



185 N. McPherson Rd.
Orange, California
92869-3720

714.538.5815 *phone*
714.538.0334 *fax*

www.eocwd.com

BOARD OF DIRECTORS

Douglass S. Davert
President

Richard B. Bell
Vice President

John Dulebohn
Director

Seymour (Sy) Everett
Director

John L. Sears
Director

Lisa Ohlund
General Manager

August 5, 2016

Board of Directors
East Orange County Water District
185 N. McPherson Road
Orange, California 92869

Dear Members of the Board,

Please be advised that an adjourned regular meeting of the Board of Directors of the East Orange County Water District will be held on Tuesday, **August 9, 2016, at 5:00 p.m.** in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California. Enclosed please find the agenda for the meeting.

Very truly yours,

EAST ORANGE COUNTY WATER DISTRICT

By: 
Joan C. Arneson
Secretary

JCA/

Enclosures

cc: Mailing List

00190740.15

AGENDA

EAST ORANGE COUNTY WATER DISTRICT
(EOCWD)

Tuesday,
August 9, 2016
(Adjourned Regular Meeting)

5:00 p.m.

1. **Call Meeting to Order and Pledge of Allegiance – President Davert**
2. **Public Communications to the Board**
3. **Addition of Items Arising After Posting of Agenda Requiring Immediate Action**
(Requires 2/3 vote or unanimous vote if less than 2/3 of members are present)

Recommended Motion: "THAT IT BE DETERMINED THAT THE NEED TO TAKE IMMEDIATE ACTION ON [SPECIFY ITEM(S)] CAME TO THE DISTRICT'S ATTENTION AFTER POSTING OF THE AGENDA AND THAT SUCH ITEM(S) BE ADDED TO THE AGENDA"

4. **Workshop – Sewer / Improvement District 1 - Sewer System Policy And Management Overview** (Exhibit "A")
5. **Miscellaneous Matters**
 - A. Nomination of President Doug Davert for Second Vice-President Seat on Independent Special Districts of Orange County (ISDOC) Board of Directors (Exhibit "B")

Recommended Motion: "THAT RESOLUTION NO. ____ BE ADOPTED, ENTITLED 'RESOLUTION OF THE BOARD OF DIRECTORS OF EAST ORANGE COUNTY WATER DISTRICT IN SUPPORT OF DOUGLASS S. DAVERT FOR SECOND VICE-PRESIDENT, INDEPENDENT SPECIAL DISTRICTS OF ORANGE COUNTY'"

- B. Account signature authorizations – update authorizations (Exhibit "C")

Recommended Motion: "THAT RESOLUTION NO. ____ BE ADOPTED, ENTITLED: 'RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT AUTHORIZING SIGNATURES FOR ALL ACCOUNTS AND RESCINDING PRIOR RESOLUTION'"

6. Adjournment

The scheduled date of the next Regular Meeting of the Board of Directors is **August 18, 2016**, at 5:00 p.m., in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California.

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection in the District's office, 185 N. McPherson Road, Orange, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available at the reception desk of the District Office during business hours at the same time as they are distributed to the Board members, except that if such writings are distributed less than one hour prior to, or during, the meeting, they will be available in the meeting room of the District Office.

Disability-related accommodations: The East Orange County Water District Board of Directors meeting room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.) please contact Denise Dobson in the District Office at (714) 538-5815 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to Denise Dobson in the District Office, at least seventy-two (72) hours prior to the scheduled meeting.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: BOARD WORKSHOP – SEWER POLICY & MANAGEMENT OVERVIEW
DATE: AUGUST 9, 2016

BACKGROUND

From the initial September 2013 briefing on the issue of acquiring Service Area 7 when we initiated negotiations with the Orange County Sanitation District, through monthly written reports and periodic presentations, the Board has been provided with information on sewer policy and management, but the emphasis has been primarily on the acquisition process. As we continue the transition process with the newly formed Improvement District 1, and build towards long-term operations, staff appreciates the opportunity to provide an in-depth briefing to the Board regarding policy and management issues.

