BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT

375 – 11th Street, Oakland, CA 94607 Office of the Secretary: (510) 287-0440

AGENDA
Finance/Administration Committee
Tuesday, January 26, 2016
10:15 a.m.
Training Resource Center

(Committee Members: Directors Patterson {Chair}, Katz and Young)

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

DETERMINATION AND DISCUSSION:

1. Semi-Annual Internal Audit Report (Gardin)

2. Review of Revisions to District Policies (Gardin)

3. Interest Rate Swap Portfolio Summary Report (Skoda)

4. Financial Quarterly Reports: (Skoda)
   - Quarterly Payroll, Disbursement and Real Estate Summary Report for the Water and Wastewater Systems for Quarter Ended December 31, 2015
   - Quarterly Investment Report – December 31, 2015

ADJOURNMENT:

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this Agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.

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EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 21, 2016

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager

FROM: Barry N. Gardin, Internal Audit Supervisor

SUBJECT: Semi-Annual Internal Audit Report

INTRODUCTION

Per District Policy 4.24 (Internal Audit), the Internal Audit Section provides the Board of Directors with a mid-year update on Internal Audit activities, which includes progress made and/or results from audits, investigations, and other efforts undertaken during the current fiscal year, including any reviews or assessments that may have been undertaken that were not listed in the Annual Internal Audit plan. In addition to providing the Board with an opportunity to review and exercise oversight, while ensuring independence and objectivity of the audit function, these mid-year updates afford the Board with an opportunity to revisit and if necessary adjust the annual audit plan to align with current goals, objectives, and priorities and re-direct internal audit resources towards areas, activities, programs, or processes that pose the greatest risk and/or are of most immediate concern.

This report includes an update on the FY16 Internal Audit Plan (see attached) which has been adjusted to reflect updated reporting dates. This information will be discussed at the January 26, 2016 Finance/Administration Committee meeting.

AUDIT ACTIVITIES

The audits conducted during this period have identified several areas for improving internal controls, enhancing accountability, and increasing transparency, however no material findings, significant control weaknesses, sizeable exposure, or other significant issues requiring immediate Board action or attention were identified.

Below are descriptions of the audits that have been initiated or completed, including a discussion of the efforts currently underway with staff to address the opportunities to improve/enhance controls that have been identified.

Open Market Purchases

This audit included an assessment of the procedures used to obtain commodities (fuel, asphalt, concrete, and copper) that have been designated for purchase outside of the competitive purchasing provisions outlined in the MUD Act (i.e. open market purchases). This included an assessment of the procedures used to affect purchases of each commodity to ensure their compliance with the open

market purchasing provisions of the MUD Act as well as a test of specific acquisitions made during a two year period to confirm they were conducted in accordance with the prescribed procedures.

This review identified variations between the open market purchase procedures prescribed in the MUD Act and the process used to purchase the four commodities. Procedural revisions to address the issues identified are being developed with staff. A report summarizing results and the recommendations is expected to be completed by the end of January 2016.

Capital Expenditures

This audit included an evaluation of the process for estimating, authorizing, and monitoring the District's capital budget and performing tests to confirm that: capital appropriations are consistent with the amounts authorized by the Board and the resulting allocations made to each project agree, in total, with the authorized appropriation; project expenditures are adequately monitored to ensure expenses (i.e. labor, materials, and services) are consistent with project objectives and are properly classified; expenditures are limited to the allocated amounts; and any transfers/reallocations are properly authorized and adequately documented.

The assessment and tests for this audit have been completed. Several opportunities to enhance controls over capital spending and accountability as well as enhancing transparency have been identified. Efforts are currently underway with staff to develop practical and effective procedural changes that will address these issues. A report summarizing results and the recommendations is expected to be completed in February 2016.

Municipal Inspection and Permit Fees

This audit included a review of the permit and inspection fees assessed to the District by municipalities throughout our service area to ensure the District is being invoiced in accordance with the municipalities' published fees and charges and in accordance with CA Code section 6103 et al. Additionally, District job reports were reviewed to confirm inspection fees and charges are only being invoiced for work performed.

The results of this review indicate that municipalities are assessing inspection fees in accordance with their published rates; however, procedures for confirming inspections have been conducted prior to authorizing payments can be improved. There may also be opportunities to provide greater assurance that inspection fees are reasonable and consistent with the fee limitations specified in the CA Code. Procedural changes to improve monitoring of municipal invoices to ensure payments are only made for inspections which have been completed are being developed in collaboration with staff. The report with the final recommendations is expected to be completed in February 2016.

Water Consumption Recognition, Invoicing, and Receipts

This audit included a comprehensive review of the water consumption revenue process, including the specific procedures in place to establish accounts, connect services, measure consumption, invoice

customers, identify and evaluate anomalies, and collect payments. This includes, but is not limited to, evaluating meter reading thoroughness and accuracy and identifying and investigating: unmetered lateral installations, active accounts with zero consumption, outstanding service orders, consumption for unattached meters (i.e., no customer of record), and parcels with standing structures without active services. Subsequent to the start of this audit organizational changes associated with the implementation of a new customer information system have occurred, which necessitated the selection of test samples from updated populations as several previously outstanding issues were eliminated.

The previously identified control weaknesses in the consumption revenue process that resulted in lost revenue have ostensibly been addressed or eliminated due to organizational and system changes. An additional assessment to ensure satisfactory preventive or detective controls have been established to address previously identified weaknesses in the revenue process (i.e. including unmetered consumption, delayed invoicing, etc.) is being completed. A report summarizing the outcome of this review and the resulting recommendation is expected to be completed in February 2016.

Customer Communication and Web Accuracy

This audit includes a comprehensive review of all pages, hyperlinks, and data contained on the District's website, including an evaluation of information/data sources to confirm that site hyperlinks are functional, information is accurate and updated in a timely manner, and inquiries are being followed up on in a timely manner. This audit has been initiated and is currently in progress.

A report with results and recommendation is expected to be completed in March 2016.

OTHER AREAS OF CONSIDERATION

No issues or concerns were identified or brought to the attention of Internal Audit during this review period. As outlined in Policy 4.24 if any additional issues or concerns are raised by staff, constituents, or other community stakeholders they will be assessed to determine whether they warrant some degree of review and/or investigation. If deemed significant in terms of risk and/or potential exposure, they will be immediately discussed at the appropriate management level, up to and including the General Manager and/or the Board of Directors.

BNG:kf

Attachment

EAST BAY MUNICIPAL UTILITY DISTRICT
FY16 INTERNAL AUDIT PLAN (Revised)

Project Title	Q1	Q2	Q3	Q4
Contract Administration				
CEQA Monitoring and Compliance				
Open Market Purchases*				
Customer Communication and Web Accuracy				
Contract Benefit Services				
Fees and Charges				
Fleet Administration				
MOU Compliance				
Materials Management**				
Purchase Orders and Purchase Cards**				

**This review was performed while completing ongoing efforts to conclude previously initiated audits (Capital Expenditures, Municipal Inspection and Permit Fees, Water Consumption Recognition, Invoicing, and Receipts, and Customer Communication and Web Accuracy.)*
***Includes follow up testing on findings and recommendations made for audit completed during the current and previous audit cycles.*

AUDIT OBJECTIVES

Contract Administration - Audits of two large (over $5 million) construction contracts, which will encompass all aspects of District contract administration activities including confirmation of performance, contract deliverables, scheduling, cost conformance, and adherence with administrative provisions (e.g. insurance, prevailing wage, change order approvals). (These audits were originally planned to be completed separately (August 2015 and April 2016), but will be completed concurrently in the fourth quarter of FY16.)

CEQA Monitoring and Compliance - This audit will encompass an assessment of the controls in place to ensure the District complies with the California Environmental Quality Act (CEQA). This will include a review of provisions to ensure compliance, as well as an evaluation of the procedure(s) used by the District to monitor compliance activities through all project phases and resolve issues. (Audit rescheduled. Report estimated to be issued in June 2016.)

Open Market Purchases - This audit will include an assessment of the execution of open market purchases to confirm the District is obtaining the best available pricing and that all other procedural

and budgetary controls related to District purchases are being followed. (Report to be issued in January 2016.)

Customer Communication and Web Accuracy - This audit will encompass a comprehensive assessment of pages, hyperlinks, and data contained on the District's web site, including an evaluation of information/data sources to confirm that: hyperlinks are functional, information is accurate and updated in a timely manner, and inquiries are being followed up on in a timely manner. (Report estimated to be issued in February 2016.)

Contract Benefit Services - This audit will include a review of the accuracy of the payments made to as well as those made by the District's third party benefits provider. This will include confirmation that employee payments are being accurately calculated, the District is being accurately invoiced, and amounts held on deposit are being accurately accounted. (Report estimated to be issued in March 2016.)

Fees and Charges - This audit will include an analysis of the basis used to establish standard charges and fees to ensure they accurately reflect the costs of providing the related service (e.g. trip charges). This audit will also include an assessment of the procedures used to account for costs to ensure they are properly categorized and accurately summarized. (Report estimated to be issued in April 2016.)

Fleet Administration - This audit will entail an evaluation of the procedures used to administer the District's fleet and heavy equipment inventory. Controls will be reviewed to ensure assets are efficiently managed and utilized in accordance with District policy and use criteria, including take home use. Controls governing the following will also be assessed: the replacement fund to confirm it is maintained at an appropriate level and is properly managed; fuel purchase, storage, and use; maintenance activities including the associated expenses; and fleet rentals and leases. (Report estimated to be issued in May 2016.)

MOU Compliance - This audit will include an assessment of the District's procedures for administering provisions of the agreements with the represented groups (2019, 21, 444, and 39). Specific provisions reviewed will include overtime, meal reimbursement, fatigue, stand-by, comp time, and shift premiums. (Report estimated to be issued in June 2016.)

Materials Management - This audit will include follow up testing to ensure corrective actions to address findings identified during the Material Handling and Control audit conducted in FY15 have been implemented and are being complied with. The audit will confirm that controls over record accuracy, use accountability, and disposal have been enhanced. (Report estimated to be issued in July 2016.)

Purchase Orders and Purchase Cards - This audit will be conducted to verify corrective actions recommended to improve controls over purchasing activities, resulting from the internal audit of purchasing activities conducted in FY15, have been fully implemented and are being complied with. This will include tests of purchase order and purchase card transactions as well as staff compliance with procedural changes that have been implemented. (Report estimated to be issued in July 2016.)

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 21, 2016

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager

FROM: Barry N. Gardin, Internal Audit Supervisor

SUBJECT: Review of Revisions to District Policies

BACKGROUND

In order to ensure District policies remain up to date and accurately reflect Board priorities and objectives, Department Directors review each District policy within their area of responsibility every two years to consider whether any organizational, regulatory, or other changes have occurred that necessitate their modification. Policies are only forwarded to the Board for consideration if modifications are being proposed or if there is a legal or regulatory requirement for periodic Board review and reaffirmation.

