

Written materials relating to an item on this agenda that are distributed to the legislative bodies within 72 hours before the item is to be considered at its regularly scheduled meeting will be made available for public inspection at the City Clerk's Office, 300 West Third Street 4th Floor during customary business hours. Agenda reports are also on the City of Oxnard web site at www.oxnard.org.



AGENDA
OXNARD CITY COUNCIL
PUBLIC WORKS AND TRANSPORTATION COMMITTEE
Council Chambers, 305 West Third Street
September 23, 2025
Regular Meeting - 6:45 PM to 8:15 PM

Zoom details to call-in for public comment during a meeting:

1. Dial Phone Number: (888) 475-4499
2. Enter Meeting ID: 857 7983 7783
3. Passcode: 183959

If you wish to speak during public comments or a particular item on the agenda, please sign-on by following the zoom call-in steps listed above. Once the presiding officer calls for public speakers, press *9 to raise your hand to inform the City Clerk you would like to speak during the public speaking section for that particular item on the agenda, while in the zoom waiting room. Press *6 when asked to unmute. Listen to the instructions provided virtually on the phone while on hold in the zoom waiting room. Please note that there is a slight time delay when viewing the meeting via television.

IN ACCORDANCE WITH ASSEMBLY BILL 2449, MEMBERS OF THE LEGISLATIVE BODY MAY MEET IN-PERSON OR REMOTELY. TO PARTICIPATE REMOTELY VISIT WWW.OXNARD.ORG.

To find out how you may provide public comment, please refer to the instructions below or at [www.https://www.oxnard.org/city-meetings/](https://www.oxnard.org/city-meetings/).

The public may view the meeting from home on Spectrum channel 10, Frontier channel 35, or YouTube at [Youtube.com/oxnardnews](https://www.youtube.com/oxnardnews). Video recordings of the meeting are typically available online following the meeting at the City's website at www.oxnard.org/city-meetings.

*Please see the link for the Measure M pre-recorded presentation video for each item listed on this agenda.

YOU MAY PARTICIPATE IN THE MEETING IN THE FOLLOWING WAYS:

1. ATTEND THE MEETING AT THE LOCATION LISTED ABOVE: Submit a speaker card to the City Clerk.
2. EMAIL COMMENTS OR SIGN UP TO SPEAK REMOTELY BEFORE THE MEETING
 - a. Submit a request to speak remotely by no later than 3 p.m. on the day of the meeting by using the form available at www.oxnard.org/citymeetings.
 - b. Submit an email to cityclerk@oxnard.org no later than 3 p.m. on the day of the meeting (indicate the agenda item number in the subject line). All email correspondence will be forwarded to the legislative body prior to the start of the meeting and made part of the legislative record.
 - c. Contact the City Clerk's Office at (805) 385-7803 to submit your request.
3. PROVIDING PUBLIC COMMENTS REMOTELY DURING THE MEETING
 - a. To provide public comment during the meeting dial (888) 475-4499 and enter the Meeting ID and Passcode listed above as the Zoom details for this meeting. When the presiding officer announces the particular item on the agenda you want to speak on, press *9 to raise your hand while in the zoom waiting room. Once called on, press *6 to unmute your phone.

In compliance with the Americans with Disabilities Act, if you require special assistance to participate in a meeting, please contact the City Clerk's Office at 385-7803. Notice at least 72 hours prior to the meeting will enable the City to reasonably arrange for your accessibility to the meeting.

Agenda Item Time Estimates include: (Minutes for Presentation + Council Discussion + Public Comment)

- b. Public comments on agenda items will be taken following the announcement of the item. After the item is announced, members of the public may register or otherwise be recognized for the purpose of providing public comment.

Please review the Zoom instructions on the registration page to help ensure there are no technical difficulties during your comments and help you understand public comment procedures using Zoom. Detailed participation instructions can be found at www.oxnard.org/city-meetings.

In the event of a disruption which prevents a legislative body of the City of Oxnard from broadcasting a meeting using a call-in option or internet-based service option, or in the event of a disruption within the City's control which prevents members of the public from offering public comment using the call-in option or internet-based service option, the legislative body shall take no further action on items appearing on a meeting agenda until public access to the meeting via the call-in option or internet-based service option is restored. However, if any of the broadcast options are disrupted, but any of the other broadcast options is still available to the public, the legislative body may take further action on items appearing on a meeting agenda without waiting for the disrupted broadcast option(s) to be restored.

A. ROLL CALL, POSTING OF AGENDA, FLAG SALUTE

Consideration of Teleconference Participation pursuant to Assembly Bill 2449.

B. PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA AND NON-ACTION ITEMS

A person may address the legislative body only on matters not appearing on the agenda and within the subject matter jurisdiction of the legislative body, and on non-action items such as ceremonial items, report of city manager / executive director / secretary, and city council/ housing authority / successor agency / financing authority business / committee reports. Speaker requests shall be submitted as set forth on the first page of this agenda. Speakers are limited to three minutes. After 30 minutes, if all speakers have not had the opportunity to speak, the remaining speakers will be given an opportunity to speak prior to adjournment of the meeting. The legislative body cannot enter into a detailed discussion or take action on any items presented during public comments at this time. Such items may only be referred to the City Manager / Executive Director / Secretary for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on public hearing items should do so at the time of the hearing.