Policy

A few documents have been attached to this memo to provide background and context to some of the information that will be presented:

- The wastewater industry, like the water industry, has its own terminology and acronyms. A Glossary of Terms that include definitions for several common terms is attached. Some of the terms have been highlighted to indicate their relative significance compared to the other terms.
- A Sewer Fact Sheet is attached that highlights some of the statistics about the sewers that are most commonly asked.
- Two graphs showing statewide performance tracking for Sanitary Sewer Overflows (SSOs) since the implementation of the Statewide General WDR in 2006.
- 10 Attributes of Effective Utility Management – This is a summary of the joint product of five nationwide utility management associations and the EPA.
- Condition Assessment summary – A discussion of the ongoing need for condition assessment for buried assets.

These documents will support a brief presentation regarding policy issues related to Improvement District 1.

Transition & Long-Term Operations

A review of the past three month's activities, as well as ongoing transition activities will be discussed. Nick Arhontes will present an outline on the development of the Sewer System Management Plan (SSMP), the guiding document for sewer operations. Finally, staff will review

long-term operations in the context of developing a Strategic Plan for Sewers to augment the Water Strategic Plan.

FINANCIAL IMPACT

No direct financial impact.

RECOMMENDATION

Information only; no action required.

GLOSSARY OF SEWER TERMS

California Integrated Water Quality System (CIWQS) – The computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and to management violations and enforcement activities. CIWQS also allows online submittal of information by Permittees for sewer spill reporting.

Collection System – Generic term for any system of pipes or sewer lines used to convey wastewater to a treatment facility.

Drainage Channel – For the purposes of complying with the Statewide Sanitary Sewer Order, (1) a man-made canal used to transport storm water as part of a municipal separate storm sewer system, or (2) an intermittent or perennial stream bed.

Enrollee – A public entity that owns or operates a sanitary sewer system and has submitted a complete and approved application for coverage under Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (WQO No. 2006-0003-DWQ)

Event ID – A unique identifier assigned by the SSO database to each reported SSO or private lateral sewage discharge.

Lateral – Segment of pipe which connects a home or building to a sewer main, which is usually located beneath a street or easement. The responsibility for maintaining a lateral can be solely that of the sewerage agency or private property owner; or it can be shared between the two parties. Local communities dictate lateral responsibility and the basis for a shared arrangement, if it applies.

Lower Lateral – Portion of a lateral (usually from the property line to the sewer main) that the sewerage agency is responsible for maintaining. This term only applies if overall lateral maintenance responsibility is shared with the private property owner.

Miles of Gravity Sewer – Amount of gravity sewer lines/pipes in an Enrollee's sanitary sewer system, expressed in miles. EOCWD = 174 MILES

Miles of Laterals – Amount of laterals in an Enrollee's sanitary sewer system, which the Enrollee is responsible for maintaining, expressed in miles.

Miles of Pressure Sewer – Amount of pressurized sewer lines/pipes in an Enrollee's sanitary sewer system, expressed in miles.

Miles of Private Laterals – Amount of private laterals tributary to an Enrollee's sanitary sewer system, which private property owners are responsible for maintaining, expressed in miles.

Percent Reached Surface Water – Volume of sewage discharged from a sanitary sewer system or private lateral or collection system that reached surface water divided by the total volume of sewage discharged.

Percent Recovered – Volume of sewage discharged that was captured and returned to the sanitary sewer system or private lateral or collection system divided by the total volume of sewage discharged.

Private Lateral – Privately owned lateral.

Private Lateral Sewage Discharge (PLSD) – Sewage discharges that are caused by blockages or other problems within privately owned laterals or collection systems which are tributary to the reporting Enrollee's sanitary sewer system. Reports of these events are submitted by Enrollees on a voluntary basis but are not their responsibility. This type of sewage discharge is the responsibility of the private

GLOSSARY OF SEWER TERMS

lateral or collection system owner.

