



ORANGE COUNTY SANITATION DISTRICT SPECIAL NOTICE REGARDING CORONAVIRUS (COVID-19) AND ATTENDANCE AT PUBLIC MEETINGS

Governor Newsom signed Assembly Bill (AB) 361 on September 16, 2021, which, in part, addresses the conduct of public meetings in light of the continued State of Emergency order.

Effective October 1, 2021, AB 361 suspends the requirements located in California Government Code, Section 54953, Subdivision (b), Paragraph (3) specifically pertaining to the conduct of public meetings. As such, the Orange County Sanitation District (OC San) Board of Directors has determined that due to the size of OC San's Board of Directors (25), and the health and safety of the members, the Board of Directors will be participating in meetings of the Board telephonically and via Internet accessibility.

PUBLIC PARTICIPATION

Your participation is always welcome. OC San offers several ways in which to interact during meetings. You will find information as to these opportunities below.

ONLINE MEETING PARTICIPATION

You may join the meeting live via Teams on your computer or similar device or web browser by using the link below:

[Click here to join the meeting](#)

We suggest testing joining a Teams meeting on your device prior to the commencement of the meeting. For recommendations, general guidance on using Teams, and instructions on joining a Teams meeting, [please click here](#).

Please mute yourself upon entry to the meeting. Please raise your hand if you wish to speak during the public comment section of the meeting. The Clerk of the Board will call upon you by using the name you joined with.

Meeting attendees are not provided the ability to make a presentation during the meeting. Please contact the Clerk of the Board at least 48 hours prior to the meeting if you wish to present any items. Additionally, camera feeds may be controlled by the meeting moderator to avoid inappropriate content.

HOW TO PARTICIPATE IN THE MEETING BY TELEPHONE

To join the meeting from your phone: Dial (213) 279-1455
When prompted, enter the Phone Conference ID: 955 614 126#

All meeting participants may be muted during the meeting to alleviate background noise. If you are muted, please use *6 to unmute. You may also mute yourself on your device.

Please raise your hand to speak by use *5, during the public comment section of the meeting. The Clerk of the Board will call upon you by using the last 4 digits of your phone number as identification.

NOTE: All attendees will be disconnected from the meeting at the beginning of Closed Session. If you would like to return to the Open Session portion of the meeting, please login or dial-in to the Teams meeting again and wait in the Lobby for admittance.

VIEW THE MEETING ONLINE ONLY

The meeting will be available for online viewing only at:

<https://ocsd.legistar.com/Calendar.aspx>

HOW TO SUBMIT A COMMENT

You may provide verbal comment in real time during the meeting. In order to provide a verbal comment, please raise your hand as described above or alert the Clerk of the Board before or during the public comment period.

You may also submit your comments and questions in writing for consideration in advance of the meeting by using the eComment feature available online at: <https://ocsd.legistar.com/Calendar.aspx> or sending them to OCSanClerk@ocsan.gov with the subject line "PUBLIC COMMENT ITEM # (insert the item number relevant to your comment)" or "PUBLIC COMMENT NON-AGENDA ITEM".

You may also submit comments and questions for consideration during the meeting by using the eComment feature available online at: <https://ocsd.legistar.com/Calendar.aspx>. The eComment feature will be available for the duration of the meeting.

All written public comments will be provided to the legislative body and may be read into the record or compiled as part of the record.

TECHNICAL SUPPORT PRIOR TO AND DURING MEETINGS

For technical assistance before and during the meeting, please call 714-593-7431. For any other questions and/or concerns, please contact the Clerk of the Board's office at 714-593-7433. Thank you, in advance, for your patience in working with these technologies. We appreciate your interest in OC San!

August 19, 2022

NOTICE OF REGULAR MEETING

**STEERING COMMITTEE
ORANGE COUNTY SANITATION DISTRICT**

Wednesday, August 24, 2022 – 5:00 P.M.

ACCESSIBILITY FOR THE GENERAL PUBLIC

Your participation is always welcome. Specific information as to how to participate in this meeting is detailed in the Special Notice attached to this agenda. In general, OC San offers several ways in which to interact during meetings: you may join the meeting live via Teams on your computer or similar device or web browser, join the meeting live via telephone, view the meeting online, and/or submit comments for consideration before or during the meeting.

The Regular Meeting of the Steering Committee of the Orange County Sanitation District will be held at the above location and in the manner indicated on Wednesday, August 24, 2022 at 5:00 p.m.



Clerk of the Board

Serving:
Anaheim
Brea
Buena Park
Cypress
Fountain Valley
Fullerton
Garden Grove
Huntington Beach
Irvine
La Habra
La Palma
Los Alamitos
Newport Beach
Orange
Placentia
Santa Ana
Seal Beach
Stanton
Tustin
Villa Park
County of Orange
Costa Mesa Sanitary District
Midway City Sanitary District
Irvine Ranch Water District
Yorba Linda Water District

**STEERING COMMITTEE AND
BOARD MEETING DATES**

August 24, 2022

September 28, 2022

October 26, 2022

November 16, 2022 *

December 21, 2022 *

January 25, 2023

February 22, 2023

March 22, 2023

April 26, 2023

May 24, 2023

June 28, 2023

August 23, 2023

**** Meeting will be held on the third Wednesday of the month***

STEERING COMMITTEE

(1) Roll Call:

Meeting Date: August 24, 2022

Meeting Time: 5:00 p.m.