The policy changes described below will be reviewed with the Finance/Administration Committee on January 26, 2016.

DISCUSSION

Four policies warrant modification to clarify their purpose and accurately reflect current procedures and/or operating practices. These policies are attached for your review and consideration.

Policies Recommended for Revision

1. **Policy 1.12 – Prevailing Wage Provisions in Contract Agreements**

   Minor word changes were made to this policy for clarity.

2. **Policy 7.07 – Energy**

   This policy is being modified to include discussion of the connection between water and energy and include carbon offsets as an option for meeting the District's GHG emissions goal.

3. **Policy 7.09 – Workplace Safety and Health**

   This policy is being modified to clarify opportunities for continuous improvement, training programs, safety equipment, and compliance.

4. Policy 4.20 – Use of District Technology Resources

This policy is being modified to list the specific types of equipment covered. Per the request of the Finance/Administration Committee, this policy has also been modified to incorporate political activities as one of the prohibited uses.

On October 28, 2014 and September 22, 2015 this policy, with the current modifications, was brought to the Finance/Administration Committee for consideration and approval. On both occasions the Committee returned the policy to staff with direction to meet with Local 2019 to address their concern that the term "political purposes" was too broad and subject to interpretation that could prohibit activities in which the local has previously engaged (e.g. emailing membership regarding EBMUD candidate forums, identifying specific member meeting agenda items such as anti-pension initiatives, etc.).

During subsequent discussions staff reiterated that District policies reflect Board objectives and/or guiding principles on a given subject and it is the Board's prerogative to establish wording that best indicates the intent. Staff also noted that CA Government Code Chapter 9.5 "Political Activities of Public Employees" §3201-3209 and California Government Code Sections 8314, 82015 and 82025 provide context and allows the District to regulate the use of its resources for political activity; therefore, the proposed language does not change or create a condition that does not already exist. Attached for reference is a table with the specific codes, the applicable text, and other additional information.

As subsequent discussions have not resulted in language that meets the Boards directive to staff, while also addressing Local 2019 concerns, staff is recommending adoption of this policy as initially proposed.

UNION NOTIFICATION

Employee Relations has reviewed all of the policy changes to determine the necessity for union review and has reviewed all of the changes that affect wages, hours and working conditions with the unions.

FISCAL IMPACT

These policy changes have no fiscal impact.

ALTERNATIVE

- **Do not update these policies**. This alternative is not recommended because it would leave policies in place that do not reflect current operating practices and are not consistent with Board directives.

Attachments

Political Activity of Public Employees

APPLICABLE LAW		
Code	**Text**	**Additional Information**
Cal. Gov't Code § 3204	No one who holds, or who is seeking election or appointment to, any office or employment in a state or local agency shall, directly or indirectly, use, promise, threaten or attempt to use, any office, authority, or influence, whether then possessed or merely anticipated, to confer upon or secure for any individual person, or to aid or obstruct any individual person in securing, or to prevent any individual person from securing, any position, nomination, confirmation, promotion, or change in compensation or position, within the state or local agency, upon consideration or condition that the vote or political influence or action of such person or another shall be given or used in behalf of, or withheld from, any candidate, officer, or party, or upon any other corrupt condition or consideration. This prohibition shall apply to urging or discouraging the individual employee's action.	No candidate can promise benefits or threaten adverse action to secure a vote in support of candidate or against another candidate.
Cal. Gov't Code § 3205	(a) An officer or employee of a local agency shall not, directly or indirectly, solicit a political contribution from an officer or employee of that agency, or from a person on an employment list of that agency, with knowledge that the person from whom the contribution is solicited is an officer or employee of that agency. (b) A candidate for elective office of a local agency shall not, directly or indirectly, solicit a political contribution from an officer or employee of that agency, or from a person on an employment list of that agency, with	No solicitation of political contributions

Political Activity of Public Employees

APPLICABLE LAW		
Code	**Text**	**Additional Information**
	knowledge that the person from whom the contribution is solicited is an officer or employee of that agency. (c) This section shall not prohibit an officer or employee of a local agency, or a candidate for elective office in a local agency, from requesting political contributions from officers or employees of that agency if the solicitation is part of a solicitation made to a significant segment of the public which may include officers or employees of that local agency. (d) Violation of this section is punishable as a misdemeanor. The district attorney shall have all authority to prosecute under this section. (e) For purposes of this section, the term "contribution" shall have the same meaning as defined in Section 82015.	
Cal. Gov't Code § 3205.5	No one who holds, or who is seeking election or appointment to, any office shall, directly or indirectly, offer or arrange for any increase in compensation or salary for an employee of a state or local agency in exchange for, or a promise of, a contribution or loan to any committee controlled directly or indirectly by the person who holds, or who is seeking election or appointment to, an office. A violation of this section is punishable by imprisonment in a county jail for a period not exceeding one year, a fine not exceeding five thousand dollars ($5,000), or by both that imprisonment and fine.	

Political Activity of Public Employees

APPLICABLE LAW		
Code	**Text**	**Additional Information**
Cal. Gov't Code § 3206	No officer or employee of a local agency shall participate in political activities of any kind while in uniform.	No political activity while in uniform
Cal. Gov't Code § 3207	Any city, county, or city and county charter or, in the absence of a charter provision, the governing body of any local agency and any agency not subject to Section 19251 by establishing rules and regulations, may prohibit or otherwise restrict the following: (a) Officers and employees engaging in political activity during working hours. (b) Political activities on the premises of the local agency.	Authority for public agency to regulate "political activity" during work hours.
Cal. Gov't Code § 3209	Nothing in this chapter prevents an officer or employee of a state or local agency from soliciting or receiving political funds or contributions to promote the passage or defeat of a ballot measure which would affect the rate of pay, hours of work, retirement, civil service, or other working conditions of officers or employees of such state or local agency, except that a state or local agency may prohibit or limit such activities by its employees during their working hours and may prohibit or limit entry into governmental offices for such purposes during working hours.	
Cal. Govt Code § 8314	(a) It is unlawful for any elected state or local officer, including any state or local appointee, employee or consultant to use or permit others to use public	"Contribution" means a payment, a forgiveness of a loan, a payment of a loan by a third party, or an enforceable promise to make a payment except to the

Political Activity of Public Employees

APPLICABLE LAW		
Code	**Text**	**Additional Information**
	resources for a campaign activity, or personal or other purposes which are not authorized by law. (b) For purposes of this section: (1) "Personal Purpose" means those activities the purpose of which is for personal enjoyment, private gain, or advantage, or an outside endeavor not related to state business. "Personal purpose does not include incidental or minimal use of public resources such as equipment or office space for personal purposes including an occasional telephone call. (2) "Campaign activity" means an activity constituting a contribution as defined in Section 82015 or an expenditure as defined in 82025. "Campaign Activity does not include incidental or minimal use of public resources, such as equipment or office space for campaign purposes, including the referral of unsolicited political mail, telephone calls and visitors to private political entities (3) "Public Resources" means any property or asset owned by the state or any local agency, including but not limited to land, buildings, facilities, funds, equipment, supplies, telephones, computers, vehicles, travel and state-compensated time. (4) "Use" means a use of public resources which is substantial enough to result in a gain or	extent that full and adequate consideration is received, unless it is clear from the surrounding circumstances that it is not made for political purposes. **Cal. Gov't Code § 82015** Expenditure" means a payment, a forgiveness of a loan, a payment of a loan by a third party, or an enforceable promise to make a payment, unless it is clear from the surrounding circumstances that it is not made for political purposes. "Expenditure" does not include a candidate's use of his or her own money to pay for either a filing fee for a declaration of candidacy or a candidate statement prepared pursuant to Section 13307 of the Elections Code. An expenditure is made on the date the payment is made or on the date consideration, if any, is received, whichever is earlier. **Cal. Gov't Code § 82025**

Political Activity of Public Employees

APPLICABLE LAW		
Code	**Text**	**Additional Information**
	advantage to the user or a loss to the state or any local agency for which a monetary value may be estimated.	
Stanson v. Mott (1976) 17 Cal.3d 206	Public funds may not be expended to promote a partisan position in an upcoming election. (Public officer authorized the expenditure of public money to print materials and sent on-duty employees to engage in advocacy activities in support of a bond measure).	

EBMUD

Policy 1.12R

EFFECTIVE 26 JAN 16
~~25 MAR 14~~

SUPERSEDES ~~11 MAR 08~~
25 MAR 14

PREVAILING WAGE PROVISIONS IN CONTRACT AGREEMENTS

IT IS THE POLICY OF EAST BAY MUNICIPAL UTILITY DISTRICT TO:

Require the payment of not less than the general prevailing rates of per diem wages, hourly work, overtime work and holiday pay in the locality in which the work is to be performed, for each craft, classification, or type of worker needed to execute the work required by a contract or agreement.

Scope

All contracts and agreements over $1,000 that require workers to perform construction (including work performed during the design and preconstruction phases of construction, including but not limited to inspection and land surveying work), ~~,~~ alteration, demolition, installation, including the assembly and disassembly of freestanding and affixed modular office systems repair work, ~~,~~ maintenance, carpet laying, or hauling ~~required~~ in the execution of any of the above types of work.

Enforcement

The District shall require submission of certified payroll(s) from contractors and perform random checks to broadly ensure that workers for the contractor and all subcontractors engaging in the work of a particular classification are paid prevailing wages; and,

The District shall be cognizant of violations and ~~,~~ report such violations to the appropriate State or Federal labor compliance regulatory agency including ~~,~~ ~~and~~ assisting the agencies efforts to assess penalties as required.

Determination of Worker Classification

In order to make its determinations of the appropriate job classifications, the District shall rely upon information from the California Department of Industrial Relations and, where Federal funds are used, the rates set by the controlling Federal agency.

Disputes

Disputes concerning classification or the appropriate prevailing wage rate shall be referred to the appropriate State or Federal labor compliance regulatory agency for resolution in accordance with applicable law and regulations; the District shall utilize its best efforts to ensure that the determination of the regulatory agency is obtained within 60 calendar days from the date the issue is submitted.

Authority

Resolution No. 32874-94 dated August 9, 1994
As amended by Resolution No. 33027-02, September 24, 2002
As amended by Resolution No. 33661-08, March 11, 2008
As amended by Resolution No. 33968-14, March 25, 2014
As amended by Resolution No. XXXXX-16, January 26, 2016

EBMUD

Policy 1.12

EFFECTIVE 26 JAN 16

SUPERSEDES 25 MAR 14

PREVAILING WAGE PROVISIONS IN CONTRACT AGREEMENTS

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Enforcement

The District shall require submission of certified payroll(s) from contractors and perform random checks to broadly ensure that workers for the contractor and all subcontractors engaging in the work of a particular classification are paid prevailing wages; and,

The District shall be cognizant of violations and report such violations to the appropriate State or Federal labor compliance regulatory agency including assisting the agencies efforts to assess penalties as required.