Sanitary Sewer Overflow (SSO) – Any overflow, spill, release, discharge or diversion of untreated or partially treated wastewater from a sanitary sewer system. SSOs include:

- i. Overflows or releases of untreated or partially treated wastewater that reach waters of the United States;
- ii. Overflows or releases of untreated or partially treated wastewater that do not reach waters of the United States ; and
- iii. Wastewater backups into buildings and on private property that are caused by blockages or flow conditions within the publicly owned portion of a sanitary sewer system.

Sanitary Sewer System – Any system of pipes, pump stations, sewer lines, or other conveyances, upstream of a wastewater treatment plant headworks and which is comprised of more than one mile of pipes and sewer lines, used to collect and convey wastewater to a publicly owned treatment facility.

Spill – Generic term referring to any sewage discharge (i.e., SSO or private lateral sewage discharge) resulting from a failure in a sanitary sewer system or privately owned lateral or collection system.

SSO Category 1 – All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system that:

- A. Equal or exceed 1000 gallons, or
- B. Result in a discharge to a drainage channel and/or surface water; or
- C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

SSO Category 2 – All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system not meeting the definition of Category 1.

SSO Database – Online reporting system developed, hosted, and maintained by the State Water Resources Control Board (see **CIWQS**) for compliance with the Monitoring and Reporting Program contained in Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (WQO No. 2006-0003-DWQ).

Storm Drainpipe – For the purposes of complying with the Statewide Sanitary Sewer Order, any pipe that is part of a municipal separate storm sewer system used for collecting or conveying storm water.

Total # of PLSDs per 100 miles of Sewer – Broad metric used to compare the relative performance of privately owned laterals tributary to an Enrollee's sanitary sewer system. This metric expresses the number of Private Lateral Sewage Discharges, for which the reporting Enrollee is not responsible, for every 100 miles of privately owned laterals tributary to an Enrollee's sanitary sewer system. Due to the large variation in community specific characteristics, this metric should only be viewed as a rough comparison of the operation and maintenance performance for privately owned laterals. The metric is calculated as described below:

Total # of PLSDs per = $\frac{\text{Total \# of PLSDs}}{\text{Miles of Private Laterals}} \times 100$

100 miles of Sewer

GLOSSARY OF SEWER TERMS

Total # of SSOs per 100 miles of Sewer – Broad metric used to compare the relative performance of Enrollees and their sanitary sewer systems. This metric expresses the number of SSOs, for which the reporting Enrollee is responsible, for every 100 miles of pipe or sewer lines in an Enrollee's sanitary sewer system. Due to the large variation in facility specific characteristics, this metric should only be viewed as a rough comparison of the operation and maintenance performance of Enrollees and their sanitary sewer systems. The metric is calculated as described below:

$$\text{Total \# of SSOs per 100 miles of Sewer} = \frac{\text{Total \# of SSOs (100)}}{\text{Miles of Pressure Sewer} + \text{Miles of Gravity Sewer} + \text{Miles of Public Laterals}}$$

Total Volume of PLSDs Reached Surface Water per 100 miles of Sewer – Broad metric used to compare the relative performance of privately owned laterals tributary to an Enrollee's sanitary sewer system. This metric expresses the volume of Private Lateral Sewage Discharges, for which the reporting Enrollee is not responsible, that reached surface water for every 100 miles of privately owned laterals tributary to an Enrollee's sanitary sewer system. Because sewage discharges that reach surface water pose a greater threat to public health and the environment, this metric reflects some accounting of the threat posed by PLSDs. Due to the large variation in community specific characteristics, this metric should only be viewed as a rough comparison of the operation and maintenance performance for privately owned laterals. The metric is calculated as described below:

$$\text{Total Volume of PLSDs Reached Surface Water per 100 miles of Sewer} = \frac{\text{Total Volume of PLSDs Reached Surface Water (100)}}{\text{Miles of Private Laterals}}$$