C. CONSENT AGENDA

1. City Clerk Department

SUBJECT: Approval of Minutes.

RECOMMENDATION: That the Public Works and Transportation Committee approve the minutes of the September 9, 2025 regular meeting as presented.

Contact: Luly Lopez, (805) 385-7805

D. REPORTS

1. Public Works Department

SUBJECT: Channel Island Harbor Water Quality Update from the Channel Island Neighborhood Council Marine Advisory Committee. (10 minutes)

RECOMMENDATION: That the Public Works and Transportation Committee forward an update regarding Channel Island Harbor water quality from the Channel Island Neighborhood Council Marine Advisory Committee to the City Council as a receive and file item.

(Live presentation by the Marine Advisory Committee.)

Contact: Michael Wolfe, (805) 385-8055

E. ITEMS FOR FUTURE AGENDAS

F. ADJOURNMENT



**PUBLIC WORKS AND TRANSPORTATION COMMITTEE
AGENDA REPORT**

**CONSENT AGENDA
AGENDA ITEM NO. C.1**

DATE: September 23, 2025

TO: Public Works and Transportation Committee

FROM: Luly Lopez, City Clerk, (805) 385-7805, luly.lopez@oxnard.org

SUBJECT: Approval of Minutes.

RECOMMENDATION

That the Public Works and Transportation Committee approve the minutes of the September 9, 2025 regular meeting as presented.

BACKGROUND

Approval of minutes.

STRATEGIC PRIORITIES

This agenda item is a routine operational item or does not relate to the five strategic priorities adopted by City Council on March 16, 2021.

FINANCIAL IMPACT

There is no financial impact.

Prepared by: Luly Lopez, City Clerk

ATTACHMENTS

1. Minutes of the Public Works and Transportation Committee for September 9 2025

MINUTES
OXNARD CITY COUNCIL
PUBLIC WORKS AND TRANSPORTATION COMMITTEE
Regular Meeting
September 9, 2025

A. ROLL CALL, POSTING OF AGENDA, FLAG SALUTE

At 6:46 p.m., Chair Luis A. Mc Arthur called to order the regular meeting of the Oxnard City Council Public Works and Transportation Committee in the City Hall Council Chambers at 305 West Third Street, Oxnard, California. The City Clerk called the roll and announced the posting of the agenda. Chair Luis A. Mc Arthur, Member Gabriela Basua and Vice Chair Gabe Teran (via videoconference) were present. Vice Chair Gabe Teran participated virtually as noted on the agenda. Saluted the flag.

Staff members present were Alexander Nguyen, City Manager; Michael Wolfe, Public Works Director; Tim Beaman, Assistant Public Works Director; Anthony Miller, Special Districts Manager; Tai Chau, Assistant Community Development Director; Michelle McCarron, Assistant City Attorney (via videoconference) and Lourdes A. López, City Clerk.

Consideration of Teleconference Participation pursuant to Assembly Bill 2449.

B. PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA AND NON-ACTION ITEMS

No public comments were received.

C. CONSENT AGENDA

1. City Clerk Department

SUBJECT: Approval of Minutes.

RECOMMENDATION: That the Public Works and Transportation Committee approve the minutes of the July 8 and 22, 2025 regular meetings as presented.

No public comments were received.

It was moved by Vice Chair Teran, seconded by Member Basua, to approve the Information/Consent item as presented. VOTE: Basua, Teran and Mc Arthur voted in favor; the motion carried 3-0.

D. REPORTS

1. Public Works Department

SUBJECT: Multiple Agreements for On-Call Real Property Services and Right of Way Acquisition. (10 minutes)

RECOMMENDATION: That the Public Works and Transportation Committee recommend that the City Council approve and authorize the Mayor to execute the following Agreements, each with an initial term of one year from October 9, 2025 to October 8, 2026, with an option for four consecutive one-year period extensions ending October 8, 2030, for on-call Professional Real Property Services and Right of Way Acquisition:

1. Agreement 32600016 with Beacon Integrated Professional Resources, Inc. DBA Hamner, Jewell & Associates for a total amount not to exceed \$500,000;
2. Agreement 32600017 with Bender Rosenthal, Inc. for a total amount not to exceed \$500,000; and
3. Agreement 32600018 with Clark Land Resources, Inc. for a total amount not to exceed \$500,000.

No public comments were received.

It was moved by Member Basua, seconded by Vice Chair Teran, to approve the recommended action as presented. VOTE: Teran, Basua and Mc Arthur voted in favor; the motion carried 3-0.

2. Public Works Department

SUBJECT: Multiple Agreements for On-Call Landscape Architect Services. (10 minutes)

RECOMMENDATION: That the Public Works and Transportation Committee recommend that the City Council approve and authorize the Mayor to execute the following Agreements, each with an initial term of three years from October 8, 2025, to October 7, 2028, with an option for two consecutive one-year period extensions ending October 7, 2030, for on-call Professional Landscape Architect Services:

1. Agreement 32600006 with David Volz Design Landscape Architects, Inc. DBA David Volz Design for a total amount not to exceed \$750,000;
2. Agreement 32600007 with IDS Group, Inc. for a total amount not to exceed \$750,000;
3. Agreement 32600008 with Pacific Coast Land Design, Inc. for a total amount not to exceed \$750,000; and
4. Agreement 32600009 with RJM Design Group, Inc. for a total amount not to exceed \$750,000.