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As amended by Resolution No. 33661-08, March 11, 2008
As amended by Resolution No. 33968-14, March 25, 2014
As amended by Resolution No. XXXXX-16, January 26, 2016

EBMUD

ENERGY

Policy 7.07R

EFFECTIVE ~~12 NOV 13~~

SUPERSEDES 12 NOV 13
~~27 NOV 12~~

IT IS THE POLICY OF EAST BAY MUNICIPAL UTILITY DISTRICT TO:

Encourage and promote energy management and energy efficient practices within the District's water and wastewater system operations, service area, and watersheds, reduce greenhouse gas (GHG) emissions, minimize reliance on fossil fuels, provide reliable energy sources, reduce energy costs, and support the District's goal to be carbon free for indirect emissions and achieve a 50 percent reduction in direct emissions compared to 2000 levels by 2040, in accordance with the District's environmental principles and sustainability policy.

Objectives

To support this policy, the District will:

- Efficiently use energy including electricity, petroleum-based fuels, and natural gas to reduce costs, conserve natural resources, and minimize impacts on the environment.
- Increase its use and generation of renewable energy to preserve natural resources, reduce environmental pollution, and support the District's mission to protect and preserve the environment for future generations.
- Secure reliable energy supplies at the most advantageous rates and implement economical projects to protect operations from interruptions and minimize future costs.
- Support the State of California's renewable energy goals.
- Promote its energy policy ~~to~~by informing the public of its efforts to use energy efficiently, raising awareness of the nexus between water and energy, and increasinge generation of renewable energy.

Method

To meet these objectives, the District will:

- Review new and existing facilities and capital improvement projects for opportunities to include energy and water conservation features.
- Consider purchasing electrical energy from renewable energy projects, community choice aggregators, electric utilities or other sources to reduce the District's cost of power or GHG emissions.
- Review and evaluate opportunities to increase hydropower generation and revenue.
- Consider establishing public-private partnerships that would increase renewable energy generation capacity when economically feasible and beneficial to the District.
- Purchase Renewable Energy Credits (RECs) and carbon offsets, when economically feasible, to meet the District's GHG emissions goal.
- Identify and implement projects to offset GHG emissions through sequestration of carbon.
- Consider reducing vehicle miles traveled, changing operational behaviors, and using alternative energy sources for operating vehicles and equipment.
- Invest in equipment, develop programs, and support industry efforts to increase overall District vehicle fuel economy and efficiency.
- Continue to cost-effectively expand the sourcing and digestion of organic material for producing energy from biogas.
- Inform the public of the benefits realized from experiences in energy efficiency and purchasing and operating renewable energy generation equipment.

The District's energy management strategy focuses on reducing energy use, increasing energy generation, diversifying energy supplies, improving energy efficiency, and pursuing economical projects that offset/reduce emissions. Energy use (including conservation, efficiency, optimization and purchase) and generation projects and programs must provide

an economic benefit to the District or support the District's 2040 GHG goal to be carbon free for indirect emissions and reduce direct emissions by 50 percent compared to 2000 levels. To support the state of California's renewable energy goal, the District will increase its use and generation of renewable energy from a range of sustainable renewable sources while continuing to generate renewable energy from its existing generation facilities, including hydropower, photovoltaic systems, and anaerobic digestion/biogas facilities.

Direct emissions are emissions from sources controlled by the District, including the burning of fossil fuels. To meet the District's direct emissions GHG goal, the District will develop programs to reduce vehicle miles traveled, investigate alternative energy sources for operating vehicles, and work with the industry to increase overall fuel economy and efficiency. In addition, the District will offset direct GHG emissions by investigate~~e~~ing projects ~~to offset GHG emissions~~ through the sequestration of carbon or the purchase of carbon offsets.

Indirect emissions are emissions from the District's purchase of electricity and the transmission and distribution losses associated with some of these purchases. To meet the District's indirect emissions GHG goal, the District will focus on energy conservation, development of economical renewable energy projects, GHG offset projects, and the purchase of RECs. Renewable energy programs or projects will be evaluated against the cost of purchasing RECs with the goal to encourage the local development of renewable energy and jobs. RECs purchased to meet the District's GHG goal will only be used to offset GHG emissions in the prior calendar year or the calendar year in which the REC is produced.

To promote projects that are cost neutral over their life, the District will pursue low-cost public financing, grants, and favorable electric rate structures. Project cost evaluations will include consideration of public financing and will be evaluated over the useful life of the project with consideration given to the avoided cost of traditional power supply and distribution, as well as the operational reliability of on-site generation. The District will choose the least cost option to meet its overall direct and indirect GHG reduction goals.

Authority

Resolution No. 33369-03, August 12, 2003
As amended by Resolution No. 33465-05, March 8, 2005
As amended by Resolution No. 33594-07, April 10, 2007
As amended by Resolution No. 33703-09, February 24, 2009
As amended by Resolution No. 33793-10, November 23, 2010
As amended by Resolution No. 33904-12, November 27, 2012
As amended by Resolution No. 33950-13, November 12, 2013

Reference

Policy 7.05 – Sustainability

EBMUD

Policy 7.07

EFFECTIVE 26 JAN 16

ENERGY

SUPERSEDES 12 NOV 13

IT IS THE POLICY OF EAST BAY MUNICIPAL UTILITY DISTRICT TO:

Encourage and promote energy management and energy efficient practices within the District's water and wastewater system operations, service area, and watersheds, reduce greenhouse gas (GHG) emissions, minimize reliance on fossil fuels, provide reliable energy sources, reduce energy costs, and support the District's goal to be carbon free for indirect emissions and achieve a 50 percent reduction in direct emissions compared to 2000 levels by 2040, in accordance with the District's environmental principles and sustainability policy.

Objectives

To support this policy, the District will:

- Efficiently use energy including electricity, petroleum-based fuels, and natural gas to reduce costs, conserve natural resources, and minimize impacts on the environment.
- Increase its use and generation of renewable energy to preserve natural resources, reduce environmental pollution, and support the District's mission to protect and preserve the environment for future generations.
- Secure reliable energy supplies at the most advantageous rates and implement economical projects to protect operations from interruptions and minimize future costs.
- Support the State of California's renewable energy goals.
- Promote its energy policy by informing the public of its efforts to use energy efficiently, raising awareness of the nexus between water and energy, and increasing generation of renewable energy.

Method

To meet these objectives, the District will:

- Review new and existing facilities and capital improvement projects for opportunities to include energy and water conservation features.
- Consider purchasing electrical energy from renewable energy projects, community choice aggregators, electric utilities or other sources to reduce the District's cost of power or GHG emissions.
- Review and evaluate opportunities to increase hydropower generation and revenue.
- Consider establishing public-private partnerships that would increase renewable energy generation capacity when economically feasible and beneficial to the District.
- Purchase Renewable Energy Credits (RECs) and carbon offsets, when economically feasible, to meet the District's GHG emissions goal.
- Identify and implement projects to offset GHG emissions through sequestration of carbon.
- Consider reducing vehicle miles traveled, changing operational behaviors, and using alternative energy sources for operating vehicles and equipment.
- Invest in equipment, develop programs, and support industry efforts to increase overall District vehicle fuel economy and efficiency.
- Continue to cost-effectively expand the sourcing and digestion of organic material for producing energy from biogas.
- Inform the public of the benefits realized from experiences in energy efficiency and purchasing and operating renewable energy generation equipment.

The District's energy management strategy focuses on reducing energy use, increasing energy generation, diversifying energy supplies, improving energy efficiency, and pursuing economical projects that offset/reduce emissions. Energy use (including conservation, efficiency, optimization and purchase) and generation projects and programs must provide

an economic benefit to the District or support the District's 2040 GHG goal to be carbon free for indirect emissions and reduce direct emissions by 50 percent compared to 2000 levels. To support the state of California's renewable energy goal, the District will increase its use and generation of renewable energy from a range of sustainable renewable sources while continuing to generate renewable energy from its existing generation facilities, including hydropower, photovoltaic systems, and anaerobic digestion/biogas facilities.

Direct emissions are emissions from sources controlled by the District, including the burning of fossil fuels. To meet the District's direct emissions GHG goal, the District will develop programs to reduce vehicle miles traveled, investigate alternative energy sources for operating vehicles, and work with the industry to increase overall fuel economy and efficiency. In addition, the District will offset direct GHG emissions by investigating projects through the sequestration of carbon or the purchase of carbon offsets.

Indirect emissions are emissions from the District's purchase of electricity and the transmission and distribution losses associated with some of these purchases. To meet the District's indirect emissions GHG goal, the District will focus on energy conservation, development of economical renewable energy projects, GHG offset projects, and the purchase of RECs. Renewable energy programs or projects will be evaluated against the cost of purchasing RECs with the goal to encourage the local development of renewable energy and jobs. RECs purchased to meet the District's GHG goal will only be used to offset GHG emissions in the prior calendar year or the calendar year in which the REC is produced.

To promote projects that are cost neutral over their life, the District will pursue low-cost public financing, grants, and favorable electric rate structures. Project cost evaluations will include consideration of public financing and will be evaluated over the useful life of the project with consideration given to the avoided cost of traditional power supply and distribution, as well as the operational reliability of on-site generation. The District will choose the least cost option to meet its overall direct and indirect GHG reduction goals.

Authority

Resolution No. 33369-03, August 12, 2003
As amended by Resolution No. 33465-05, March 8, 2005
As amended by Resolution No. 33594-07, April 10, 2007
As amended by Resolution No. 33703-09, February 24, 2009
As amended by Resolution No. 33793-10, November 23, 2010
As amended by Resolution No. 33904-12, November 27, 2012
As amended by Resolution No. 33950-13, November 12, 2013
As amended by Resolution No. XXXXX-16, January 26, 2016

Reference

Policy 7.05 – Sustainability

EBMUD

Policy 7.09R

EFFECTIVE 26 JAN 16 ~~25 MAR 14~~

SUPERSEDES 25 MAR 14 ~~26 JUN 12~~

WORKPLACE SAFETY AND HEALTH

IT IS THE POLICY OF EAST BAY MUNICIPAL UTILITY DISTRICT TO:

Provide employment and work environments that are safe, secure, and healthy for all employees, regardless of job classification or civil service status, in order to minimize injury and illness, promote public safety, prevent damage to property, plant, or equipment, and ensure compliance with all pertinent federal, state and local safety regulations. The District will implement the following in support of this policy:

Safe and Healthy Practices	Maintain written Required Safety Practices (RSP's) that document methods for employees to mitigate hazards based on federal or state worker safety orders, industry best management practices, and prior District experience. Integrate safety and long-term health and wellness into business planning, decision making and daily activities. Promote effective employee participation through local safety committees and staff meetings. Identify opportunities for continuous improvement ~~of employee health and safety~~to reduce hazards, decrease health risks, and minimize injuries. Ensure all contractors, vendors, and visitors comply and adhere to a safe working environment. Provide employees with health and wellness opportunities and resources.
Training Programs	Provide training using a variety of media and methods to instruct employees about the requirements of the District's safety program and changes to federal, state, local, and District safety practices.
Equipment	Identify, provide, and require the use of personal protective equipment applicable to the hazard(s) presented by the task(s) being performed. Furnish and use equipment, safety devices, and safeguards that are ~~feasible~~ practicable and effective to render District employment safe and healthy. Require periodic evaluation of safety equipment and devices, as appropriate.
General Safety Compliance	Conduct periodic facility audits, job-site inspections, and job hazard analyses to ensure application of safe and healthy practices. Enforce compliance with regulatory agency safety orders and District policies~~rules~~ and practices, including discipline of employees who violate regulatory agency safety orders or District policies~~rules and~~ or practices in the performance of their work.