Total Volume of SSOs Reached Surface Water per 100 miles of Sewer – Broad metric used to compare the relative performance of Enrollees and their sanitary sewer systems. This metric expresses the volume of SSOs, for which the reporting Enrollee is responsible, that reached surface water for every 100 miles of pipe or sewer lines in an Enrollee's sanitary sewer system. Because sewage discharges that reach surface water pose a greater threat to public health and the environment, this metric reflects some accounting of the threat posed by SSOs. Due to the large variation in facility specific characteristics, this metric should only be viewed as a rough comparison of the operation and maintenance performance of Enrollees and their sanitary sewer systems. The metric is calculated as described below:

$$\text{Total Volume (gal) of SSOs Reached Surface Water per 100 miles of Sewer} = \frac{\text{Total Volume of SSOs Reached Surface Water (100)}}{\text{Miles of Pressure Sewer} + \text{Miles of Gravity Sewer} + \text{Miles of Laterals}}$$

Total Volume Reached Surface Water – Amount of sewage discharged from a sanitary sewer system or private lateral or collection system that reaches a surface water.

Total Volume Recovered – Amount of sewage discharged that was captured and returned to the sanitary sewer system or private lateral or collection system.

Upper Lateral – Portion of a lateral (usually from the building foundation to the property line) that the private property owner is responsible for maintaining. This term only applies if overall lateral maintenance responsibility is shared with the sewerage agency.

WDID – Waste Discharge Identification number which is a unique identifier assigned by the State Water Board to each Enrollee for regulatory record and data management purposes.

SEWER FACT SHEET

- 74 miles of gravity sewer
- 3,900 manholes
- ~18,000 connections to the sewer system
- Estimated population served: 81,000
- Area: 7,777 acres
- 150 Septic Systems

History

- Formed in 1961 and 1964 by Board of Supervisors (7th Sewer Maintenance District in 1964 and 70th Sewer Maintenance District in 1964).
- Both the 7th and 70th Districts were dissolved by the BOS in 1986 and transferred to OCSD as District No. 7
- Became Service Area 7 in 1998
- Transferred to EOCWD on August 1, 2016

Fees

- Single Family Residence: \$108.00/Year or \$9.00/month
- Multi-Family Residence: \$ 75.60/Year or \$6.30/month
- Commercial & Industrial businesses are billed based upon classification/property use.

