs, HVAC system replacement, restroom renovations, removal and replacement of trees, irrigation system corrections, and kitchen/food service equipment repairs and replacement.

Additionally, District staff and the interim operator are addressing several immediate maintenance projects including health and safety code corrections to the foodservice facility, safety fencing, electrical and plumbing corrections, safety lighting and surveillance system, painting, flooring, and general debris removal throughout the facility.

NEXT STEPS

By making this key investment in specific improvements that address long-term asset preservation and sustainability, the District will be in a better position to attract major players in the golf industry. District staff plans to initiate the next RFP process in December 2015 and have a new full-time operator managing the facility by April 1, 2016.

CHABOT RESERVOIR WATERSHED LEASE
EBRPD
June 25, 2015

CURRENT STATUS

East Bay Regional Park District (EBPRD) has developed and operated approximately 1,200 acres of the Lake Chabot watershed under a fifty-year lease from East Bay Municipal Utilities District (EBMUD) since 1964. The lease expired in December 2014 and a new long-term lease is being developed. An initial six-month extension of the old lease expired on May 30, 2015 and a second six-month extension expires November 30, 2015 to allow more time to define plans.

NEXT STEPS

Several key issues remaining include EBRPD's plans for the golf course operation and its significant capital investment, water quality and water flow protocols, invasive mussel management, and updates to insurance and indemnification language.

EBRPD staff will continue to address changes to key issues with EBMUD staff during the extension period in an effort to adopt a new lease. The continued 50-year partnership will ensure acceptable water supply protection for EBMUD customers and valuable recreational opportunities for EBRPD customers.

CHABOT RESERVOIR WATERSHED LEASE

EBMUD

June 25, 2015

CURRENT STATUS

Since 1964, the East Bay Regional Park District (EBRPD) has leased approximately 1,200 acres of the Lake Chabot watershed from EBMUD. Under that fifty-year lease, EBRPD developed and has operated the Lake Chabot Recreation Area. The lease expired in December 2014 and a new long-term lease is being developed. An initial six-month extension of the old lease expired on May 30, 2015 and a second six-month extension went into effect May 31, 2015 to allow more time to define plans. The key issue remaining is EBRPD's plans for the golf course operation.

The new lease, like the old lease, will include three parcels (see Figure 1). Parcel A is a 568-acre area including lands immediately surrounding the lake. Parcel B is 51 acres at the south end of the lake used for EBRPD operation and maintenance facilities. Parcel C is 595 acres located upstream of the lake along San Leandro Creek and includes the Redwood Canyon Golf Course site. Revenues from Parcels A and B totaled about \$7,800 in 2013. Parcel C (or golf course) revenue totaled approximately \$17,000 in 2013 and there was no revenue from Parcel C in 2014.

NEXT STEPS

EBMUD recently submitted a draft lease to EBRPD staff. Key changes from the prior lease are:

1. Rent for Parcels A and B would be \$12 per acre and subject to an escalation of 3.5% annually. The old lease rent was \$11 per acre and used an All Consumer CPI escalation and both parties felt a standard percentage would be more appropriate.
2. Rent for Parcel C would be fixed for the first five years and become a share of income starting in year six. The old lease set rent as an adjusted percentage of revenue. The golf course is not expected to generate much income in the short term because it needs significant improvements and this reinvestment is likely to result in little net revenue.
3. The new lease language will clarify water flow from Upper San Leandro Dam to Lake Chabot to acknowledge operational needs and flood risk.
4. The new lease language will add restrictions on the use of Lake Chabot including sanitation requirements, erosion control protocols, invasive mussel management, and public safety notifications (such as may be needed due to toxic algae conditions).
5. The new lease will update insurance and indemnification language.
6. The new lease language will clarify EBMUD's right to take back any portion of the leased premises during the lease term for critical operational purposes and further clarify that termination or non-renewal is an EBMUD decision.