Authority

Resolution No. 32874-94, August 9, 1994
Amended by Resolution No. 33027-02, September 24, 2002
Amended by Resolution No. 33443-04, September 28, 2004
Amended by Resolution No. 33564-06, November 14, 2006
Amended by Resolution No. 33780-10, September 14, 2010
Amended by Resolution No. 33883-12, June 26, 2012
Amended by Resolution No. 33968-14, March 25, 2014
Amended by Resolution No. XXXXX-16, January 26, 2016

References

Policy 7.05 Sustainability
Policy 7.13 Security
District Injury and Illness Prevention Plan
Required Safety Practices

EBMUD

Policy 7.09

EFFECTIVE 26 JAN 16

SUPERSEDES 25 MAR 14

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Integrate safety and long-term health and wellness into business planning, decision making and daily activities.

Promote effective employee participation through local safety committees and staff meetings.

Identify opportunities for continuous improvement to reduce hazards, decrease health risks, and minimize injuries.

Ensure all contractors, vendors, and visitors comply and adhere to a safe working environment.

Provide employees with health and weliness opportunities and resources.

Training Programs

Provide training using a variety of media and methods to instruct employees about the requirements of the District's safety program and changes to federal, state, local, and District safety practices.

Equipment

Identify, provide, and require the use of personal protective equipment applicable to the hazard(s) presented by the task(s) being performed.

Furnish and use equipment, safety devices, and safeguards that are practicable and effective to render District employment safe and healthy. Require periodic evaluation of safety equipment and devices, as appropriate.

General Safety Compliance

Conduct periodic facility audits, job-site inspections, and job hazard analyses to ensure application of safe and healthy practices.

Enforce compliance with regulatory agency safety orders and District policies and practices, including discipline of employees who violate regulatory agency safety orders or District policies or practices in the performance of their work.

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References

Policy 7.05 Sustainability
Policy 7.13 Security
District Injury and Illness Prevention Plan
Required Safety Practices

EBMUD

Policy 4.20R

EFFECTIVE 26 JAN 16

SUPERSEDES ~~26 JUN 12~~ ~~11 DEC 07~~ 26 JUN 12

USE OF DISTRICT TECHNOLOGY RESOURCES

IT IS THE POLICY OF EAST BAY MUNICIPAL UTILITY DISTRICT TO:

Use the District's computer~~er~~ing ~~hardware~~equipment (desktops, laptops, handheld computers), software, ~~and~~ electronic mail, access to the Internet, Wi-Fi access, telephones (desk phones, cell phones, smartphones), voicemail, pagers, copy machines, facsimile machines, printers and other Technology Resources for District business purposes and allow limited incidental personal use by District employees in strict accordance with all software license agreements.

Ownership and Privacy

All software and data are the property of the District. Software, data, and all electronic files developed by employees, may not be taken with them when they leave the District without the written permission of the employee's Department head. ~~Manager.~~

Electronic mail, Internet access, telephones, and other Technology Resources ("systems") are provided for District activities and are not intended for the personal use of employees as a substitute for their personally-owned ~~purchased~~ devices. District procedures, however, may allow incidental and appropriate personal use of these resources. In allowing such incidental use, no expectation of privacy is conveyed. The District may examine its systems and any electronic information, including files and electronic mail, at any time. Under no circumstances may District systems be used for political purposes or for an employee's non-District commercial or business activities, whether engaged in for profit or not, or for any illicit purpose.

Use of Computer Software

All software used by the District must be properly licensed. District employees shall not copy or install unauthorized software onto District computers or improperly copy authorized District software in violation of software license agreements. The Information Systems Department is responsible for determining when software may be copied onto District systems.

Authority

Resolution No. 32886-94, October 25, 1994,
As amended by Resolution No. 33225-00, October 10, 2000
As amended by Resolution No. 33646-07, December 11, 2007
As amended by Resolution No. 33883-12, June 26, 2012
As amended by Resolution No. XXXXX-16, January 26, 2016

References

Policy 2.05	Employee Discipline
Policy 6.04	Ethics Policy Of The EBMUD Board Of Directors
Procedure 453	Technology Use And Privacy Procedure
Procedure 461	Information Security

EBMUD

Policy 4.20

EFFECTIVE 26 JAN 16

USE OF DISTRICT TECHNOLOGY RESOURCES

SUPERSEDES 26 JUN 12

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As amended by Resolution No. 33646-07, December 11, 2007
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References

Policy 2.05	Employee Discipline
Policy 6.04	Ethics Policy Of The EBMUD Board Of Directors
Procedure 453	Technology Use And Privacy Procedure
Procedure 461	Information Security

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 21, 2016

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager

FROM: Sophia D. Skoda, Director of Finance

SUBJECT: Interest Rate Swap Portfolio Summary Report

INTRODUCTION

The attached Swap Portfolio Summary Report provides the status of all outstanding District Swap agreements as of December 31, 2015. The report is provided in accordance with Policy 4.23, Interest Rate Swap Policy. The District's swap portfolio continues to be in full compliance with Policy 4.23. There have been no updated regulatory protocols or similar agreements required to be adhered to by the District since January 23, 2014.

This report will be reviewed with the Finance/Administration Committee on January 26, 2016.

DISCUSSION

The attached Swap Portfolio Report as of December 31, 2015 provides a summary of the District's swap mark-to-market valuations, counterparty credit ratings and peak risk analysis. None of the District's counterparties were required to post collateral as of that date. The District also actively monitors "Peak Counterparty Risk"[i] and "Peak Termination Risk"[ii] among other things.

A summary of the attached December 31, 2015 report is provided below:

Water System

- All counterparties have a credit rating of Baa1 (Moody's) or BBB+ (Standard and Poor's) or higher.
- The combined swap mark-to-market value for all counterparties is negative $27.3 million. This is the approximate amount the District would have had to pay to the counterparties if all of the swaps had been terminated on December 31, 2015.
- The total estimated Peak Termination Risk exposure (the approximate amount the District would have to pay to its counterparties if all the swaps were simultaneously terminated in a lower interest rate environment; see footnote ii) is approximately $56.9 million. This compares favorably to the policy limit of approximately $499.5 million[iii].

- The total estimated aggregate Peak Counterparty Risk exposure (the maximum positive mark-to-market value the District would lose if all its counterparties defaulted simultaneously) is zero.

Wastewater System

There are no outstanding swaps associated with the Wastewater System.

Regulatory Update

The District's Interest Rate Swap Policy 4.23 addresses the implementation and ongoing monitoring of swap transactions. On January 28, 2014 the Board amended the policy to state that "The District will agree to adhere to…any subsequent protocols and similar agreements established in response to Dodd-Frank Act swap regulations." There have been no new protocols and similar amendments since that time.

ARC:SDS:DB

Attachment

I:\Sec\2016 Board Related Items\Committees 2016\012616 Finance Ctte\FIN - Ctte Item Annual Swap Report 012616.doc

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[i] "Peak Counterparty Risk" is the estimated maximum positive mark-to-market value during the life of the swap that the District could lose if a counterparty defaulted when the swap had a positive mark-to-market value to the District. The exposure is calculated based on the S&P Derivatives Products Policy "worst case" scenario of a 2.00% instantaneous rise in interest rates.

[ii] "Peak Termination Risk" is the estimated maximum termination payment the District would be required to make if the District were unexpectedly forced to terminate a swap when it had a negative mark-to-market value calculated based on the S&P Derivatives Product Policy "worst case" scenario of a 2.00% instantaneous decline in interest rates. (Note the analysis assumes interest rates do not become negative.)The potential Peak Termination Risk is calculated separately for the Water and Wastewater Systems.

[iii] The District's Interest Rate Swap Policy 4.23 states that "The maximum potential exposure of all District swaps should be no more than 20% of outstanding debt for each enterprise i.e., Water system bonds and Wastewater system bonds."

EAST BAY MUNICIPAL UTILITY DISTRICT
Swap Portfolio Valuation Summary
12/31/2015

Water Bond Swap Portfolio

Bond Series	Counterparty	Obligor/ Guarantor	Ratings	Outstanding Balance	Maturity	Fixed Leg	Floating Leg %	Floating Index	12/31/2015 MTM	9/30/2015 MTM	Change MTM	- 200 bps	+ 200 bps
2008A Water Refunding	JPM	JP Morgan Chase Bank	Aa3/A+	37,240,000	6/1/2038	3.1150%	62.30%	1M Libor	(9,644,759)	(10,414,873)	770,114	(20,143,467)	(2,194,325)
2008A Water Refunding	BANA	BANA	A1/A	37,240,000	6/1/2038	3.1150%	62.30%	1M Libor	(9,644,759)	(10,414,873)	770,114	(20,143,467)	(2,194,325)
2008A Water Refunding	MLCS	Bank of America Corp	Baa1/BBB+	16,195,000	6/1/2038	3.1150%	62.30%	1M Libor	(4,194,257)	(4,529,168)	334,911	(8,759,831)	(954,266)
2008A Water Refunding	BNY	Bank of NY Mellon	Aa2/AA-	14,575,000	6/1/2038	3.1150%	62.30%	1M Libor	(3,774,930)	(4,076,678)	301,748	(7,883,633)	(859,347)
				105,250,000		**3.1150%**			**(27,258,705)**	**(29,435,592)**	**2,176,887**	**(56,930,398)**	**(6,202,263)**

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 21, 2016

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager

FROM: Sophia D. Skoda, Director of Finance

SUBJECT: Quarterly Payroll, Disbursement and Real Estate Summary Reports for the Water and Wastewater Systems for Quarter Ended December 31, 2015.

SUMMARY

File the December 31, 2015 quarterly payroll, disbursement and real estate reports for the Water and Wastewater systems with the Board. These reports will be reviewed with the Finance/Administration Committee on January 26, 2016.