Budget

- FY 16/17 Operating Budget = \$776,365
- FY 16/17 Capital Budget = \$681,100

**Sanitary Sewer Overflow Reduction Program: Annual Compliance Report,
Fiscal Year 2013 – 2014**

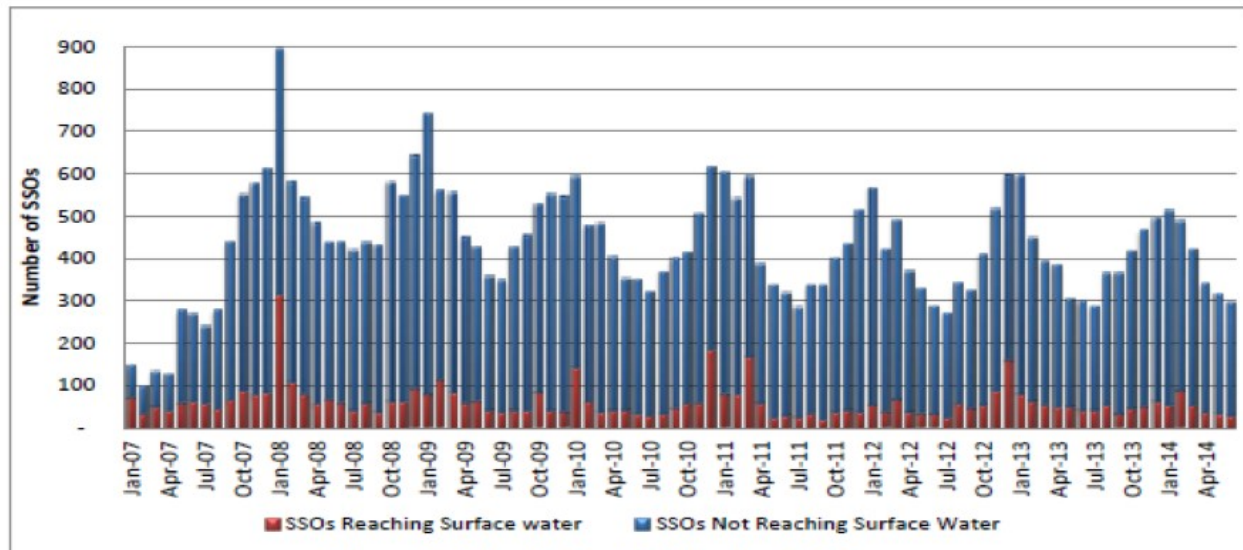


Figure 10 – Monthly Trend in Number of SSOs

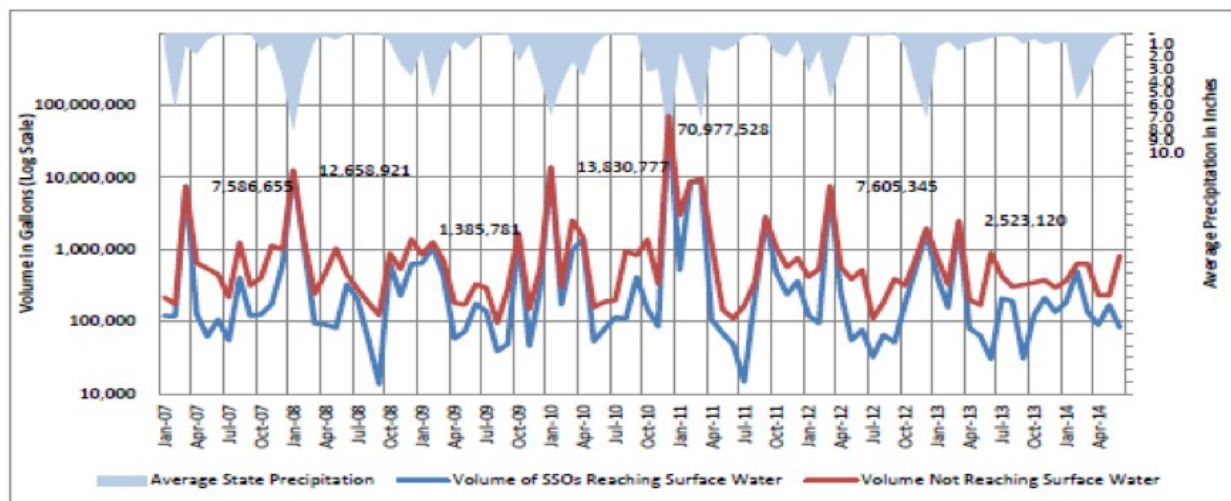


Figure 11 – Monthly Trend in SSO Volume and Statewide Average Precipitation

10 Attributes of Effective Utility Management

1. Product Quality

- Regulatory Compliance

2. Customer Satisfaction

- Customer Satisfaction
- Customer Complaints

3. Employee & Leadership Development

- Employee Retention & Satisfaction
- Management of Core Competencies
- Workforce succession preparedness

4. Operational Optimization

- Resource Optimization
- Efficiency

5. Financial/Viability

- Budget management effectiveness
- Rate adequacy

6. Infrastructure Stability

- Asset inventory
- Asset renewal/replacement
- Planned maintenance

7. Operational Resiliency

- Low recordable injury or illness rate
- Insurance claims
- Operational resiliency under emergency conditions

8. Community Sustainability

- Service affordability
- Infrastructure planning

9. Resource Adequacy

- Capacity Management

10. Stakeholder Understanding & Support

- Stakeholder Consultation
- Stakeholder Satisfaction



Do You Know the Condition of Your Sewer System?

U.S. EPA | WATER INFRASTRUCTURE OUTREACH



Why perform a condition assessment?

The compelling reason to perform a condition assessment of your collection system is to preserve the existing valuable infrastructure, minimize O&M and avoid emergencies and unexpected costs. Condition assessment of your collection system is an investment in managing risk. Knowing the structural condition of your underground assets will allow you to avoid emergencies, prioritize repair and replacement projects, and plan for the future.

In a condition assessment, data and information are gathered through observation, direct inspection, investigation, and monitoring. An analysis of the data and information helps determine the structural, operational, and performance status of capital infrastructure assets. A good written protocol, consistently applied, will help define the assessment. Use new data collection techniques to get the most out of your program. Implementing a pro-active program based on information and systematic assessment removes some of the politics and second-guessing from decision-making.