No public comments were received.

It was moved by Chair Mc Arthur, seconded by Member Basua, to approve the recommended action as presented. VOTE: Mc Arthur, Basua and Teran voted in favor; the motion carried 3-0.

3. Public Works Department

SUBJECT: FY 2025-26 Harbour Island Homeowners Association Donation to Waterways Maintenance Assessment District Zone 2 - Harbour Island (Agreement A-8597) and Budget Adjustment. (10 minutes)

RECOMMENDATION: That the Public Works and Transportation Committee recommend the City Council, acting as the legislative body of the Waterways Maintenance Assessment District, approve and authorize:

1. Acceptance of a \$17,400 donation from the Harbour Island Homeowners Association (HOA) to support landscape maintenance and on-call services within the Harbour Island linear park; and
2. Approval of Agreement A-8597, entered by and between the City of Oxnard and the Harbour Island Homeowners Association for the donation; and
3. Approval of associated budget appropriations within Waterways Maintenance Assessment District Zone 2 – Harbour Island Fund (120-40203801) to recognize the full amount of the donation revenue and to authorize expenditures up to the full amount of available funding consistent with the specific purposes outlined in the Agreement.

Anthony Miller, Special Districts Manager presented and answered the Committee's questions. Discussion ensued among the Committee and staff. No public comments were received.

It was moved by Member Basua, seconded by Vice Chair Teran, to approve the recommended action as presented. VOTE: Basua, Teran and Mc Arthur voted in favor; the motion carried 3-0.

4. Public Works Department

SUBJECT: Purchase Orders with Gibbs International, Inc. and The Charles Machine Works, Inc. for Heavy Equipment for the Public Works Water Division. (10 minutes)

RECOMMENDATION: The Public Works and Transportation Committee recommends that the City Council approve and authorize the Purchasing Agent to execute two purchase orders for the following:

1. Gibbs International Inc. for a not-to-exceed value up to \$300,000.00 for the purchase of a 2026 HV607 SBA International Truck, 10-Ton Dump Truck (dump truck); and

2. The Charles Machine Works, Inc. for a not-to-exceed value up to \$700,000.00 for the purchase of a 2025 Kenworth T480 with a Ditch Witch Hydro Vacuum Truck/Excavator W8 Standard Package (vacuum truck).

Michael Wolfe, Public Works Director and Tim Beaman, Assistant Public Works Director presented and answered the Committee's questions. Discussion ensued among the Committee and staff. No public comments were received.

It was moved by Member Basua, seconded by Vice Chair Teran, to approve the recommended action as presented. VOTE: Teran, Mc Arthur and Basua voted in favor; the motion carried 3-0.

5. Community Development Department

SUBJECT: Adopting the 2025 City of Oxnard Water System Design and Construction Standards and an Update to the 2002 City of Oxnard Standard Plates and Design Criteria. (10 minutes)

RECOMMENDATION: That the Public Works and Transportation Committee recommend that the City Council:

1. Adopt a resolution approving the 2025 Water System Design and Construction Standards and an update to the 2002 City of Oxnard Standard Plates and Design Criteria for public works construction; and
2. Delegating discretionary authority to the Public Works City Engineer to approve future revisions to the 2025 Water System Design and Construction Standards and 2002 City of Oxnard Standard Plates and Design Criteria; and
3. Authorizing the City Manager to take whatever actions are necessary and appropriate to carry out the purpose and intent of this resolution.

Tai Chau, Assistant Community Development Director and Michelle McCarron, Assistant City Attorney presented and answered the Committee's questions. Discussion ensued among the Committee and staff. No public comments were received.

It was moved by Member Basua, seconded by Vice Chair Teran, to approve the recommended action as presented. VOTE: Mc Arthur, Basua and Teran voted in favor; the motion carried 3-0.

E. ITEMS FOR FUTURE AGENDAS

No requests were made.

F. ADJOURNMENT

There being no further business on the agenda, and without objection, Chair Mc Arthur adjourned the meeting at 7:11 p.m.

LOURDES A. LÓPEZ
City Clerk

LUIS A. MC ARTHUR
Chair



PUBLIC WORKS AND TRANSPORTATION COMMITTEE AGENDA REPORT

REPORTS AGENDA ITEM NO. D.1

DATE: September 23, 2025

TO: Public Works and Transportation Committee

FROM: Michael Wolfe, Public Works Director, (805) 385-8055, michael.wolfe@oxnard.org

SUBJECT: Channel Island Harbor Water Quality Update from the Channel Island Neighborhood Council Marine Advisory Committee. (10 minutes)

RECOMMENDATION

That the Public Works and Transportation Committee forward an update regarding Channel Island Harbor water quality from the Channel Island Neighborhood Council Marine Advisory Committee to the City Council as a receive and file item.