DISCUSSION

As directed by Resolutions No. 32834-94 and 32837-94, attached is a record of the payment of demands and real estate transactions covering the quarter October through December 2015. The disposed properties were sold and leased at fair price.

SDS: LF: lc

Attachments

I:\Sec\2016 Board Related Items\Committees 2016\012616 Finance Ctte\FIN - Ctte Item Qtrly Payroll Disbursement, Real Estate Summ Rpts 012616.doc

EAST BAY MUNICIPAL UTILITY DISTRICT
SECOND FISCAL QUARTERLY PAYROLL AND DISBURSEMENT SUMMARY REPORT

PAYROLL SUMMARY
(RESOLUTION NO. 32834-94)

	October 2015		November 2015		December 2015		QUARTERLY TOTALS	
District Payments	**WSG**	**WWG**	**WSG**	**WWG**	**WSG**	**WWG**	**WSG**	**WWG**
Gross Pay	$ 12,405,162	$ 2,093,599	$ 12,426,995	$ 2,118,568	$ 18,563,552	$ 3,192,885 *	$ 43,395,709	$ 7,405,053
Retirement	$ 4,769,629	$ 824,163	$ 4,785,224	$ 829,608	$ 7,186,845	$ 1,249,818 *	$ 16,741,698	$ 2,903,590
FICA	$ 835,432	$ 140,087	$ 778,307	$ 129,615	$ 1,020,009	$ 169,954 *	$ 2,633,748	$ 439,656
Kaiser	$ 1,435,192	$ 237,795	$ 1,624,120	$ 233,506	$ 1,456,875	$ 233,031	$ 4,516,186	$ 704,332
Health-Net	$ 411,030	$ 52,984	$ 408,548	$ 52,984	$ 404,873	$ 52,984	$ 1,224,452	$ 158,951
Blue Cross	$ 312,808	$ 38,763	$ 322,049	$ 39,692	$ 319,581	$ 39,692	$ 954,437	$ 118,146
VSP	$ 28,712	$ 4,674	$ 29,464	$ 4,639	$ 224,279	$ 38,016	$ 282,454	$ 47,330
Delta Dental	$ 215,332	$ 31,115	$ 209,199	$ 35,760	$ 207,998	$ 35,498	$ 632,529	$ 102,373
Life Insurance	$ 148,278	$ 24,498	$ 151,996	$ 25,029	$ 81,011	$ 12,980	$ 381,285	$ 62,506
LTD	$ 48,495	$ 8,341	$ 98,971	$ 16,413	$ 49,048	$ 8,367	$ 196,514	$ 33,121
Unemply Ins	$ -	$ -	$ 28,070	$ -	$ -	$ -	$ 28,070	$ -
TOTAL	$ 20,610,070	$ 3,456,017	$ 20,862,942	$ 3,485,815	$ 29,514,070	$ 5,033,224	$ 70,987,081	$ 11,975,056

DISBURSEMENT SUMMARY
(RESOLUTION NO. 32837-94)

	October 2015		November 2015		December 2015		QUARTERLY TOTALS	
Voucher Payments	$ 23,789,217	$ 6,150,333 **	$ 19,489,649	$ 3,166,279	$ 20,083,552	$ 3,429,230	$ 63,362,418	$ 12,745,842
Customer Refunds	$ 120,595	$ -	$ 75,727	$ -	$ 115,231	$ -	$ 311,553	$ -
Electronic payments	$ 1,657,578	$ 102,400	$ 1,740,904	$ 7,294	$ 1,334,134	$ 2,759	$ 4,732,616	$ 112,452
Pcard payments	$ 652,468	$ -	$ 946,969	$ -	$ 793,654	$ -	$ 2,393,091	$ -
TOTAL	$ 26,219,858	$ 6,252,733	$ 22,253,248	$ 3,173,573	$ 22,326,572	$ 3,431,989	$ 70,799,678	$ 12,858,294

NOTE: * Three payroll periods in December 2015
** Five accounts payable check runs in October 2015

By: _____ 1/12/16
Sophia D. Skoda, Director of Finance — Date

By: _____ 1/11/16
Lawrence Fan, Controller — Date

REAL ESTATE SERVICES QUARTERLY REPORT
October - December 2015

PROPERTY PURCHASES

OWNER	LOCATION	SIZE	TYPE	PROJECT/PURPOSE	AMOUNT PAID	DATE
None.						

PROPERTY DISPOSITIONS

APPLICANT	LOCATION	TYPE	PURPOSE	AMOUNT RECEIVED	DATE
Clifford Mapes	Malcolm PP	Sale	Surplus Property	$120,000	12/15
Classic Parking	Oakport	Lease	Overflow Parking for games at Oakland Coliseum.	$22,778	10/15

Approved by:

Matt Elawady, Real Estate Services Manager

1/8/16
Date

Cc: Marina Hughes
Sandy Lindley
Sherri Hong

W:/quarterlyreport/Oct-Dec2015.doc

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 21, 2016

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager

FROM: Sophia D. Skoda, Director of Finance

SUBJECT: Quarterly Investment Report – December 31, 2015

SUMMARY

Section 53646 of the Government Code requires the Treasurer of the District to submit to the General Manager, the Internal Auditor, and the Board of Directors a quarterly investment report. Attached is the December 31, 2015 quarterly investment report. This report will be reviewed with the Finance/Administration Committee on January 26, 2016.

DISCUSSION

The investments held by the District on December 31, 2015 are shown in Attachment A and totaled $527.7 million. The portfolio yielded 0.48%. The investment portfolio is currently in compliance with the Board's adopted policy regarding District investments. The investment portfolio includes Water System Debt Service Reserve Funds of approximately $12.7 million that are invested in a Federal Agency note and short-term money market funds. Investments also reflect those made from employee contributions to the District's Employee Retirement System (ERS) and Joint Power Agencies.

In compliance with Section 53646(b)3 of the Government Code, this report denotes that the District projects that it will be able to meet expenditure requirements for the next six months from a combination of maturing investments and revenues from budgeted operations.

- As directed by Resolution 30127, Attachment B lists investment transactions covering the period October 1, 2015 through December 31, 2015.

- Attachment C shows a comparison of the yield of the District's portfolio against the yield on the 90-day Treasury bill and the Federal Funds Rate. It also shows the composition and credit allocation of the District's investment portfolio. On December 31, 2015, the Federal Funds Rate was 0.50% and the yield on the 90-day Treasury bill was 0.16%. A forecast of the projected cash balance of the Water and Wastewater System General Funds for the next six months is also included.

Attachment A Portfolio Summary as of December 31, 2015
Attachment B Quarterly Investment Transactions as of December 31, 2015
Attachment C Yield and Composition of Investment Portfolio as of December 31, 2015

EBMUD

EAST BAY MUNICIPAL UTILITY DISTRICT
Portfolio Management
Portfolio Summary
December 31, 2015

ATTACHMENT A

Description	Face Amount Shares	Market Value	Book Value	% of Portfolio	YTM @ Cost	Days To Maturity
Money Market Mutual Funds	201,154,987	201,154,987	201,154,987	38.14	0.14	1
Federal Agency Issues Coupon	139,064,000	138,593,357	139,039,208	26.28	0.94	728
LAIF Local Government Investment Pool	54,808,905	54,808,905	54,808,905	10.39	0.36	1
CAMP CA Asset Mgmt Program	40,056,192	40,056,192	40,056,192	7.59	0.11	1
Certificates of Deposit - Negotiable	33,580,000	33,510,188	33,580,000	6.35	0.89	421
Medium Term Notes	23,919,000	24,217,409	24,238,206	4.59	0.85	351
Municipal Bonds	21,195,000	21,178,848	21,237,437	4.02	0.63	326
Commercial Paper Discounted	12,000,000	11,977,030	11,981,371	2.27	0.53	107
Certificates of Time Deposit	1,945,000	1,945,000	1,945,000	0.37	0.34	209
Total / Average	**527,723,084**	**527,441,914**	**528,041,306**	**100.00**	**0.48**	**251**

Sophia D. Skoda
Director of Finance

6/14/16
Date

EBMUD

EAST BAY MUNICIPAL UTILITY DISTRICT
Portfolio Management
Portfolio Details - Investments
December 31, 2015

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moodys	S&P	YTM @ Cost	Days To Maturity
Money Market Mutual Funds										
Federated MM	MM0590	6/30/2011	104,657,545	104,657,545	104,657,545	104,657,545	Aaa	AAA	0.14	1
UBS Financial MM	MM5891	6/30/2011	60,033,520	60,033,520	60,033,520	60,033,520	Aaa	AAA	0.13	1
UBS Financial MM	MM5891	4/18/2012	18,560,776	18,560,776	18,560,776	18,560,776	Aaa	AAA	0.13	1
Torrey Pines Bank MM	MM9365	10/26/2015	9,004,131	9,004,131	9,004,131	9,004,131	Aaa	AAA	0.25	1
Dreyfus MM	MM2642	6/30/2011	4,418,526	4,418,526	4,418,526	4,418,526	Aaa	AAA	0.00	1
Dreyfus MM	MM6999	6/30/2011	3,278,620	3,278,620	3,278,620	3,278,620	Aaa	AAA	0.00	1
Federated MM	MM0590	6/30/2011	1,201,869	1,201,869	1,201,869	1,201,869	Aaa	AAA	0.14	1
Sub Total / Average			**201,154,987**	**201,154,987**	**201,154,987**	**201,154,987**			**0.14**	**1**
Federal Agency Issues Coupon										
FNMA 1.1 10/29/2018-16	3135G0G64	10/30/2015	20,000,000	19,897,200	20,000,000	20,000,000	Aaa	AA+	1.10	1033
FFCB 0.42 9/1/2016	3133EFBT3	9/1/2015	6,000,000	5,993,580	6,000,000	6,000,000	Aaa	AA+	0.42	245
FFCB 0.375 5/25/2016	3133EECW8	7/22/2015	5,000,000	5,000,250	5,001,398	5,002,950	Aaa	AA+	0.31	146
FFCB 0 5/17/2016	313312WY2	7/22/2015	5,000,000	4,992,200	4,994,250	4,987,500	Aaa	AA+	0.31	138
FNMA 1.05 2/27/2018-15	3136G1DG1	2/27/2013	5,000,000	4,986,650	4,999,190	4,998,125	Aaa	AA+	1.06	789
FFCB 0.4 11/3/2016	3133EFMW4	11/3/2015	5,000,000	4,985,600	5,000,000	5,000,000	Aaa	AA+	0.40	308
FNMA Step 10/29/2018-16	3136G2QY6	10/29/2015	5,000,000	4,985,150	5,000,000	5,000,000	Aaa	AA+	1.33	1033
FHLB 0 7/19/2016	313384ZP7	7/22/2015	5,000,000	4,984,150	4,990,229	4,982,354	Aaa	AA+	0.36	201
FHLMC Step 7/26/2018-16	3134G7X63	10/26/2015	5,000,000	4,982,800	5,000,000	5,000,000	Aaa	AA+	1.18	938
FHLMC Step 10/29/2019-16	3134G7Y88	10/29/2015	5,000,000	4,981,650	5,000,000	5,000,000	Aaa	AA+	1.92	1398
FHLMC Step 10/15/2018	3134G7Q20	10/15/2015	5,000,000	4,981,250	5,000,000	5,000,000	Aaa	AA+	1.37	1019
FHLMC 0.75 10/27/2017	3134G7V24	10/27/2015	5,000,000	4,973,100	5,000,000	5,000,000	Aaa	AA+	0.75	666
FNMA Step 10/28/2020-16	3136G2QN0	10/28/2015	5,000,000	4,955,150	5,000,000	5,000,000	Aaa	AA+	1.81	1763
FNMA 1 6/27/2018	3136G16F1	12/27/2012	5,000,000	4,951,700	5,000,000	5,000,000	Aaa	AA+	1.00	909
FNMA 1.03 10/26/2018	3136G2PN1	10/26/2015	5,000,000	4,939,000	5,000,000	5,000,000	Aaa	AA+	1.03	1030
FHLMC 1.2 7/27/2018-16	3134G7KK6	7/27/2015	3,750,000	3,750,900	3,750,000	3,750,000	Aaa	AA+	1.20	939
FHLB 1.32 4/10/2017	313378SM4	9/5/2014	3,000,000	3,015,420	3,013,198	3,026,850	Aaa	AA+	0.97	466
FHLB 0 2/17/2016	313384TE9	10/22/2015	3,000,000	2,999,070	2,999,440	2,998,623	Aaa	AA+	0.14	48
FNMA 0 5/16/2016	313588WX9	10/22/2015	3,000,000	2,995,350	2,997,374	2,996,033	Aaa	AA+	0.23	137
FNMA 0 8/18/2016	313588C52	10/22/2015	3,000,000	2,988,840	2,994,610	2,992,977	Aaa	AA+	0.29	231
FHLB Step 9/28/2018-15	3130A6K55	10/7/2015	2,600,000	2,591,888	2,600,000	2,600,000	Aaa	AA+	1.36	1002
FHLB Step 8/10/2018-16	3130A5YP8	8/10/2015	2,500,000	2,497,725	2,500,000	2,500,000	Aaa	AA+	0.92	953
FHLB 1.1 12/29/2017-16	3130A6UA3	12/29/2015	2,500,000	2,496,025	2,500,000	2,500,000	Aaa	AA+	1.10	729
FHLMC Step 12/21/2018-16	3134G8EP0	12/21/2015	2,500,000	2,495,050	2,500,000	2,500,000	Aaa	AA+	1.65	1086