Performing a condition assessment has a cost, but prioritizing work by focusing on critical assets and the maintenance and replacement needs for your collection system is an essential step toward better management.

Online Tools & Contacts

For more information on Condition Assessment:

WasteWater Collection System Toolbox
www.epa.gov/region1/sso/toolbox.html

Other Online Resources:

Sustainable Water Infrastructure
water.epa.gov/infrastructure/sustain/sustainable_infrastructure.cfm

Aging Water Infrastructure
www.epa.gov/awi/con-assessment.html

Gina Snyder 617-918-1837 snyder.gina@epa.gov
Jack Healey 617-918-1844 healey.jack@epa.gov

Pipeline Defects
www.nassco.org

Liquid Assets Video
liquidassets.psu.edu/

These are links to non-EPA web sites that provide additional information on eliminating sanitary sewer overflows. You will leave the EPA.gov domain and enter another page with more information. EPA cannot attest to the accuracy of information on that non-EPA page. Providing links to a non-EPA Web site is not an endorsement of the other site or the information it contains by EPA or any of its employees. Also, be aware that the privacy protection provided on the EPA.gov domain may not be available at the external link.

Structural

If a sewer pipe is about to fail and you don't know about it, is it a problem? Structural problems can cause major headaches.

CCTV is one of the best tools available to check the condition of your buried assets. During CCTV field inspections, pipe defects and maintenance issues are discovered and classified using a standardized coding system. Following data analysis, structural condition information is used to estimate a pipe's performance, remaining useful life and to plan for the future and make decisions about pipe repair or replacement.

CCTV inspections also reveal maintenance issues, which aid the manager in making any necessary operation or maintenance changes.

- collapses
- fractures
- sags



Maintenance

Maintenance issues are the leading cause of backups and overflows of collection systems. Condition assessment helps utilities discover maintenance and capacity issues before they become maintenance problems. Knowing how your collection system really works will identify Trouble Spots and lead to preventive maintenance decisions, rather than being reactive to the consequences of emergency incidents. Implementing a pro-active program based on information and systematic assessment provides a manager with the tools to improve decision-making and solid information on which to base staffing and funding decisions.



- grease
- roots
- debris

Capacity

Hydraulic capacity is a primary performance measure for a wastewater collection system. Capacity (both hydraulic and treatment) can be taken up by clean water entering the sewer collection system. It may be obvious, based on dry weather and wet weather flows, that rainwater or groundwater inflow or infiltration (I/I) is a problem.

CCTV evaluation can determine the specific location and cause of I/I in many cases, however, flow data gathered by flow meters has been used to guide sewer system capacity management for decades. Flow data can be used as a tool in condition assessment either to identify areas for further CCTV inspection or to quantify the severity of I/I identified during CCTV work.

- excess flow
- infiltration
- inflow



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
**SUBJECT: NOMINATION OF PRESIDENT DOUG DAVERT FOR SECOND VICE-
PRESIDENT SEAT ON THE ISDOC BOARD OF DIRECTORS**
DATE: AUGUST 9, 2016

BACKGROUND

Last month the Board approved a resolution supporting President Davert's application for the Third Vice-President seat on the ISDOC Board. Subsequent to that action, it was determined that the incumbent Second Vice-President was not seeking re-election and that applying for this position instead would assist with "spreading out" applications for the Board.

The Second Vice President chairs the Membership Committee, and in the absence of the President and First Vice President, would serve as President.

FINANCIAL IMPACT

There may be some slight incidental expense reimbursement associated with the position; no Director Fees would be expended as President Davert does not take a stipend for meetings.

RECOMMENDATION

The Board consider approval of the resolution of support for President Douglass S. Davert's nomination for the Second Vice-President position on the ISDOC Board of Directors.