Committee Members

- Chad Wanke, Board Chair..... _____
- Ryan Gallagher, Board Vice-Chair..... _____
- Brooke Jones, Operations Committee Chair..... _____
- Glenn Parker, Administration Committee Chair..... _____
- Jesus J. Silva, LaPA Committee Chair..... _____
- Sandra Massa-Lavitt, Member-At-Large..... _____
- John Withers, Member-At-Large..... _____

Others

- Brad Hogin, General Counsel..... _____

Staff

- Jim Herberg, General Manager..... _____
- Rob Thompson, Assistant General Manager..... _____
- Lorenzo Tyner, Assistant General Manager..... _____
- Celia Chandler, Director of Human Resources..... _____
- Kathy Millea, Director of Engineering..... _____
- Riaz Moinuddin, Director of Operations & Maintenance..... _____
- Lan Wiborg, Director of Environmental Services..... _____
- Kelly Lore, Clerk of the Board..... _____

Other Staff Present

ORANGE COUNTY SANITATION DISTRICT
BOARD OF DIRECTORS
Complete Roster

Effective 03/07/2022

| AGENCY/CITIES | ACTIVE DIRECTOR | ALTERNATE DIRECTOR |
|----------------------|--------------------------|---------------------------|
| Anaheim | Stephen Faessel | Gloria Ma'ae |
| Brea | Glenn Parker | Cecilia Hupp |
| Buena Park | Art Brown | Connor Traut |
| Cypress | Paulo Morales | Anne Hertz-Mallari |
| Fountain Valley | Patrick Harper | Ted Bui |
| Fullerton | Jesus J. Silva | Nick Dunlap |
| Garden Grove | Steve Jones | John O'Neill |
| Huntington Beach | Kim Carr | Dan Kalmick |
| Irvine | Anthony Kuo | Farrah N. Khan |
| La Habra | Rose Espinoza | Steve Simonian |
| La Palma | Marshall Goodman | Nitesh Patel |
| Los Alamitos | Ron Bates | NONE |
| Newport Beach | Brad Avery | Joy Brenner |
| Orange | Kim Nichols | Chip Monaco |
| Placentia | Chad Wanke | Ward Smith |
| Santa Ana | Johnathan Ryan Hernandez | Nelida Mendoza |
| Seal Beach | Sandra Massa-Lavitt | Schelly Sustarsic |
| Stanton | David Shawver | Carol Warren |
| Tustin | Ryan Gallagher | Austin Lumbard |
| Villa Park | Chad Zimmerman | Robert Collacott |

Sanitary/Water Districts

| | | |
|-------------------------------|---------------|------------------|
| Costa Mesa Sanitary District | Bob Ooten | Art Perry |
| Midway City Sanitary District | Andrew Nguyen | Mark Nguyen |
| Irvine Ranch Water District | John Withers | Douglas Reinhart |
| Yorba Linda Water District | Brooke Jones | Ted Lindsey |

County Areas

| | | |
|----------------------|------------------|--------------|
| Board of Supervisors | Donald P. Wagner | Doug Chaffee |
|----------------------|------------------|--------------|



STEERING COMMITTEE
Regular Meeting Agenda
Wednesday, August 24, 2022 - 5:00 PM
Board Room
Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ACCOMMODATIONS FOR THE DISABLED: If you require any special disability related accommodations, please contact the Orange County Sanitation District (OC San) Clerk of the Board's office at (714) 593-7433 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.

AGENDA POSTING: In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted outside the main gate of the OC San's Administration Building located at 10844 Ellis Avenue, Fountain Valley, California, and on the OC San's website at www.ocsan.gov not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of the Board of Directors, are available for public inspection in the office of the Clerk of the Board.

AGENDA DESCRIPTION: The agenda provides a brief general description of each item of business to be considered or discussed. The recommended action does not indicate what action will be taken. The Board of Directors may take any action which is deemed appropriate.

MEETING AUDIO: An audio recording of this meeting is available within 24 hours after adjournment of the meeting at <https://ocsd.legistar.com/Calendar.aspx> or by contacting the Clerk of the Board at (714) 593-7433.

NOTICE TO DIRECTORS: To place items on the agenda for a Committee or Board Meeting, the item must be submitted in writing to the Clerk of the Board: Kelly A. Lore, MMC, (714) 593-7433 / klore@ocsan.gov at least 14 days before the meeting.

FOR ANY QUESTIONS ON THE AGENDA, BOARD MEMBERS MAY CONTACT STAFF AT:

General Manager: Jim Herberg, jherberg@ocsan.gov / (714) 593-7300
Asst. General Manager: Lorenzo Tyner, ltyner@ocsan.gov / (714) 593-7550
Asst. General Manager: Rob Thompson, rthompson@ocsan.gov / (714) 593-7310
Director of Human Resources: Celia Chandler, cchandler@ocsan.gov / (714) 593-7202
Director of Engineering: Kathy Millea, kmillea@ocsan.gov / (714) 593-7365
Director of Environmental Services: Lan Wiborg, lwiborg@ocsan.gov / (714) 593-7450
Director of Operations & Maintenance: Riaz Moinuddin, rmoinuddin@ocsan.gov / (714) 593-7269

CALL TO ORDER

ROLL CALL AND DECLARATION OF QUORUM:

Clerk of the Board

PUBLIC COMMENTS:

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You may also submit comments and questions for consideration during the meeting by using the eComment feature available online at: <https://ocsd.legistar.com/Calendar.aspx>. The eComment feature will be available for the duration of the meeting.

All written public comments will be provided to the legislative body and may be read into the record or compiled as part of the record.