(Live presentation by the Marine Advisory Committee.)

BACKGROUND

The Channel Islands Harbor is a harbor constructed in the 1960s with abutting commercial and residential developments. In June 2018, an algal bloom occurred in the Harbor. The bloom was followed by widespread low levels of dissolved oxygen in the water. This is presumably related to the bacterial decomposition of algae during warm weather conditions. The bloom and subsequent low oxygen event may have been caused or made worse by the changes in the Harbor water circulation occurring after the Mandalay Power Generating Station was decommissioned on March 29, 2018, as mandated by the California State Water Resources Control Board.

Since then, the City of Oxnard ("City"), the County of Ventura ("County"), and residents of the Channel Islands Neighborhood Council ("CINC"), to include a Marine Advisory Committee (MAC), have organized efforts to address water quality issues in the Harbor.

DISCUSSION

On May 7, 2024, the City Council authorized an agreement with Craftwater Engineering Inc to conduct a harbor water quality feasibility study ("Study"). The study is approximately 85% complete and anticipated to be completed before the end of this calendar year. As part of the deliverables from this study, there will be recommendations for projects and programs that can be implemented to help address water quality in the harbor as well as roughly defined program tracks to complete the identified projects.

In advance of the finalization of the Study, the MAC has requested to provide some history on the harbor water quality issue and has created the attached video. The video will be played at the Public Works and Transportation Committee meeting and is available [here](#) for reference. Members of the MAC will be present to answer questions.

STRATEGIC PRIORITIES

This agenda item is a routine operational item or does not relate to the five strategic priorities adopted by City Council on March 16, 2021.

FINANCIAL IMPACT

There is no direct financial impact to receive and file this report.

Prepared by: Steve Howlett, Assistant Public Works Director, Anthony Miller, Special Districts Manager

ATTACHMENTS

1. Presentation

Oxnard Environmental Challenges

➤ Harbor Water Quality

September, 2025

Channel Islands Neighborhood Council (CINC)
Marine Advisory Committee (MAC)



Oxnard Environmental Challenges

➤ Harbor Water Quality

September, 2025

Channel Islands Neighborhood Council (CINC)
Marine Advisory Committee (MAC)



Oxnard Environmental Challenges

- Harbor Water Quality
 - Problem Statement
 - Potential Solutions
 - Project Status
 - Action Items

September, 2025

Channel Islands Neighborhood Council (CINC)
Marine Advisory Committee (MAC)



Funding accomplishments

Has the CI harbor water quality been degraded since the MGS power plant pumps were shut off?

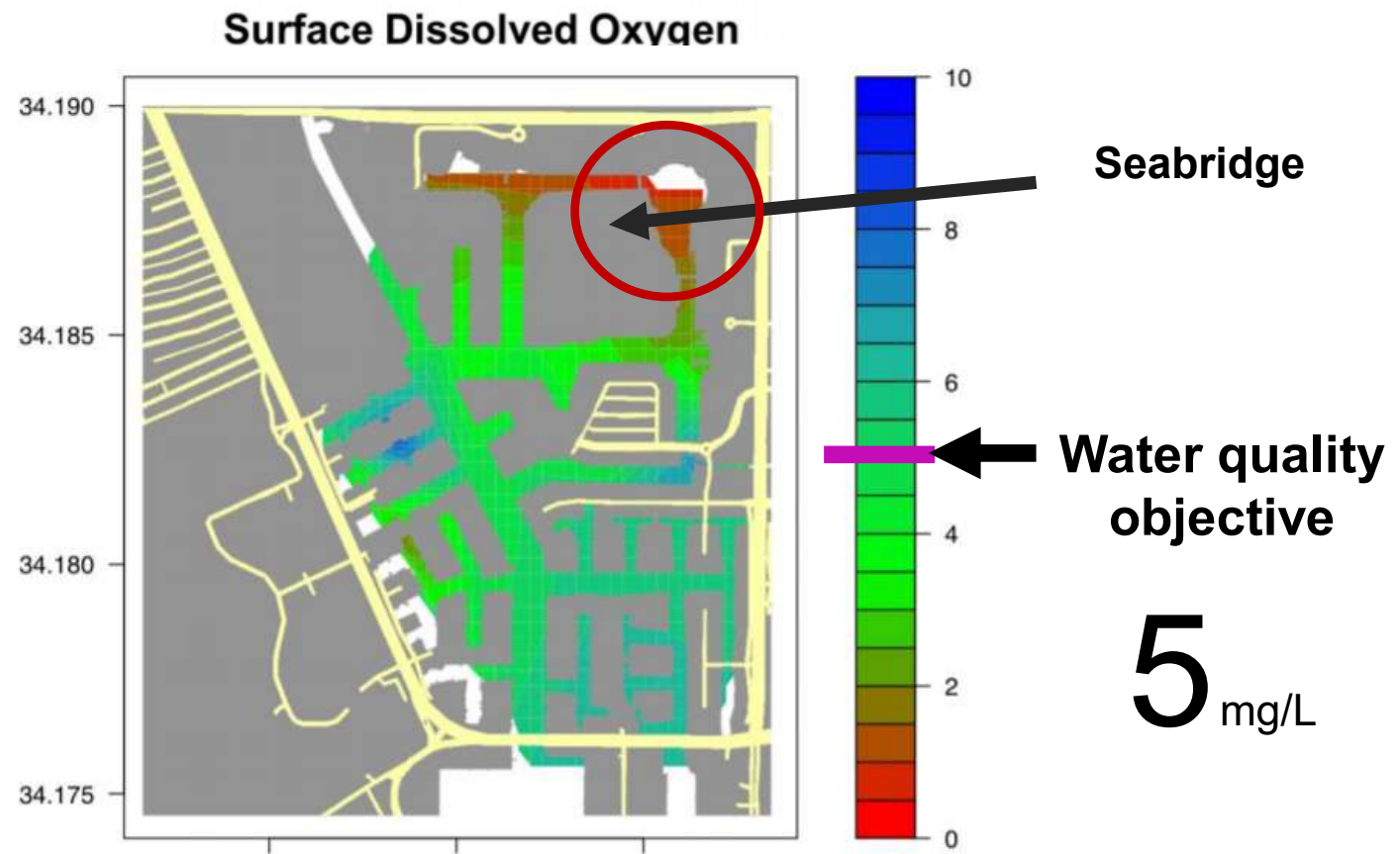
What has caused the degradation?