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moodys	S&P	YTM @ Cost	Days To Maturity
FNMA 1 9/20/2017	3135G0PP2	6/2/2014	2,050,000	2,045,490	2,050,000	2,050,000	Aaa	AA+	1.00	629
FHLMC 0.8 12/30/2016	3134G4S90	9/24/2015	2,000,000	2,008,880	2,001,671	2,002,120	Aaa	AA+	0.72	365
FFCB 0.6 12/12/2016-14	3133EC6S8	7/25/2014	2,000,000	1,998,480	1,997,137	1,992,813	Aaa	AA+	0.75	347
FHLMC Step 2/27/2018-15	3134G7TT8	8/27/2015	2,000,000	1,997,940	2,000,000	2,000,000	Aaa	AA+	1.44	789
FHLB 0.65 12/19/2016-14	3130A14P0	3/19/2014	2,000,000	1,997,660	2,000,000	2,000,000	Aaa	AA+	0.65	354
FNMA 1.05 2/27/2018-15	3136G1DG1	2/27/2013	2,000,000	1,994,660	2,000,000	2,000,000	Aaa	AA+	1.05	789
FNMA 0 10/7/2016	313588J71	10/22/2015	2,000,000	1,990,380	1,994,692	1,993,370	Aaa	AA+	0.35	281
FHLMC Step 6/18/2019-16	3134G8D89	12/18/2015	1,500,000	1,495,800	1,500,000	1,500,000	Aaa	AA+	1.70	1265
FFCB 0.43 1/29/2016	3133ECFV1	8/25/2015	1,000,000	1,000,050	1,000,129	1,000,700	Aaa	AA+	0.27	29
FFCB 0.68 12/27/2016-14	3133ECBU7	5/1/2014	1,000,000	999,990	998,807	996,800	Aaa	AA+	0.80	362
FFCB 0.73 3/6/2017-15	3133EDGL0	2/13/2015	1,000,000	995,220	998,710	997,750	Aaa	AA+	0.84	431
FNMA 0.95 8/23/2017-14	3135G0NH2	9/23/2014	1,000,000	993,610	996,755	994,250	Aaa	AA+	1.15	601
FHLMC 0.915 8/23/2017-14	3134G3C40	10/17/2014	1,000,000	992,840	999,567	999,250	Aaa	AA+	0.94	601
FFCB 0.72 12/27/2016-14	3133EA2L1	7/10/2014	900,000	899,775	899,295	898,245	Aaa	AA+	0.80	362
FNMA 0.7 3/6/2017-14	3135G0XT5	5/14/2014	500,000	500,205	498,754	497,031	Aaa	AA+	0.91	431
FNMA 1.1 10/29/2018-16 - BACWA	3135G0G64	10/30/2015	165,000	164,152	165,000	165,000	Aaa	AA+	1.10	1033
FHLB 1.12 5/4/2018-15 - BACWA	3130A56B0	5/4/2015	99,000	98,527	99,000	99,000	Aaa	AA+	1.12	855
Sub Total / Average			**139,064,000**	**138,593,357**	**139,039,208**	**139,021,740**			**0.94**	**728**
LAIF Local Government Investment Fund										
LAIF LGIP - Wastewater	LGIP1001	6/30/2011	26,321,100	26,321,100	26,321,100	26,321,100	NR	NR	0.36	1
LAIF LGIP - Water	LGIP1001	6/30/2011	16,301,800	16,301,800	16,301,800	16,301,800	NR	NR	0.36	1
LAIF LGIP - Retirement	LGIP1005	6/30/2011	4,808,905	4,808,905	4,808,905	4,808,905	NR	NR	0.36	1
LAIF LGIP - BACWA	LGIP1001	6/30/2011	3,012,600	3,012,600	3,012,600	3,012,600	NR	NR	0.36	1
LAIF LGIP - FRWA	LGIP1001	6/30/2011	2,150,000	2,150,000	2,150,000	2,150,000	NR	NR	0.36	1
LAIF LGIP - FERC	LGIP1001	6/30/2011	2,000,000	2,000,000	2,000,000	2,000,000	NR	NR	0.36	1
LAIF LGIP - ICP	LGIP1001	6/30/2011	150,500	150,500	150,500	150,500	NR	NR	0.36	1
LAIF LGIP - UMRA	LGIP1001	6/30/2011	64,000	64,000	64,000	64,000	NR	NR	0.36	1
Sub Total / Average			**54,808,905**	**54,808,905**	**54,808,905**	**54,808,905**			**0.36**	**1**
CAMP CA Asset Mgmt Program										
CAMP MM	CAMP6035	5/9/2014	40,056,192	40,056,192	40,056,192	40,056,192	NR	AAA	0.11	1
Sub Total / Average			**40,056,192**	**40,056,192**	**40,056,192**	**40,056,192**			**0.11**	**1**
Certificates of Deposit - Negotiable										
American Express Fed Svgs Bk 0.85 1/23/2017	02587CDT4	7/22/2015	30,000,000	29,938,200	30,000,000	30,000,000	Aa2	A2	0.85	389
BMW Bank North America 1.2 8/21/2017	05580ACT9	8/21/2015	1,000,000	998,490	1,000,000	1,000,000	Aa3	NR	1.20	599
BMW Bank North America 1.45 2/21/2018	05580ACR3	8/21/2015	1,000,000	997,550	1,000,000	1,000,000	Aa3	NR	1.45	783
BMW Bank North America 1.1 10/2/2017	05580ACY8	9/30/2015	1,000,000	997,210	1,000,000	1,000,000	Aa3	NR	1.10	641
Wells Fargo Bank NA Step 6/11/2019-17	94986TWJ2	12/11/2015	250,000	249,494	250,000	250,000	NR	NR	1.61	1258
Everbank Jacksonville FLA 0.55 6/17/2016-BACWA	29976DYC8	6/19/2015	165,000	164,931	165,000	165,000	NR	NR	0.55	169
Capital One Bank USA NA 1.05 6/19/2017-BACWA	140420SE1	6/17/2015	165,000	164,314	165,000	165,000	NR	NR	1.05	536
Sub Total / Average			**33,580,000**	**33,510,188**	**33,580,000**	**33,580,000**			**0.89**	**421**