REPORTS:

The Board Chairperson and the General Manager may present verbal reports on miscellaneous matters of general interest to the Directors. These reports are for information only and require no action by the Directors.

CONSENT CALENDAR:

Consent Calendar Items are considered to be routine and will be enacted, by the Committee, after one motion, without discussion. Any items withdrawn from the Consent Calendar for separate discussion will be considered in the regular order of business.

1. APPROVAL OF MINUTES [2022-2475](#)

RECOMMENDATION:

Approve Minutes of the Regular Meeting of the Steering Committee held July 27, 2022.

Originator: Kelly Lore

Attachments: [Agenda Report](#)
[07-27-2022 Steering Committee Minutes](#)

NON-CONSENT:**2. CREATION OF AD HOC COMMITTEE RE: GENERAL MANAGER RECRUITMENT [2022-2494](#)****RECOMMENDATION:**

Appoint an Ad Hoc Committee of the Board of Directors consisting of five members re: General Manager Recruitment.

Originator: Kelly Lore

Attachments: [Agenda Report](#)

INFORMATION ITEMS:

None.

DEPARTMENT HEAD REPORTS:**CLOSED SESSION:**

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters, pursuant to Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information.

CONVENE IN CLOSED SESSION.**CS-1 CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE SECTION 54957.6 [2022-2477](#)**

RECOMMENDATION: Convene in Closed Session:

Designated Representatives: General Manager James Herberg, Assistant General Managers Lorenzo Tyner and Rob Thompson, Director of Human Resources Celia Chandler, and Chief Negotiator Laura Kalty.

Employee Organizations: (1)

International Union of Operating Engineers, Local 501.

Attachments: [Agenda Report](#)
[GC Memo Steering - Labor Negotiations 8-24-22](#)

CS-2 CONFERENCE WITH LEGAL COUNSEL RE EXISTING LITIGATION - [2022-2480](#)
GOVERNMENT CODE SECTION 54956.9(d)(1)

RECOMMENDATION: Convene in Closed Session:

Number of Cases: 3

- A. Robert Morris v. Orange County Sanitation District Permissibly Self-Insured; Claim No. 554823; WCAB No. ADJ11104064.
- B. Bayside Village Marina, LLC v. Orange County Sanitation District; Orange County Sanitation District Board of Directors; and Does 1-25, Inclusive, Superior Court of the State of California for the County of Orange - Central Justice Center Case No. 30-2021-01194238-CU-WM-CXC.
- C. Orange County Sanitation District, a public entity v. Bayside Village Marina, LLC, a limited liability company; Laguna Beach County Water District, a public entity; and Does 1-100, inclusive; and all Persons Unknown Claiming an Interest in the Property, Superior Court of California, County of Orange, Case No. 30-2022-01251890.

Attachments: [Agenda Report](#)
[GC Memo Steering - Robert Morris Litigation 8-24-22](#)
[GC Memo Steering - Bayside Village CEQA Existing Litigation 8-24-22](#)
[GC Memo Steering - Bayside Village Eminent Domain Existing Litigation 8-24-22](#)

CS-3 CONFERENCE WITH LEGAL COUNSEL RE ANTICIPATED [2022-2436](#)
LITIGATION - GOVERNMENT CODE SECTION 54956.9(d)(4)

RECOMMENDATION: Convene in Closed Session:

Number of Potential Cases: 1

Potential initiation of litigation regarding Cost Recovery for PFAs contamination.

Attachments: [Agenda Report](#)
[GC Memo Steering - PFAs Contamination Anticipated Litigation 8-24-22](#)

**CS-4 CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE [2022-2487](#)
SECTION 54957.6**

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner, and Director of Human Resources Celia Chandler.

Unrepresented Employees: Confidential Group: Assistant Clerk of the Board; Clerk of the Board; Human Resources Analyst; Human Resources Assistant; Human Resources Supervisor; Secretary to the General Manager; Senior Human Resources Analyst; and Principal Human Resources Analyst.

Attachments: [Agenda Report](#)
[GC Memo Steering - Labor Negotiations \(Confidential\) 8-24-22](#)

**CS-5 CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE [2022-2488](#)
SECTION 54957.6**

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner and Director of Human Resources Celia Chandler.

Unrepresented Employees: Managers Group: Administration Manager; Controller; Engineering Manager; Environmental Laboratory & Ocean Monitoring Manager; Environmental Protection Manager; Human Resources & Risk Manager; IT Systems & Operations Manager; Maintenance Manager; Operations Manager; and Purchasing and Contracts Manager.

Attachments: [Agenda Report](#)
[GC Memo Steering - Labor Negotiations \(Mgrs\) 8-24-22](#)

**CS-6 CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE [2022-2489](#)
SECTION 54957.6**

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner, and Director of Human Resources Celia Chandler.

Unrepresented Employees: Executive Managers Group: Assistant General Manager; Director of Engineering; Director of Environmental Services; Director of Human Resources; and Director of Operations and Maintenance.

Attachments: [Agenda Report](#)
[GC Memo Steering - Labor Negotiations \(Exec Mgrs\) 8-24-22](#)

RECONVENE IN REGULAR SESSION.

CONSIDERATION OF ACTION, IF ANY, ON MATTERS CONSIDERED IN CLOSED SESSION:

OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:

BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:

At this time Directors may request staff to place an item on a future agenda.

ADJOURNMENT:

Adjourn the Committee meeting until the Regular Meeting of the Steering Committee on September 28, 2022 at 5:00 p.m.