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
EAST ORANGE COUNTY WATER DISTRICT IN SUPPORT
OF DOUGLASS S. DAVERT FOR SECOND VICE-
PRESIDENT, INDEPENDENT SPECIAL DISTRICTS OF
ORANGE COUNTY**

WHEREAS, the Independent Special Districts of Orange County (ISDOC) is seeking candidates for various ISDOC Board Officers; and

WHEREAS, one of ISDOC Board Officer positions that is vacant is the office of Second Vice-President; and

WHEREAS, the Second Vice-President chairs the Membership Committee and, in the absence of the President and First Vice-President, serves as President; and

WHEREAS, Douglass S. Davert is a member of the East Orange County Water District and, therefore, qualified to serve as a representative of a Special District on the ISDOC Board; and

WHEREAS, Douglass S. Davert has submitted a biography describing his public sector experience as an elected and appointed official for various local and regional agencies; and

WHEREAS, Douglass S. Davert is seeking the Second Vice-President office on the ISDOC Board; and be it

RESOLVED, that the Board of Directors of the East Orange County Water District supports the candidacy of Douglass S. Davert for Second Vice-President; and be it further

RESOLVED, that the Board of Directors of the East Orange County Water District directs their representative to ISDOC to vote for Douglass S. Davert for the Second Vice-President position.

ADOPTED, SIGNED AND APPROVED this 9th day of August, 2016.

President
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors thereof

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors thereof

STATE OF CALIFORNIA)
) ss
COUNTY OF ORANGE)

I, JOAN C. ARNESON, Secretary of the Board of Directors of the EAST ORANGE COUNTY WATER DISTRICT, do hereby certify that the foregoing Resolution No. ____ was duly adopted by the Board of Directors of said District at an adjourned Regular Meeting of said District held on August 9, 2016, and that it was so adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: BANKING SERVICES AUTHORIZATIONS
DATE: AUGUST 9, 2016

BACKGROUND

Last month, the Board approved a resolution authorizing the transfer of banking services from California Bank and Trust to Citizen's Business Bank. While the transfer is on track for completion by September 1st, there was an inadvertent omission of provisions for signatory authority for signing checks and initiating transfers and the Board's consideration of this issue prior to the August 18th Board Meeting would assist in meeting that completion date.

The attached resolution would authorize the following:

1. Adds the Treasurer and General Manager as signatories for checks, withdrawals and transfers from banking accounts;
2. Requires two signatures for checks or withdrawals, one of which must be a Board Member and another which can be either the Treasurer or General Manager.
3. Allows for one of the signatures to be a facsimile signature.
4. Allows the Treasurer and General Manager, or either of them, to execute documents for the bank, to make electronic transfers, and to confirm funds transfer or electronic payments.

At the request of the Finance Committee, staff has investigated the practice of requiring Board Members to sign checks when they may have limited knowledge of the purpose and/or accuracy of the payment. After discussions with Citizen's Business Bank, it was determined that most public agencies still require at least one Board Member signature on their checks as a recommended internal control. This resolution would continue that practice. The District Treasurer, Cindy Byerrum, would be the usual other signatory on the checks, with the General Manager signing in the event that Treasurer Byerrum is unavailable.

The transfer provision provides that either the Treasurer or General Manager would confirm a transfer after it is initiated by staff. The internal provision for a transfer requires two Board Member signatures and the General Manager's signature before the transfer can be made.

This resolution would rescind Resolution 763 and all other prior resolutions that provided signature authorization once the transfer to Citizen's Business Bank is completed.

FINANCIAL IMPACT

A facsimile check signing machine will be purchased at a cost of approximately \$500 to enable the use of a facsimile signature. Funds are available in the Joint Office Supplies account 5241-10 -20 -30 for this purchase.

RECOMMENDATION

The Board approved Resolution No. ____ authorizing signatures for all accounts and rescinding prior resolution.

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF
THE EAST ORANGE COUNTY WATER DISTRICT
AUTHORIZING SIGNATURES FOR ALL ACCOUNTS AND
RESCINDING PRIOR RESOLUTION**

WHEREAS, by Resolution No. 763, the Board of Directors authorized signatures for all of the District's accounts at designated depositories; and

WHEREAS, the Board of Directors desires to revise its authorization of signatures and authorization to make specified transfers.