What are mitigation/remediation options?

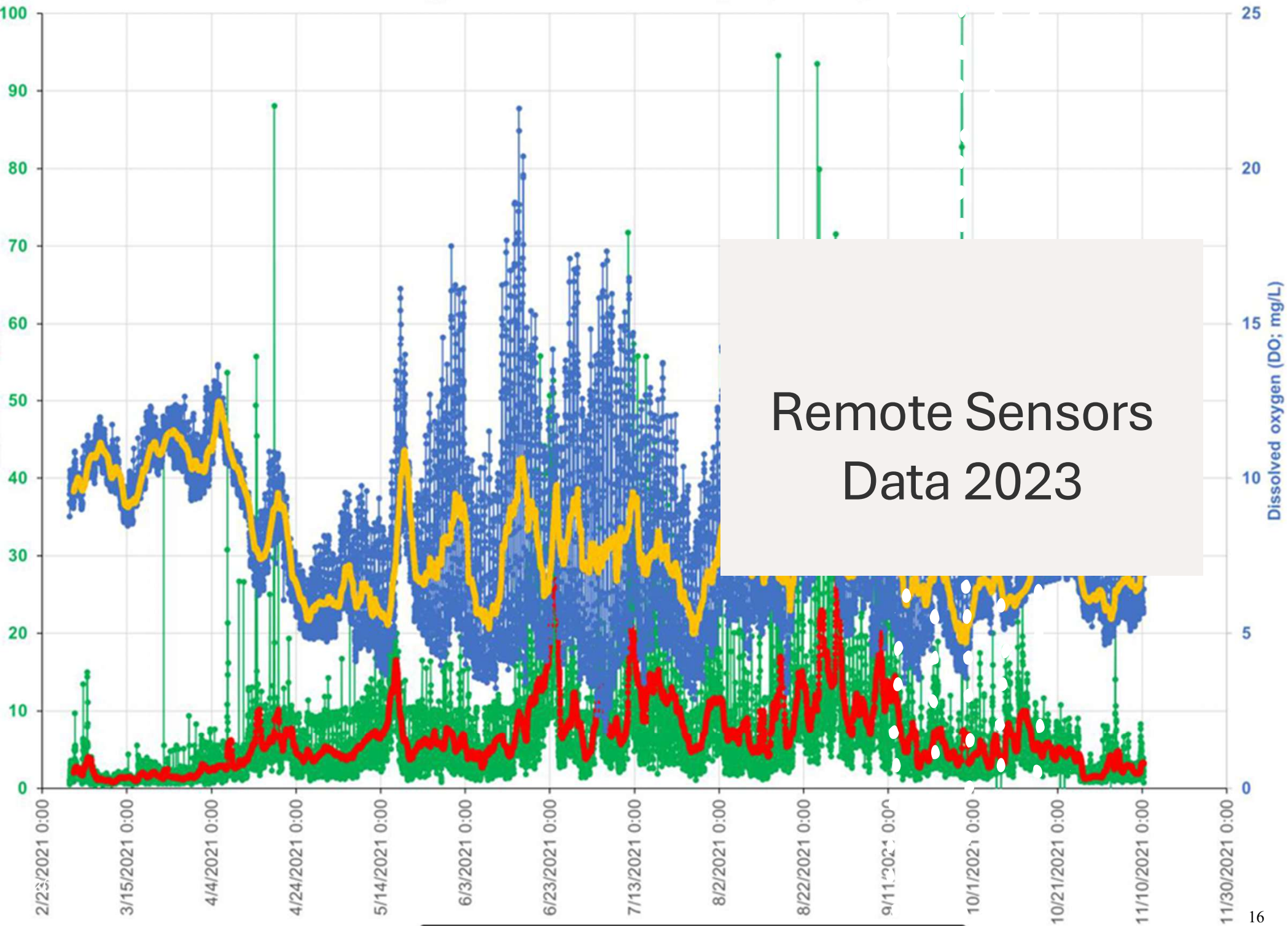
What are other harbors doing?