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2475

Agenda Date: 8/24/2022

Agenda Item No: 1.

FROM: James D. Herberg, General Manager
Originator: Kelly A. Lore, Clerk of the Board

SUBJECT:

APPROVAL OF MINUTES

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Approve Minutes of the Regular Meeting of the Steering Committee held July 27, 2022.

BACKGROUND

In accordance with the Board of Directors Rules of Procedure, an accurate record of each meeting will be provided to the Directors for subsequent approval at the following meeting.

RELEVANT STANDARDS

- Resolution No. OC SAN 21-04

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Minutes of the Steering Committee meeting held July 27, 2022



CALL TO ORDER

A regular meeting of the Steering Committee of the Orange County Sanitation District was called to order by Board Chairman Chad Wanke on Wednesday, July 27, 2022 at 5:02 p.m. in the Administration Building of the Orange County Sanitation District. Chair Wanke stated that the meeting was being held telephonically.

ROLL CALL AND DECLARATION OF QUORUM:

Roll call was taken and a quorum was declared present, as follows:

PRESENT: John Withers, Chad Wanke, Ryan Gallagher, Brooke Jones, Sandra Massa-Lavitt, Jesus Silva and Glenn Parker
ABSENT: None

STAFF PRESENT: Kelly Lore, Clerk of the Board, and Mo Abiodun were present in the Board Room. Jim Herberg, General Manager; Rob Thompson, Assistant General Manager; Lorenzo Tyner, Assistant General Manager; Kathy Millea, Director of Engineering; Riaz Moinuddin, Director of Operations and Maintenance; Lan Wiborg, Director of Environmental Services; Janine Aguilar; Stephanie Barron; Marc Brown; Jennifer Cabral; Thys DeVries; Mike Dorman; Tina Knapp; Laura Maravilla; Rob Michaels; Andrew Nau; Wally Ritchie; Thomas Vu; Eros Yong; and Ruth Zintzun were in attendance telephonically.

OTHERS PRESENT: Brad Hogin, General Counsel, was present in the Board Room. Chief Negotiator Laura Kalty, Liebert Cassidy Whitmore, was in attendance telephonically.

PUBLIC COMMENTS:

None.

REPORTS:

Chair Wanke and General Manager Jim Herberg did not provide reports.

CONSENT CALENDAR:

1. APPROVAL OF MINUTES

[2022-2413](#)

Originator: Kelly Lore

MOVED, SECONDED, AND DULY CARRIED TO:

Approve Minutes of the Regular Meeting of the Steering Committee held June 22, 2022.

AYES: John Withers, Chad Wanke, Ryan Gallagher, Brooke Jones, Sandra Massa-Lavitt, Jesus Silva and Glenn Parker

NOES: None

ABSENT: None

ABSTENTIONS: None

NON-CONSENT:

2. PLANT NO. 2 TRICKLING FILTER “B” ROTARY DISTRIBUTOR MAST REPLACEMENT [2022-2419](#)

Originator: Riaz Moinuddin

Assistant General Manager Rob Thompson provided a PowerPoint presentation that included a video of the trickling filter in operation and additional information regarding the TF-B rotating mechanism failure.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

A. Approve a Sole Source Purchase Order Contract to Ovivo USA, LLC (Ovivo) for a direct replacement Center Mast assembly for the Plant No. 2 Trickling Filter B solids contact, Secondary Treatment, in an amount not to exceed \$507,272, plus applicable sales tax and shipping; and

B. Approve a contingency of \$50,727 (10%).

AYES: John Withers, Chad Wanke, Ryan Gallagher, Brooke Jones, Sandra Massa-Lavitt, Jesus Silva and Glenn Parker

NOES: None

ABSENT: None

ABSTENTIONS: None

3. SUCCESSOR MEMORANDUMS OF UNDERSTANDING FOR THE SUPERVISOR & PROFESSIONAL GROUPS [2022-2445](#)

Originator: Celia Chandler

Chief Negotiator Laura Kalty provided a brief introduction and explanation of the item.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Adopt Resolution No. OC SAN 22-22, entitled, "A Resolution of the Board of Directors of the Orange County Sanitation District approving the Memoranda of Understanding (MOU) between the Orange County Sanitation District and the Supervisory and Professional Management Group, for Fiscal Years 2022/2023, 2023/2024 & 2024/2025"; and
- B. Direct staff to finalize and sign the Memoranda of Understanding (MOUs) between Orange County Sanitation District and the two (2) Supervisory and Professional Management Group bargaining units.
- C. Approve upgrades of the following classifications: Chief Plant Operator (SUP88 to SUP90), Information Technology Supervisor (SUP88 to SUP90), and Maintenance Supervisor (SUP82 to SUP84).

AYES: John Withers, Chad Wanke, Ryan Gallagher, Brooke Jones, Sandra Massa-Lavitt, Jesus Silva and Glenn Parker

NOES: None

ABSENT: None

ABSTENTIONS: None

4. **SUCCESSOR MEMORANDUMS OF UNDERSTANDING FOR THE ORANGE COUNTY EMPLOYEES ASSOCIATION** [2022-2446](#)

Originator: Celia Chandler

Chief Negotiator Laura Kalty provided a brief introduction and explanation of the item.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Adopt Resolution No. OC SAN 22-23, entitled, A Resolution of the Board of Directors of the Orange County Sanitation District approving the Memoranda of Understanding (MOU) between the Orange County Sanitation District and the Orange County Employees Association (OCEA), for Fiscal Years 2022/2023, 2023/2024 & 2024/2025"; and
- B. Direct staff to finalize and sign the Memoranda of Understanding (MOUs) between Orange County Sanitation District and the three (3) OCEA bargaining units.