NOW, THEREFORE, the Board of Directors of EOCWD DOES HEREBY RESOLVE, DETERMINE AND ORDER as follows:

Section 1. The Board of Directors will, by Board resolution, designate and redesignate from time to time, a depository or depositories for corporation checking and savings account(s) of the District, which accounts shall be governed by the rules, regulations, bylaws, and practices of the respective depositories including interest, service charges and other matters.

Section 2. The members of the Board of Directors, the General Manager and the Treasurer are designated as the officers of the District who shall be authorized, in the manner set forth in Section 3 hereof, to draw checks on, withdraw funds from, and endorse and receive payments to the District's accounts at each of said depositories. The Secretary is hereby authorized to certify their signatures, which certification shall be attached as Exhibit "A" hereto and is incorporated herein by this reference, and is further authorized, where required, to certify their signatures upon an appropriate bank depositor's agreement or card.

Section 3. Two (2) signatures, consisting of the signature of one (1) of the members of the Board of Directors and the signature of either the General Manager or the Treasurer, are required upon any endorsements to, checks or withdrawals from said depositories. One of said two (2) signatures may be a facsimile of the signature, if such facsimile signature resembles the facsimile specimen from time to time filed with the depository.

Section 4. The General Manager and the Treasurer, or either of them, is authorized to execute and deliver to each depository such agreements as the depository may require, and any renewals or amendments thereof, for funds transfers and electronic payments services relating to transfers and/or payments from or to the District's account(s), and each such agreement may contain such provisions as the General Manager or the Treasurer approves (including but not limited to provisions relating to security procedures and indemnities). The General Manager and

the Treasurer, or either of them, is further authorized to initiate, amend, cancel, confirm or verify the authenticity of instructions to each depository for funds transfers and electronic payments, whether given orally, electronically or by facsimile instructions.

Section 5. Each of the said depositories designated by the Board of Directors is authorized to honor and act in accordance with any such instruments so signed or endorsed and presented to it.

Section 6. The authorities hereby conferred shall continue in full force until written notice of the revocation thereof by the Board of Directors of this District shall have been received by said depositories, and the Secretary is hereby authorized to provide to each of said depositories a certified copy of this Resolution.

Section 7. The President, Secretary and each other officer of the District is hereby authorized and directed to execute and deliver bank depositor agreements and/or cards, funds transfer agreements, depository or custodial agreements and any and all other documents and instruments necessary to or proper for carrying out the authorities conferred by this Resolution. The District Auditor (Treasurer) is directed to deliver any such agreements, cards, documents and instruments to the respective depositories.

Section 8. The Auditor (Treasurer) of the District is directed to make a monthly report of all such accounts and transactions to this Board of Directors.

Section 9. Resolution No. 763 is hereby rescinded, and all other previous signature authorizations given for depositories of the District are hereby rescinded.

ADOPTED, SIGNED AND APPROVED this 9th day of August, 2016.

President
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

SECRETARY'S CERTIFICATE

I, JOAN C. ARNESON, do hereby certify that I am the duly appointed, qualified and acting Secretary of the EAST ORANGE COUNTY WATER DISTRICT, a county water district organized and existing under and by virtue of the laws of the State of California, and I further certify that the persons whose names are set forth below are the duly elected and/or appointed members of the Board of Directors of the EAST ORANGE COUNTY WATER DISTRICT and are the persons authorized under Resolution No. ____, by such combination of their signatures as designated therein, to draw checks on, withdraw funds from, and endorse and receive payments to the District's accounts at depositories designated by the Board of Directors of the District, and that the signatures set forth opposite their names below are their true and genuine signatures.

RICHARD B. BELL
Director

DOUGLASS S. DAVERT
Director

JOHN DULEBOHN
Director

SEYMOUR EVERETT
Director

JOHN L SEARS
Director

LISA OHLUND
General Manager

CINDY BYERRUM
Treasurer

Dated: _____

JOAN C. ARNESON
Secretary of EAST ORANGE COUNTY
WATER DISTRICT and of the Board of
Directors thereof