- Outreach to Water Board, City, County, State, and Federal representatives, NGOs, VCAILG, to raise awareness & seek funding.
- Helped City and County secure \$3.2+million State and ARPA funds.
- Scientific data for 30 monthly samplings uploaded to CEDEN for Water Board 303(d) List (at no cost to City or taxpayers).
- Identified new pollutants and sources.
- Researched mitigation options: Source control, BMP treatments and Dilution.
- Provided input to RFP for **Feasibility Study**.
- Long Beach Alamitos OTC “fish-friendly” pumping solution: Project Schedule/Costs.
- **VenturaWaterPure** Outfall Project approved by Coastal Commission.
Precedent?⁴
- Thanks to support from volunteers, City Council, Ventura Board of Supervisors, VCAILG, and government representatives!

Harmful Algae Bloom: June 2018



Logger 062556 - Located at Westport (Station 7)



Neighbors complained about algae and brown water at Seabridge and Westport in May 2025



CINC Marine Advisory Committee
Mandalay Bay Field Measurements - 2025

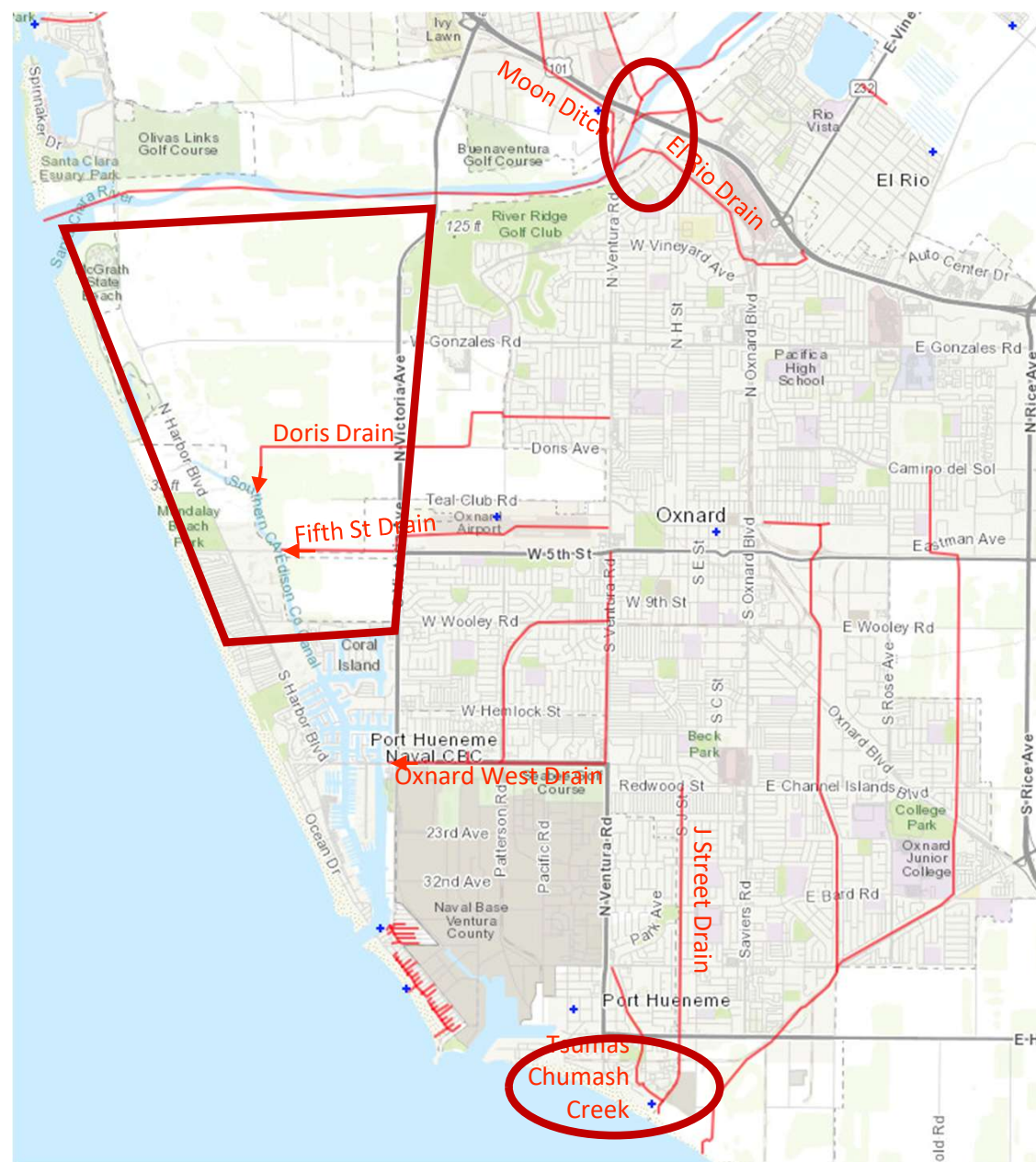
Date	Time	Station	DO Top	DO 2m	pH Top	pH 2m	Temp Top	Temp 2m	Sal Top	Sal 2m	Turbidity NTU	Tide	Comment
06/01/25	8:15 AM	Westport	9.30	2.83	8.08	7.82	20.3	18.9	34.5	34.3	4'	(0.1)	
06/02/25	9:30 AM	CI-07	8.73	5.00	8.04	8.09	20.5	19.9	34.5	34.3	6'	0.3	
06/03/25	7:30 AM	CI-07	7.82	4.56	8.02	7.85	20.5	19.6	34.4	34.3	3'	2.5	
06/04/25	7:40 AM	CI-07	6.54	6.66	7.90	7.95	20.1	19.7	34.5	34.3	3'	1.68	2.6 Turb 2100C
06/05/25	7:50 AM	CI-07	6.34	5.85	7.88	7.90	19.9	19.7	34.3	34.2	7'	1.71	2.9
06/06/25	11:00 AM	CI-07	6.75	5.10	8.63	7.92	19.7	19.6	34.5	34.3	4'	2.30	2.4
06/07/25	10:15 AM	CI-07	6.11	4.64	7.90	7.88	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/08/25	11:40 AM	CI-07	6.89	3.29	7.94	7.81	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/09/25	10:00 AM	CI-07	5.92	7.93	7.97	7.93	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/10/25	9:55 AM	CI-07	7.17	3.32	7.93	7.80	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/11/25	8:00 AM	CI-07	8.92	1.86	8.04	7.68	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/12/25	1:30 PM	CI-07	10.78	3.54	8.15	7.71	20.2	19.5	34.7	34.6	5'	2.35	2.6