AYES: John Withers, Chad Wanke, Ryan Gallagher, Brooke Jones, Sandra Massa-Lavitt, Jesus Silva and Glenn Parker

NOES: None

ABSENT: None

ABSTENTIONS: None

INFORMATION ITEMS:

None.

DEPARTMENT HEAD REPORTS:

None.

CLOSED SESSION:**CONVENED IN CLOSED SESSION PURSUANT TO GOVERNMENT CODE SECTION 54957.6.**

The Committee convened in closed session at 5:25 p.m. Confidential minutes of the Closed Session have been prepared in accordance with the above Government Code Section and are maintained by the Clerk of the Board in the Official Book of Confidential Minutes of Board and Committee Closed Session meetings.

**CS-1 CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT [2022-2439](#)
CODE SECTION 54957.6**

CONVENED IN CLOSED SESSION:

Designated Representatives: General Manager James Herberg, Assistant General Managers Lorenzo Tyner and Rob Thompson, Director of Human Resources Celia Chandler, and Chief Negotiator Laura Kalty.

Employee Organizations: (1)

International Union of Operating Engineers, Local 501.

CS-2 PUBLIC EMPLOYEE PERFORMANCE EVALUATION 54957(b)(1) [2022-2438](#)

DID NOT CONVENE IN CLOSED SESSION.

Public Employee Performance Evaluation
Number of Employees: 1

- General Manager

**CS-3 CONFERENCE WITH LEGAL COUNSEL RE EXISTING LITIGATION - [2022-2351](#)
GOVERNMENT CODE SECTION 54956.9(d)(1)**

DID NOT CONVENE IN CLOSED SESSION.

Number of Cases: 1

Heidi M. Janz v. Orange County Sanitation District; Its Board of Directors, Officers, Officials, Agents and Celia Chandler, Director of Human Resources and Does 1 through 10, Superior Court of California, County of Orange, Case No. 30-2021-01208616-CU-OE-CJC.

RECONVENED IN REGULAR SESSION.

The Committee reconvened in regular session at 6:00 p.m.

CONSIDERATION OF ACTION, IF ANY, ON MATTERS CONSIDERED IN CLOSED SESSION:

General Counsel Brad Hogin stated there was no reportable action.

OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:

None.

BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:

None.

ADJOURNMENT:

Chair Wanke declared the meeting adjourned at 6:01 p.m. to the next Regular Steering Committee meeting to be held on Wednesday, August 24, 2022 at 5:00 p.m.

Submitted by:

Kelly A. Lore, MMC
Clerk of the Board



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2494

Agenda Date: 8/24/2022

Agenda Item No: 2.

FROM: Chad P. Wanke, Board Chairman
Originator: Kelly A. Lore, Clerk of the Board

SUBJECT:

CREATION OF AD HOC COMMITTEE RE: GENERAL MANAGER RECRUITMENT

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Appoint an Ad Hoc Committee of the Board of Directors consisting of five members re: General Manager Recruitment.

BACKGROUND

The General Manager has announced his retirement for February 9, 2023. The Board Chairman is recommending the formation of an Ad Hoc Committee consisting of five members to work over the next six months on the recruitment and selection of a new General Manager. The Ad Hoc Committee will make a recommendation to the Board of Directors for the final selection.

RELEVANT STANDARDS

- Plan for and execute succession, minimizing vacant position times
- Resolution No. OC SAN 21-04

PROBLEM

The General Manager has announced his retirement for February 9, 2023.

PROPOSED SOLUTION

Create an Ad Hoc Committee of the Board of Directors for the recruitment and selection of an incoming General Manager.

TIMING CONCERNS

The recruitment and selection process should begin in September 2022, to allow time for a smooth transition.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

The Board of Directors Rules of Procedure Resolution No. OC SAN 21-04 allows the Board Chair to create an Ad Hoc Committee.

FINANCIAL CONSIDERATIONS

N/A

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

N/A



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2477

Agenda Date: 8/24/2022

Agenda Item No: CS-1

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE SECTION 54957.6

RECOMMENDATION: Convene in Closed Session:

Designated Representatives: General Manager James Herberg, Assistant General Managers Lorenzo Tyner and Rob Thompson, Director of Human Resources Celia Chandler, and Chief Negotiator Laura Kalty.

Employee Organizations: (1)

International Union of Operating Engineers, Local 501.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

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RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957, or 54957.6, as noted

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Memorandum from General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

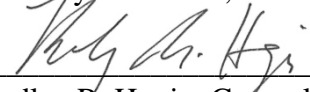
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 16, 2022

RE: Closed Session Items

The Steering Committee will hold a closed session on August 24, 2022 for the purpose of conferring with its labor negotiators to discuss negotiations with the International Union of Operating Engineers, Local 501. The Agency Designated Representatives are James Herberg, Lorenzo Tyner, Rob Thompson, Celia Chandler, and Chief Negotiator Laura Kalty. The closed session will be held pursuant to authority of California Government Code Section 54957.6.