The new lease, which should be completed by the end of the year, will continue our 50-year partnership that ensures acceptable water supply protection for EBMUD customers and valuable recreational opportunities for EBRPD customers.

CHABOT DAM SEISMIC UPGRADE PROJECT
EBMUD
June 25, 2015

CURRENT STATUS

Lake Chabot is one of five terminal storage reservoirs operated by the East Bay Municipal Utility District (EBMUD) in the San Francisco Bay Area, and is part of the Lake Chabot Regional Park operated by the East Bay Regional Park District (EBRPD). In 2005, at the request of the California Division of Safety of Dams (DSOD), EBMUD completed seismic stability evaluations of the Chabot Dam and the outlet works within the right abutment. Although the dam was found to be safe, the analyses indicated that the 140-year old embankment dam could settle and crack, and the outlet works could be severely damaged, during a large earthquake on the adjacent Hayward fault. Such damage is not expected to pose a safety hazard to park users or result in an uncontrolled release of water from the reservoir; however, EBMUD and EBRPD would have to temporarily block public access to the dam and possibly lower reservoir levels in order to perform repairs. In light of these findings, the DSOD required EBMUD to perform seismic upgrades at the facility to reduce the expected dam displacements and keep the outlet works operational post-earthquake.

EBMUD and its design phase consultant are performing detailed engineering and geologic analyses of both the dam and outlet works to develop solutions to mitigate the seismic concerns at the site. EBMUD will construct a soil-cement buttress and seepage collection trench across the downstream toe of the dam to improve the seismic response of the earthen embankment. In addition, EBMUD will demolish and retrofit the existing outlet works, piping, and valves to ensure the facility remains operational post-earthquake. Earlier this year, EBMUD completed a rock coring at the site to determine design parameters for the tower. In June, further soil exploration took place on the face of the dam. The design team is currently preparing design drawings and specifications; the 50% design meeting is scheduled for August 2015. EBMUD continues to work with the DSOD, along with the California Department of Fish and Wildlife and the State Regional Water Quality Control Board, as part of the review of the proposed project.

NEXT STEPS

EBMUD will continue to develop design documents and interact with State regulatory agencies, and plans to put the project out to bid in December 2015. The construction is anticipated to begin in April 2016 and will take approximately 12 months. While the project will require the temporary closure of both Chabot Park in San Leandro, and a portion of the West Shore Trail within Lake Chabot Regional Park. It will not impact the EBRPD's East Shore Trail Landslide Stabilization construction project currently scheduled to take place at Lake Chabot from August to October 2015. EBMUD will continue to work with the EBRPD, City of San Leandro, Alameda County, environmental groups, and the local community throughout the design and construction process.

EBMUD EAST BAY WATERSHED MASTER PLAN UPDATE

CURRENT STATUS & NEXT STEPS

EBMUD is starting work on an update to its twenty year old East Bay Watershed Master Plan. The attached memo was discussed with EBMUD's Board of Directors Planning Committee on June 9, 2015. EBMUD staff will provide a brief report on the work plan and public outreach plan for this update.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 4, 2015

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Richard G. Sykes, Director of Water and Natural Resources *RGS*

SUBJECT: Update of East Bay Watershed Master Plan

INTRODUCTION

In 1996, the EBMUD Board of Directors adopted the East Bay Watershed Master Plan (EBWMP), a successor to the previous Land Use Master Plan of 1969. This document has served as the main guidance for managing the resources of the 28,000 acres that comprise the watershed, with an equal emphasis on protecting water quality and enhancing biodiversity. The EBWMP has also provided the basis for specific detailed plans for fire and fuels management, grazing, forestry, and most recently, a Habitat Conservation Plan. In the twenty years since its preparation, some of the information in EBWMP has become outdated, and other developments such as climate change and invasive species have prompted staff to recommend updating and revising it to better meet current and anticipated needs. Staff will give a presentation on the EBWMP update at the June 9, 2015 Planning Committee meeting.