06/13/25	7:30 AM	CI-07	9.09	1.94	8.05	7.52	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/14/25	7:20 AM	CI-07	9.74	3.49	8.15	7.65	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/15/25	7:40 AM	CI-07	11.23	7.10	8.16	8.14	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/16/25	7:40 AM	CI-07	16.33	1.56	8.41	7.63	19.5	19.4	34.3	34.2	6'	1.43	2.9
06/17/25	8:40 AM	CI-07	15.42	7.93	8.40	8.44	20.2	19.5	34.7	34.6	5'	2.35	2.6
06/18/25	10:30 AM	CI-07	18.51	0.81	8.49	7.51	20.2	19.5	34.7	34.6	5'	2.35	2.6
06/19/25	7:30 AM	CI-07	14.74	4.74	8.43	7.55	20.7	19.6	34.5	34.2	5'	1.49	1.7
06/20/25	7:40 AM	CI-07	14.11	2.25	8.40	7.89	20.9	19.5	34.7	34.6	5'	2.35	2.6
06/21/25	7:35 AM	CI-07	8.10	0.38	8.07	7.56	20.6	19.7	34.7	34.6	6'	1.55	3.2
06/22/25	8:00 AM	CI-07	4.85	0.39	7.83	7.81	20.6	20.5	34.4	34.4	3'	3.18	3.8
06/23/25	8:00 AM	CI-07	5.19	2.25	7.78	7.89	20.5	20.2	34.2	34.2	2'	3.87	3.3 Calibration
06/24/25	7:45 AM	CI-07	7.25	6.30	7.64	7.66	20.4	20.2	34.4	34.4	4'	3.16	3.3
06/25/25	8:00 AM	CI-07	6.85	6.87	7.66	7.68	20.4	20.2	34.5	34.4	4'	4.28	1.9 64% < 5 mg
06/26/25	8:00 AM	CI-07	6.95	6.86	7.16	7.69	20.3	20.2	34.4	34.3	4'	2.07	1.6
06/27/25	3:30 PM	CI-07	9.10	7.79	7.78	7.81	21.5	20.6	34.2	33.6	4'	1.54	3.8
06/28/25	8:00 AM	CI-07	8.04	8.58	7.70	7.49	21.0	20.7	34.4	34.5	5'	0.79	(0.5)
06/29/25	7:30 AM	CI-07	9.90	9.81	7.68	7.79	21.7	21.0	34.7	34.5	5'	2.27	(0.4) 55% < 5 mg
06/30/25	11:30 AM	CI-07	11.67	11.37	7.93	7.94	21.6	21.3	34.5	34.0	4'	2.63	2.0 bottom @ 9

DO below 5 mg/L
64% at Westport
June 2025

Stormwater pollution affects Harbor & Ocean Water Quality

Red line are MS4 Storm drains:

- 2,400 acres of agricultural fields
 - Source of excessive nutrients, bacteria, and pesticides entering harbor
- 4,500 acres of urban runoff from ***Ventura County Watershed*** MS4 storm drains flow into our ocean.



Channel Islands Harbor Watershed

Storm drains to Edison Canal

Fifth St Drain
Northshore dewatering
Doris Drain



Stormwater pollution is harmful to our beaches, ocean and the environment.

9/3/2025

We must protect our home waters and ocean

Harbor Circulation Degraded

Drastically impacted after 60 years of operations at Mandalay Generating Station

- 1.5 billion gallons/month pumped out of the Edison Canal 55,000 Acre Feet per year!
- stopped February 2018!]