Respectfully submitted,

By: 
Bradley R. Hogin, General Counsel



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2480

Agenda Date: 8/24/2022

Agenda Item No: CS-2

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LEGAL COUNSEL RE EXISTING LITIGATION - GOVERNMENT CODE SECTION 54956.9(D)(1)

RECOMMENDATION: Convene in Closed Session:

Number of Cases: 3

- A. Robert Morris v. Orange County Sanitation District Permissibly Self-Insured; Claim No. 554823; WCAB No. ADJ11104064.
- B. Bayside Village Marina, LLC v. Orange County Sanitation District; Orange County Sanitation District Board of Directors; and Does 1-25, Inclusive, Superior Court of the State of California for the County of Orange - Central Justice Center Case No. 30-2021-01194238-CU-WM-CXC.
- C. Orange County Sanitation District, a public entity v. Bayside Village Marina, LLC, a limited liability company; Laguna Beach County Water District, a public entity; and Does 1-100, inclusive; and all Persons Unknown Claiming an Interest in the Property, Superior Court of California, County of Orange, Case No. 30-2022-01251890.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information.

RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957, or 54957.6, as noted

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Memoranda from General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

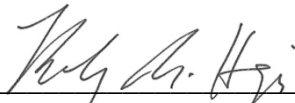
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 16, 2022

RE: Closed Session Item

The Steering Committee desires to hold a closed session August 24, 2022 for the purpose of conferring with its legal counsel regarding existing litigation to which the District is a party. The title of the case *Robert Morris v. Orange County Sanitation District Permissibly Self-Insured*; Claim No. 554823; WCAB No. ADJ11104064. The closed session will be held pursuant to the authority of California Government Code Section 54956.9(d)(1).

Respectfully submitted,

By 
Bradley R. Hogin, General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

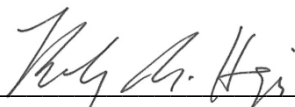
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 16, 2022

RE: Closed Session Item

The Steering Committee desires to hold a closed session on August 24, 2022, for the purpose of conferring with its legal counsel regarding existing litigation to which the District is a party. The title of the case is: *Bayside Village Marina, LLC v. Orange County Sanitation District; Orange County Sanitation District Board of Directors; and Does 1-25, Inclusive*, Superior Court of California, County of Orange, Case No. 30-2021-01194238-CU-WM-CXC. The closed session will be held pursuant to the authority of California Government Code Section 54956.9(d)(1).

Respectfully submitted,

By 
Bradley R. Hogin, General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

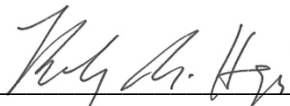
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 16, 2022

RE: Closed Session Item

The Steering Committee desires to hold a closed session on August 24, 2022, for the purpose of conferring with its legal counsel regarding existing litigation to which the District is a party. The title of the case is: *Orange County Sanitation District, a public entity v. Bayside Village Marina, LLC, a limited liability company; Laguna Beach County Water District, a public entity; and Does 1-100, inclusive; and all Persons Unknown Claiming an Interest in the Property*, Superior Court of California, County of Orange, Case No. 30-2022-01251890. The closed session will be held pursuant to the authority of California Government Code Section 54956.9(d)(1).

Respectfully submitted,

By 
Bradley R. Hogin, General Counsel



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2436

Agenda Date: 8/24/2022

Agenda Item No: CS-3

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LEGAL COUNSEL RE ANTICIPATED LITIGATION - GOVERNMENT CODE SECTION 54956.9(d)(4)

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Convene in Closed Session:

Number of Potential Cases: 1

Potential initiation of litigation regarding Cost Recovery for PFAs contamination.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information.

RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957, or 54957.6, as noted

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Memorandum from General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

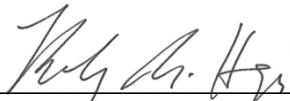
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 16, 2022

RE: Closed Session Item

The Steering Committee desires to hold a closed session on August 24, 2022, for the purpose of conferring with its legal counsel regarding anticipated litigation. Existing facts and circumstances reflect a significant exposure to litigation against the District. The facts and circumstances are as follows: Chemicals known as “PFAs” may be present in wastewater. In recent years, PFAs have become contaminants of emerging concern. Water agencies have discovered widespread PFAs contamination in groundwater supplies; Congress has considered designating PFAs as a hazardous substance under the federal superfund law; and the State Water Resources Control Board has ordered all publicly owned treatment works to test influent and effluent for the presence of PFAs. Future regulatory requirements may impose additional costs on OC San. The closed session will be held pursuant to the authority of California Government Code Section 54956.9(d)(4).

Respectfully submitted,

By 
Bradley R. Hogin, General Counsel



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2487

Agenda Date: 8/24/2022

Agenda Item No: CS-4

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE SECTION 54957.6

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner, and Director of Human Resources Celia Chandler.

Unrepresented Employees: Confidential Group: Assistant Clerk of the Board; Clerk of the Board; Human Resources Analyst; Human Resources Assistant; Human Resources Supervisor; Secretary to the General Manager; Senior Human Resources Analyst; and Principal Human Resources Analyst.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information

RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted

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- Memorandum from General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

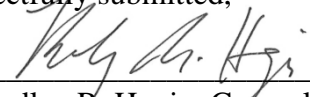
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 17, 2022

RE: Closed Session Items

The Steering Committee will hold a closed session on August 24, 2022 for the purpose of conferring with its labor negotiators to discuss negotiations with the Unrepresented Employees: Confidential Group: Assistant Clerk of the Board; Clerk of the Board; Human Resources Analyst; Human Resources Assistant; Human Resources Supervisor; Secretary to the General Manager; Senior Human Resources Analyst; and Principal Human Resources Analyst. The District's labor negotiators are James Herberg, Lorenzo Tyner and Celia Chandler. The closed session will be held pursuant to authority of California Government Code Section 54957.6.