SUMMARY

Since its adoption in 1996, the EBWMP has helped to guide day-to-day decisions on the watershed and provided an important foundation for issue-specific plans. However, it is now timely to review the plan to update information, document progress on a wide variety of actions specified in the plan, draft revisions to address new management needs, and orient the plan to be responsive to issues such as climate change. Over the last twenty years of managing the East Bay watershed, staff have gained considerable experience and expanded their knowledge base, which will be reflected in the updated plan. In addition, the District entered into a Habitat Conservation Plan with the United States Fish and Wildlife Service, which provides a permit for many of the activities outlined in the EBWMP. Consistent with Policy 9.04 – Watershed Management and Use, public notification and a hearing must be conducted before any modifications to the EBWMP are adopted.

DISCUSSION

The EBWMP has provided vital guidance for a number of key management decisions such as:

- Banning polluting, 2-stroke motors on San Pablo Reservoir.

- Implementing erosion control measures.
- Coordinating with Diablo Fire Safe Council and Hills Emergency Forum.
- Making decisions on special use requests such as foot races, endurance equestrian events, model boat and airplane use, campouts, etc.
- Developing an outreach program for youth participation in watershed restoration activities.

However, at this point, the EBWMP needs to be responsive to new developments and conditions. Inventories of listed species and land resources are now outdated, and a number of new concerns have arisen such as climate change, invasive quagga mussels, sudden oak death, and blue-green algae contamination. Practices such as adaptive management are now routinely used to refine management practices, and should be incorporated into EBWMP. Certain advocacy groups have expressed an interest in steelhead restoration in certain creeks, and the plan should also identify key parcels for potential acquisition to enhance water quality protection. Staff is also reviewing the management plans for other agencies with watershed responsibilities including San Francisco PUC, Contra Costa Water District, and Marin Municipal Water District, and visiting their watersheds and facilities.

Staff anticipates that most of the revisions will be broadly supported by stakeholders. However, community access issues are likely to draw significant interest from user groups. In the public review process for the current master plan, bicycle access to the trail system was discussed in a series of community meetings. The Board's decision to prohibit bicycle access was reached after much consideration but bicycle advocates continue to press for the restriction to be lifted. In addition, dog owners are expected to request expanded access to trails on watershed lands.

FISCAL IMPACT

If the Board adopts revisions to the EBWMP that consist mainly of informational updates and do not change access policies, the fiscal impact will be minimal. If access for new users is allowed, patrol and enforcement costs will increase in proportion to the extent of that expanded access. If the plan is substantively revised, compliance costs under CEQA may also increase costs. No external consulting costs are anticipated for this update.

NEXT STEPS

Following direction from the Board, staff will complete revisions to the EBWMP and propose a schedule for one or more public meetings during the summer to present the update and receive comments. Based on the Board's response to public input, staff will prepare the final draft for potential adoption in the fall of 2015.

ARC:RGS:DW:dec

**DROUGHT AND WATER EFFICIENCY STRATEGY UPDATE
EBRPD**

JUNE 25, 2015

CURRENT STATUS & NEXT STEPS

Assistant General Manager Jim O'Connor will present an update on the status of the various drought conditions affecting operations District-wide as well as present water efficiency strategy plans currently in effect.

NEXT STEPS

Operations staff will continue to meet with local water agencies and the state Department of Water Resources to explore potential strategies should the drought continue this winter, with the potential for mandatory restrictions.

**DROUGHT UPDATE
EBMUD**

June 25, 2015

CURRENT STATUS & NEXT STEPS

EBMUD drought update and next steps will be a verbal presentation.

SAN LEANDRO CREEK ALLIANCE UPDATE
EBRPD
June 25, 2015

CURRENT STATUS & NEXT STEPS

EBRPD Board Vice-President Doug Siden will give a verbal update on the San Leandro Creek Alliance.