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moodys	S&P	YTM @ Cost	Days To Maturity
Medium Term Notes										
IBM Credit Corp 1.95 7/22/2016	459200GX3	12/24/2012	5,000,000	5,029,900	5,030,491	5,195,200	Aa3	AA-	0.84	204
Apple Inc 1.05 5/5/2017	037833AM2	9/2/2015	4,548,000	4,550,683	4,560,719	4,563,827	Aa1	AA+	0.84	491
GOOGLE 2.125 5/19/2016	38259PAC6	12/21/2012	3,450,000	3,470,045	3,467,923	3,609,390	Aa2	AA	0.75	140
Berkshire Hathaway 1.9 1/31/2017	084670BD9	12/19/2014	2,896,000	2,921,137	2,922,589	2,947,838	Aa2	AA	1.04	397
Johnson & Johnson 5.55 8/15/2017	478160AQ7	4/8/2014	2,000,000	2,138,820	2,138,244	2,285,580	Aaa	AAA	1.19	593
Georgia Trans Corp 0 1/27/2016	37362HAT3	10/30/2015	2,000,000	1,999,440	1,999,625	1,998,764	P1	A1+	0.25	27
Johnson & Johnson 5.55 8/15/2017	478160AQ7	2/13/2014	1,000,000	1,069,410	1,073,640	1,158,830	Aaa	AAA	0.93	593
Berkshire Hathaway 1.6 5/15/2017	084664BS9	2/13/2014	1,000,000	1,006,540	1,008,032	1,019,030	Aa2	AA	1.00	501
Johnson & Johnson 0.7 11/28/2016	478160BF0	4/9/2014	1,000,000	998,230	1,000,135	1,000,390	Aaa	AAA	0.69	333
Berkshire Hathaway 1.6 5/15/2017	084664BS9	12/18/2015	525,000	528,434	528,894	528,995	Aa2	AA	1.05	501
Johnson & Johnson 1.65 12/5/2018	478160BG8	10/27/2015	500,000	504,770	507,914	508,395	Aaa	AAA	1.10	1070
Sub Total / Average			**23,919,000**	**24,217,409**	**24,238,206**	**24,816,240**			**0.85**	**351**
Municipal Bonds										
San Diego Uni Sch Dist 0.45 7/1/2016	7973552R4	10/14/2015	6,000,000	5,994,000	6,001,472	6,002,100	MIG1	NR	0.40	183
Oakland, CA Trans Ser. 1 6/30/2016	672240TE8	7/23/2015	5,000,000	5,002,900	5,012,337	5,023,250	MIG1	A1+	0.50	182
University Calif Rev Bond 1.296 5/15/2018	91412GPZ2	10/13/2015	2,425,000	2,411,347	2,443,467	2,445,152	Aa2	AA	0.97	866
Univ of California 0.659 5/15/2016	91412GPX7	3/14/2013	2,000,000	1,998,920	2,000,000	2,000,000	Aa2	AA	0.66	136
Univ of California 0.966 5/15/2017	91412GPY5	3/14/2013	2,000,000	1,998,540	2,000,000	2,000,000	Aa2	AA	0.97	501
Marin Healthcare District 0.4 8/1/2016	56782TAV4	11/10/2015	1,000,000	999,050	1,000,000	1,000,000	Aa2	NR	0.40	214
Midpeninsula Regl Open Space 1.5 9/1/2016	598022GS4	9/25/2015	525,000	527,730	528,494	529,877	Aaa	AAA	0.50	245
University Calif Rev Bond 1.796 7/1/2019	91412GSB2	10/16/2015	500,000	500,335	502,464	502,610	Aa2	AA	1.65	1278
University of California 0.934 5/15/2017	91412GWT8	3/25/2015	500,000	498,325	500,000	500,000	Aa2	AA	0.93	501
Univ of California 0.634 5/15/2016	91412GUT0	4/10/2014	450,000	450,167	450,000	450,000	Aa2	AA	0.63	136
University of California 0.54 5/15/2016	91412GWS0	3/25/2015	280,000	280,008	280,000	280,000	Aa2	AA	0.54	136
Mountain View Los Altos HSD 1.02 8/1/2016	624454KX1	3/20/2015	265,000	265,140	265,491	266,147	Aa1	AA+	0.70	214
Midpeninsula Regl Open Space 1.75 9/1/2017	598022GT2	9/25/2015	250,000	252,385	253,712	254,303	Aaa	AAA	0.85	610
Sub Total / Average			**21,195,000**	**21,178,848**	**21,237,437**	**21,253,439**			**0.63**	**326**
Commercial Paper Discounted										
Abbey Natl Treasury Serv 0 4/11/2016	00280NDB3	7/21/2015	5,000,000	4,991,300	4,992,492	4,980,493	P1	A1	0.54	102
UBS Finance 0 3/31/2016	90262CCX3	7/21/2015	2,500,000	2,496,500	2,496,335	2,489,769	P1	A1	0.59	91
Coca-Cola Company 0 6/8/2016	19121AF89	9/23/2015	2,500,000	2,491,550	2,494,444	2,491,007	P1	A1+	0.51	160
Coca-Cola Company 0 3/16/2016	19121ACG4	8/25/2015	2,000,000	1,997,680	1,998,100	1,994,900	P1	A1+	0.46	76
Sub Total / Average			**12,000,000**	**11,977,030**	**11,981,371**	**11,956,169**			**0.53**	**107**
Certificates of Time Deposit										
Torrey Pines Bank 0.4 6/14/2016	CD1198H	6/14/2015	1,000,000	1,000,000	1,000,000	1,000,000	NR	NR	0.40	166
Community Bank of the Bay 0.3 8/23/2016	CD1873F	8/23/2015	500,000	500,000	500,000	500,000	NR	NR	0.30	236
Summit Bank 0.35 11/19/2016	CD8856F	11/29/2015	150,000	150,000	150,000	150,000	NR	NR	0.35	324

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moodys	S&P	YTM @ Cost	Days To Maturity
Summit Bank 0.35 12/7/2016	CD1507F	12/8/2015	100,000	100,000	100,000	100,000	NR	NR	0.35	342
Community Bank of the Bay 0.18 10/29/2016	CD0645F	10/29/2015	100,000	100,000	100,000	100,000	NR	NR	0.18	303
Metropolitan Bank 0.15 4/11/2016	CD0144C	4/11/2015	95,000	95,000	95,000	95,000	NR	NR	0.15	102
Sub Total / Average			**1,945,000**	**1,945,000**	**1,945,000**	**1,945,000**			**0.34**	**209**
Total/Average			**527,723,084**	**527,441,914**	**528,041,306**	**528,592,672**			**0.48**	**251**

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EAST BAY MUNICIPAL UTILITY DISTRICT
Quarterly Investment Transactions
Three Months Ending
December 31, 2015

ATTACHMENT B

Asset Class	Description	CUSIP	Action	Settlement Date	YTM @ Cost	Face Amount/Shs	Principal	Maturity Date	Accrued Interest
Water System									
Federal Agency Issues Coupon	FHLB Step 9/28/2018-15	3130A6K55	Buy	10/7/2015	1.36	2,600,000	2,600,000	9/28/2018	253
Municipal Bonds	San Diego Uni Sch Dist 0.45 7/1/2016	7973552R4	Buy	10/14/2015	0.40	6,000,000	6,002,100	7/1/2016	-
Federal Agency Issues Coupon	FHLMC Step 10/15/2018	3134G7Q20	Buy	10/15/2015	1.37	5,000,000	5,000,000	10/15/2018	-
Municipal Bonds	University Calif Rev Bond 1.796 7/1/2019	91412GSB2	Buy	10/16/2015	1.65	500,000	502,610	7/1/2019	2,619
Federal Agency Issues Coupon	FHLMC Step 7/26/2018-16	3134G7X63	Buy	10/26/2015	1.18	5,000,000	5,000,000	7/26/2018	-
Federal Agency Issues Coupon	FHLMC 0.75 10/27/2017	3134G7V24	Buy	10/27/2015	0.75	5,000,000	5,000,000	10/27/2017	-
Medium Term Notes	Johnson & Johnson 1.65 12/5/2018	478160BG8	Buy	10/27/2015	1.10	500,000	508,395	12/5/2018	3,231
Federal Agency Issues Coupon	FNMA Step 10/28/2020-16	3136G2QN0	Buy	10/28/2015	1.81	5,000,000	5,000,000	10/28/2020	-
Federal Agency Issues Coupon	FNMA Step 10/29/2018-16	3136G2QY6	Buy	10/29/2015	1.33	5,000,000	5,000,000	10/29/2018	-
Federal Agency Issues Coupon	FNMA 1.1 10/29/2018-16	3135G0G64	Buy	10/30/2015	1.10	20,000,000	20,000,000	10/29/2018	-
Federal Agency Issues Coupon	FFCB 0.4 11/3/2016	3133EFMW4	Buy	11/3/2015	0.40	5,000,000	5,000,000	11/3/2016	-
US Treasuries	T-Bill 0 12/31/2015	912796GV5	Buy	12/3/2015	0.18	20,000,000	19,997,200	12/31/2015	-
Certificates of Deposit - Negotiable	Wells Fargo Bank NA Step 6/11/2019-17	94986TWJ2	Buy	12/11/2015	1.61	250,000	250,000	6/11/2019	-
Federal Agency Issues Coupon	FHLMC Step 6/18/2019-16	3134G8D89	Buy	12/18/2015	1.70	1,500,000	1,500,000	6/18/2019	-
Medium Term Notes	Berkshire Hathaway 1.6 5/15/2017	084664BS9	Buy	12/18/2015	1.05	525,000	528,995	5/15/2017	770
Federal Agency Issues Coupon	FHLMC Step 12/21/2018-16	3134G8EP0	Buy	12/21/2015	1.65	2,500,000	2,500,000	12/21/2018	-
Federal Agency Issues Coupon	FHLB 1.1 12/29/2017-16	3130A6UA3	Buy	12/29/2015	1.10	2,500,000	2,500,000	12/29/2017	-
								Sell Price	**Interest Paid**
Municipal Bonds	California Earthquake Auth 2.805 7/1/2019	13017HAE6	Sell	10/7/2015	0.00	2,500,000	2,550,000	2,568,700	18,700
Municipal Bonds	University Calif Rev Bond 1.296 5/15/2018	91412GPZ2	Buy	10/13/2015	0.97	2,425,000	2,445,152	5/15/2018	12,920
Federal Agency Issues Coupon	FNMA 0 5/16/2016	313588WX9	Buy	10/22/2015	0.23	3,000,000	2,996,033	5/16/2016	-
Federal Agency Issues Coupon	FHLB 0 2/17/2016	313384TE9	Buy	10/22/2015	0.14	3,000,000	2,998,623	2/17/2016	-
Federal Agency Issues Coupon	FNMA 0 10/7/2016	313588J71	Buy	10/22/2015	0.35	2,000,000	1,993,370	10/7/2016	-
Federal Agency Issues Coupon	FNMA 0 8/18/2016	313588C52	Buy	10/22/2015	0.29	3,000,000	2,992,977	8/18/2016	-
Federal Agency Issues Coupon	FNMA 1.03 10/26/2018	3136G2PN1	Buy	10/26/2015	1.03	5,000,000	5,000,000	10/26/2018	-
Federal Agency Issues Coupon	FHLMC Step 10/29/2019-16	3134G7Y88	Buy	10/29/2015	1.92	5,000,000	5,000,000	10/29/2019	-
Medium Term Notes	Georgia Trans Corp 0 1/27/2016	37362HAT3	Buy	10/30/2015	0.25	2,000,000	1,998,764	1/27/2016	-
Municipal Bonds	Marin Healthcare District 0.4 8/1/2016	56782TAV4	Buy	11/10/2015	0.40	1,000,000	1,000,000	8/1/2016	-
Bay Area Clean Water Agencies (BACWA)									
Federal Agency Issues Coupon	FNMA 1.1 10/29/2018-16	3135G0G64	Buy	10/30/2015	1.10	165,000	165,000	10/29/2018	-