Respectfully submitted,

By: 
Bradley R. Hogin, General Counsel



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2488

Agenda Date: 8/24/2022

Agenda Item No: CS-5

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE SECTION 54957.6

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner and Director of Human Resources Celia Chandler.

Unrepresented Employees: Managers Group: Administration Manager; Controller; Engineering Manager; Environmental Laboratory & Ocean Monitoring Manager; Environmental Protection Manager; Human Resources & Risk Manager; IT Systems & Operations Manager; Maintenance Manager; Operations Manager; and Purchasing and Contracts Manager.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information

RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted

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TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

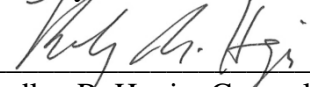
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 17, 2022

RE: Closed Session Items

The Steering Committee will hold a closed session on August 24, 2022 for the purpose of conferring with its labor negotiators to discuss negotiations with the Unrepresented Employees: Managers Group: Administration Manager; Controller; Engineering Manager; Environmental Laboratory & Ocean Monitoring Manager; Environmental Protection Manager; Human Resources & Risk Manager; IT Systems & Operations Manager; Maintenance Manager; Operations Manager; and Purchasing & Contracts Manager. The District's labor negotiators are James Herberg, Lorenzo Tyner and Celia Chandler. The closed session will be held pursuant to authority of California Government Code Section 54957.6.

Respectfully submitted,

By: 
Bradley R. Hogin, General Counsel



STEERING COMMITTEE

Agenda Report

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2489

Agenda Date: 8/24/2022

Agenda Item No: CS-6

FROM: James D. Herberg, General Manager

SUBJECT:

CONFERENCE WITH LABOR NEGOTIATORS - GOVERNMENT CODE SECTION 54957.6

RECOMMENDATION: Convene in Closed Session:

Agency Designated Representatives: General Manager James Herberg, Assistant General Manager Lorenzo Tyner, and Director of Human Resources Celia Chandler.

Unrepresented Employees: Executive Managers Group: Assistant General Manager; Director of Engineering; Director of Environmental Services; Director of Human Resources; and Director of Operations and Maintenance.

BACKGROUND

During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chairperson may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information

RELEVANT STANDARDS

- Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted

ATTACHMENT

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- Memorandum from General Counsel

MEMORANDUM

TO: Hon. Chair and Members of the Orange County Sanitation District Steering Committee

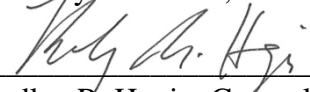
FROM: Bradley R. Hogin, Esq.
General Counsel

DATE: August 17, 2022

RE: Closed Session Items

The Steering Committee will hold a closed session on August 24, 2022 for the purpose of conferring with its labor negotiators to discuss negotiations with the Executive Managers Group: Assistant General Manager, Director of Engineering, Director of Environmental Services, Director of Human Resources, and Director of Operations and Maintenance. The District's labor negotiators are James Herberg, Lorenzo Tyner and Celia Chandler. The closed session will be held pursuant to authority of California Government Code Section 54957.6.

Respectfully submitted,

By: 
Bradley R. Hogin, General Counsel

ORANGE COUNTY SANITATION DISTRICT COMMON ACRONYMS

| | | | | | |
|---------------|---|------------------|---|----------------|--|
| ACWA | Association of California Water Agencies | LOS | Level Of Service | RFP | Request For Proposal |
| APWA | American Public Works Association | MGD | Million Gallons Per Day | RWQCB | Regional Water Quality Control Board |
| AQMD | Air Quality Management District | MOU | Memorandum of Understanding | SARFPA | Santa Ana River Flood Protection Agency |
| ASCE | American Society of Civil Engineers | NACWA | National Association of Clean Water Agencies | SARI | Santa Ana River Interceptor |
| BOD | Biochemical Oxygen Demand | NEPA | National Environmental Policy Act | SARWQCB | Santa Ana Regional Water Quality Control Board |
| CARB | California Air Resources Board | NGOs | Non-Governmental Organizations | SAWPA | Santa Ana Watershed Project Authority |
| CASA | California Association of Sanitation Agencies | NPDES | National Pollutant Discharge Elimination System | SCADA | Supervisory Control And Data Acquisition |
| CCTV | Closed Circuit Television | NWRI | National Water Research Institute | SCAP | Southern California Alliance of Publicly Owned Treatment Works |
| CEQA | California Environmental Quality Act | O & M | Operations & Maintenance | SCAQMD | South Coast Air Quality Management District |
| CIP | Capital Improvement Program | OCCOG | Orange County Council of Governments | SOCWA | South Orange County Wastewater Authority |
| CRWQCB | California Regional Water Quality Control Board | OCHCA | Orange County Health Care Agency | SRF | Clean Water State Revolving Fund |
| CWA | Clean Water Act | OCSD | Orange County Sanitation District | SSMP | Sewer System Management Plan |
| CWEA | California Water Environment Association | OCWD | Orange County Water District | SSO | Sanitary Sewer Overflow |
| EIR | Environmental Impact Report | OOBS | Ocean Outfall Booster Station | SWRCB | State Water Resources Control Board |
| EMT | Executive Management Team | OSHA | Occupational Safety and Health Administration | TDS | Total Dissolved Solids |
| EPA | US Environmental Protection Agency | PCSA | Professional Consultant/Construction Services Agreement | TMDL | Total Maximum Daily Load |
| FOG | Fats, Oils, and Grease | PDSA | Professional Design Services Agreement | TSS | Total Suspended Solids |
| gpd | gallons per day | PFAS | Per- and Polyfluoroalkyl Substances | WDR | Waste Discharge Requirements |
| GWRS | Groundwater Replenishment System | PFOA | Perfluorooctanoic Acid | WEF | Water Environment Federation |
| ICS | Incident Command System | PFOS | Perfluorooctanesulfonic Acid | WERF | Water Environment & Reuse Foundation |
| IERP | Integrated Emergency Response Plan | POTW | Publicly Owned Treatment Works | WIFIA | Water Infrastructure Finance and Innovation Act |
| JPA | Joint Powers Authority | ppm | parts per million | WIIN | Water Infrastructure Improvements for the Nation Act |
| LAFCO | Local Agency Formation Commission | PSA | Professional Services Agreement | WRDA | Water Resources Development Act |

ORANGE COUNTY SANITATION DISTRICT GLOSSARY OF TERMS

ACTIVATED SLUDGE PROCESS – A secondary biological wastewater treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen and consume dissolved nutrients in the wastewater.

BENTHOS – The community of organisms, such as sea stars, worms, and shrimp, which live on, in, or near the seabed, also known as the benthic zone.

BIOCHEMICAL OXYGEN DEMAND (BOD) – The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

BIOGAS – A gas that is produced by the action of anaerobic bacteria on organic waste matter in a digester tank that can be used as a fuel.

BIOSOLIDS – Biosolids are nutrient rich organic and highly treated solid materials produced by the wastewater treatment process. This high-quality product can be recycled as a soil amendment on farmland or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

CAPITAL IMPROVEMENT PROGRAM (CIP) – Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

COLIFORM BACTERIA – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere, used as indicators of sewage pollution. E. coli are the most common bacteria in wastewater.

COLLECTIONS SYSTEM – In wastewater, it is the system of typically underground pipes that receive and convey sanitary wastewater or storm water.

CERTIFICATE OF PARTICIPATION (COP) – A type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues.

CONTAMINANTS OF POTENTIAL CONCERN (CPC) – Pharmaceuticals, hormones, and other organic wastewater contaminants.

DILUTION TO THRESHOLD (D/T) – The dilution at which the majority of people detect the odor becomes the D/T for that air sample.

GREENHOUSE GASES (GHG) – In the order of relative abundance water vapor, carbon dioxide, methane, nitrous oxide, and ozone gases that are considered the cause of global warming (“greenhouse effect”).

GROUNDWATER REPLENISHMENT SYSTEM (GWRS) – A joint water reclamation project that proactively responds to Southern California’s current and future water needs. This joint project between the Orange County Water District and OCSD provides 70 million gallons per day of drinking quality water to replenish the local groundwater supply.

LEVEL OF SERVICE (LOS) – Goals to support environmental and public expectations for performance.

N-NITROSODIMETHYLAMINE (NDMA) – A N-nitrosamine suspected cancer-causing agent. It has been found in the GWRS process and is eliminated using hydrogen peroxide with extra ultra-violet treatment.

NATIONAL BIOSOLIDS PARTNERSHIP (NBP) – An alliance of the NACWA and WEF, with advisory support from the EPA. NBP is committed to developing and advancing environmentally sound and sustainable biosolids management practices that go beyond regulatory compliance and promote public participation to enhance the credibility of local agency biosolids programs and improved communications that lead to public acceptance.

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) – A large group (over 6,000) of human-made compounds that are resistant to heat, water, and oil and used for a variety of applications including firefighting foam, stain and water-resistant clothing, cosmetics, and food packaging. Two PFAS compounds, perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) have been the focus of increasing regulatory scrutiny in drinking water and may result in adverse health effects including developmental effects to fetuses during pregnancy, cancer, liver damage, immunosuppression, thyroid effects, and other effects.

PERFLUOROCTANOIC ACID (PFOA) – An ingredient for several industrial applications including carpeting, upholstery, apparel, floor wax, textiles, sealants, food packaging, and cookware (Teflon).

PERFLUOROCTANESULFONIC ACID (PFOS) – A key ingredient in Scotchgard, a fabric protector made by 3M, and used in numerous stain repellents.

PLUME – A visible or measurable concentration of discharge from a stationary source or fixed facility.

PUBLICLY OWNED TREATMENT WORKS (POTW) – A municipal wastewater treatment plant.

SANTA ANA RIVER INTERCEPTOR (SARI) LINE – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the ocean for disposal, after treatment.

SANITARY SEWER – Separate sewer systems specifically for the carrying of domestic and industrial wastewater.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) – Regional regulatory agency that develops plans and regulations designed to achieve public health standards by reducing emissions from business and industry.

SECONDARY TREATMENT – Biological wastewater treatment, particularly the activated sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

SLUDGE – Untreated solid material created by the treatment of wastewater.

TOTAL SUSPENDED SOLIDS (TSS) – The amount of solids floating and in suspension in wastewater.

ORANGE COUNTY SANITATION DISTRICT GLOSSARY OF TERMS

TRICKLING FILTER – A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in wastewater as it trickles over them.

URBAN RUNOFF – Water from city streets and domestic properties that carry pollutants into the storm drains, rivers, lakes, and oceans.

WASTEWATER – Any water that enters the sanitary sewer.

WATERSHED – A land area from which water drains to a particular water body. OCSD's service area is in the Santa Ana River Watershed.