Sophia D. Skoda
Director of Finance

1/14/16
Date

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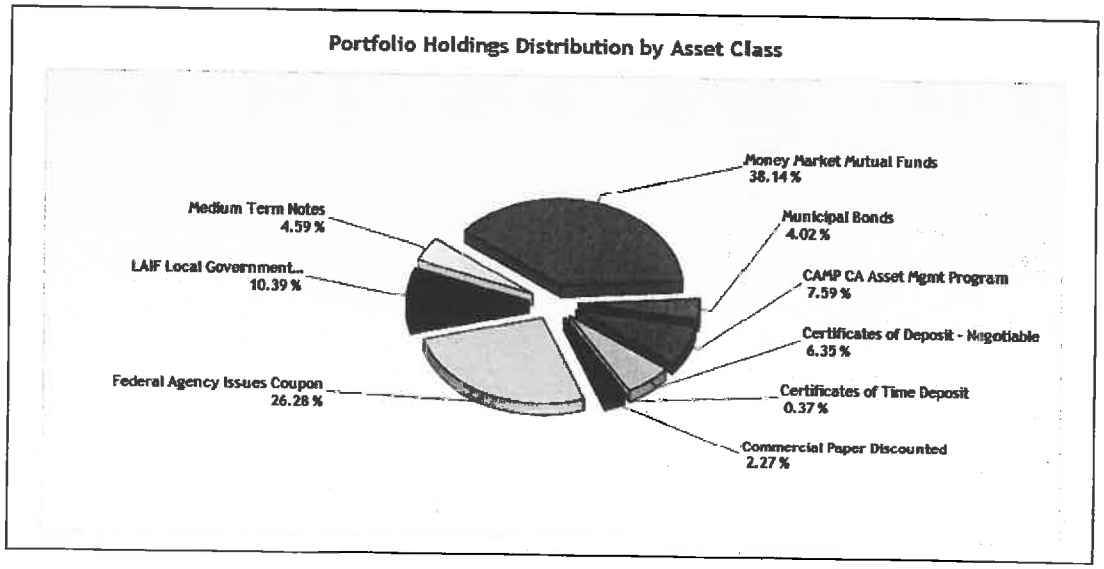
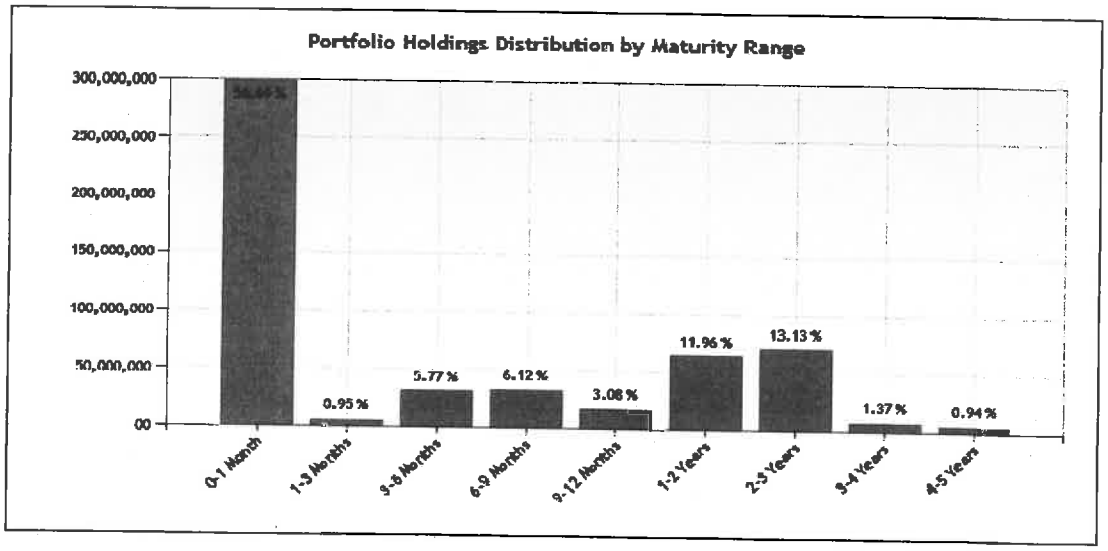
EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition - by Asset Class
December 31, 2015

ATTACHMENT C-1



CREDIT ALLOCATIONS	
Rating Agency: Standard & Poors	
US Agencies (Aaa/AA+)	26%
AAA	47%
AA	14%
A	0%
Not Rated	13%
Total	100%

US Agencies	Includes US Agencies and US Treasury Notes
AAA	Includes Corporate & Municipal Securities, AAA Rated Money Market Funds, and CAMP
AA	Includes Corporate & Municipal Securities, Negotiable CDs and CP
A	Includes Corporate, Municipal Securities & Money Market Fund
NR	(Non Rated) Includes investments in LAIF, Bank Time Deposits & Negotiable Certificates of Deposits



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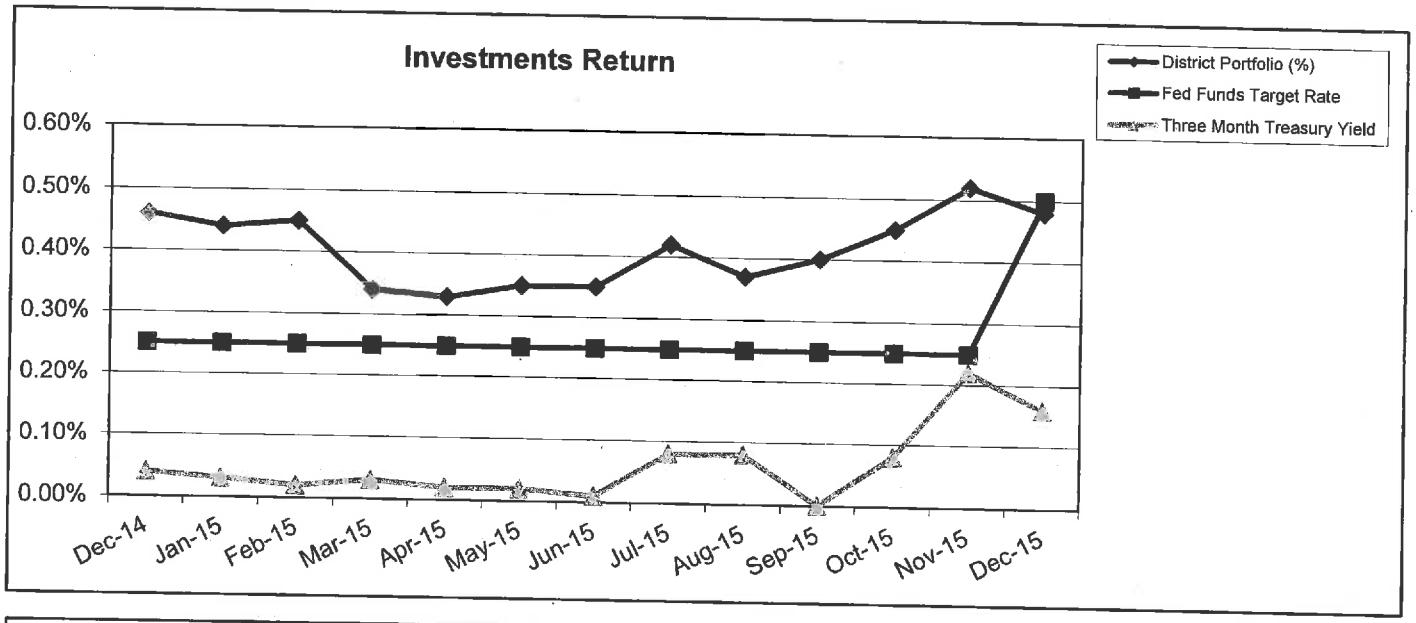
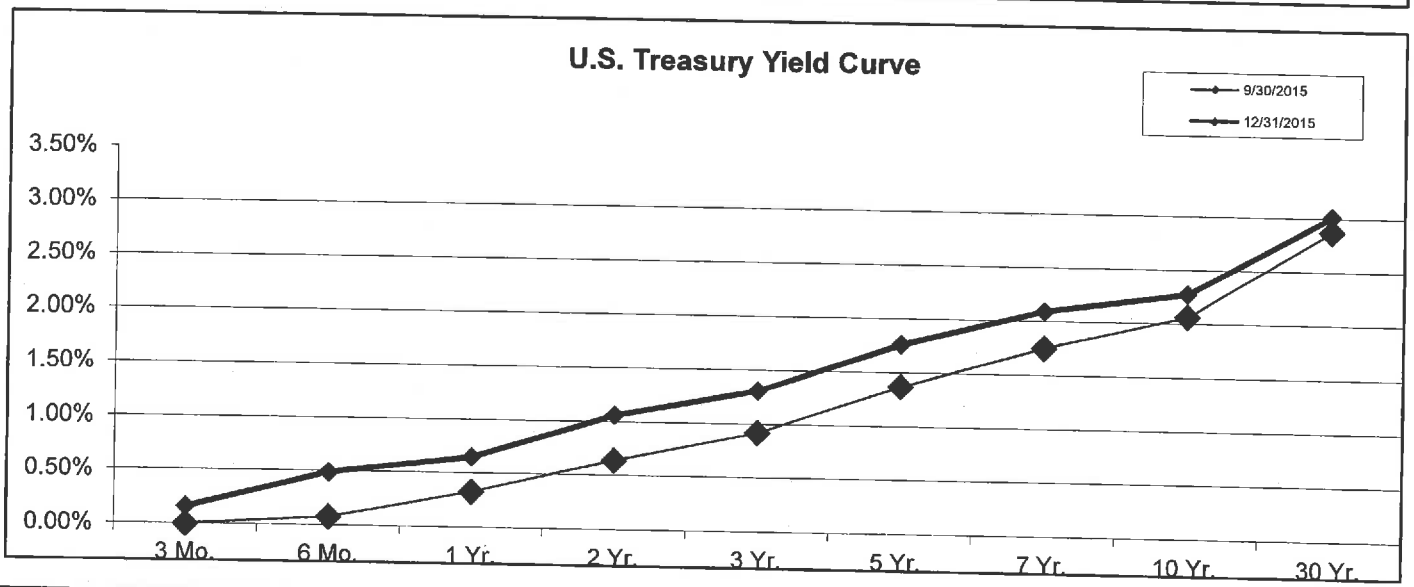
EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition of Investment Portfolio
December 31, 2015

ATTACHMENT C-2





EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition of Investment Portfolio
December 31, 2015

ATTACHMENT C-3

Projected Cash Flow (in $Millions)

Water System

Month End	Matured Investments	Projected Receipts	Projected Disbursements	Projected Cash & Investments	Matured Reinvested
Dec-15				444.9	
Jan-16	1.0	36.5	40.6	440.9	1.0
Feb-16	0.0	34.8	40.6	435.1	0.0
Mar-16	4.5	35.3	40.6	429.9	4.5
Apr-16	5.1	36.7	40.6	426.0	5.1
May-16	10.5	40.4	40.6	425.8	10.5
Jun-16	8.5	61.8	151.6	336.1	8.5

Wastewater System

Month End	Matured Investments	Projected Receipts	Projected Disbursements	Projected Cash & Investments	Matured Reinvested
Dec-15				92.9	
Jan-16	2.0	7.2	8.7	91.4	2.0
Feb-16	3.0	7.2	8.7	90.0	3.0
Mar-16	0.0	7.2	8.7	88.5	0.0
Apr-16	0.0	7.2	8.7	87.1	0.0
May-16	8.7	8.5	8.7	86.9	8.7
Jun-16	0.0	22.4	32.4	77.0	0.0