Circulation “masked” the problem

- Agricultural discharge into Edison Canal now trapped in the Harbor
- “Residence Time” increased 3-fold



Significant Challenges During Wet Weather

October 26, 2021 0.82 inches rain



Moderate rain brought high bacteria levels into Edison Canal, but not the northern part of the harbor

December 15, 2021 1.36 inches rain



Heavy rain caused extremely high bacteria levels in Edison Canal and adjacent to storm drains

> 104 = Risk for Human Contact

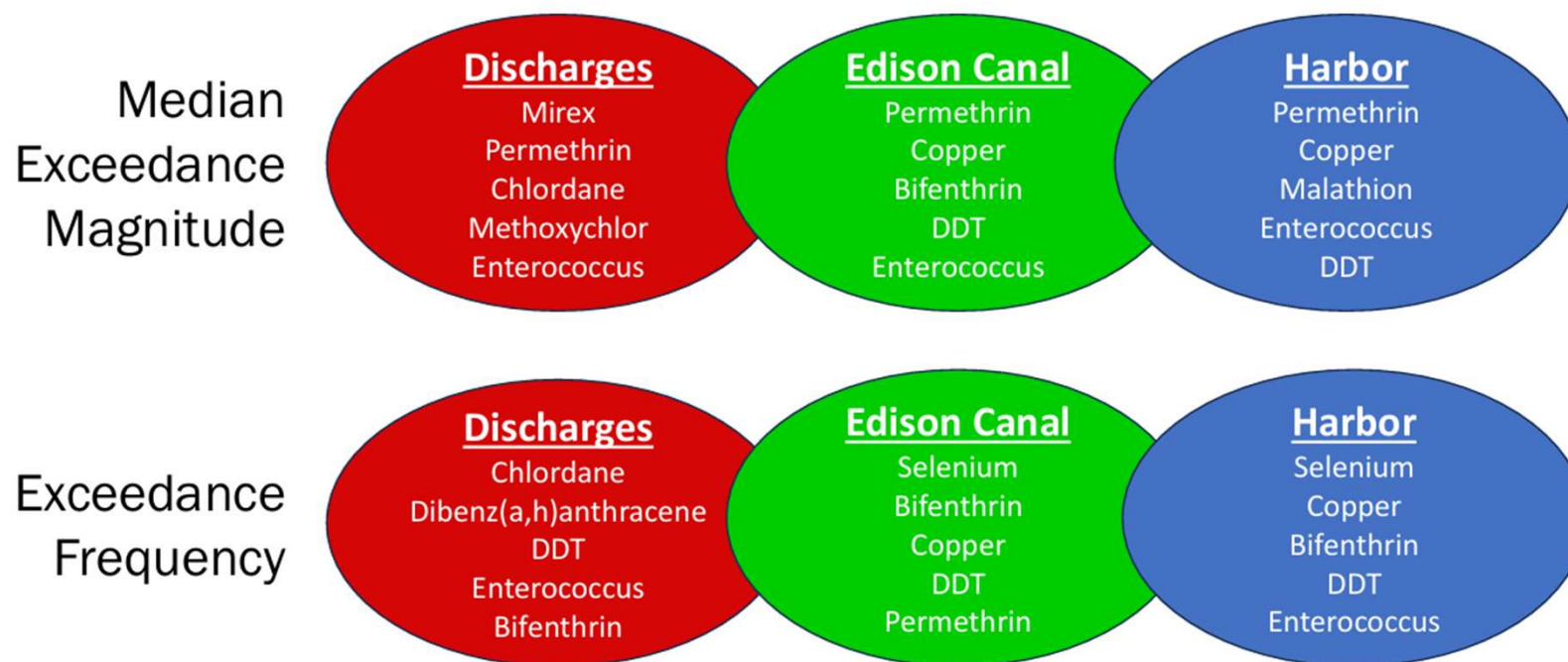
- Green 0 - 35 MPN
- Amber 36 - 104 MPN
- Red over 104 MPN

MPN = Most Probable Number

Based in the Water Board's Basin Plan

Enterococcus bacteria greater than 104 MPN/ 100mL indicates impaired water quality and risk for human contact

Top 5 Pollutants with Highest Magnitude & Frequency of Exceedances



Bifenthrin Levels 2021 - 2023

EPA Chronic Benchmark= 1.3 ng/L



Permethrin Levels 2021 -2023

EPA Chronic Benchmark= 1.4 ng/L



Samples exceeded Water Quality Standards

- Impaired Waterways 2024 Integrated Report 303(d) list
 - The Los Angeles County Regional Water Quality Control District has placed the Edison Canal and Mandalay Bay on its 2024 Impaired Waterways list
 - MAC volunteers collected additional 30 monthly samples 2021 – 2024
 - Data was uploaded to CEDEN for Water Board consideration.
 - TMDLs **Total Maximum Daily Load** allocations by 2030
- Eutrophication—**HAB Harmful Algae blooms**, dead zones, fish kills
 - Promoted by excess nutrients and stagnant water
 - Pollution not new but “masked” by pumping
 - Some algae can be toxic to people and marine life
- Trash and high levels of bacteria
 - Discharged from unfiltered storm drains and open ditches
 - Flows into CIH and Santa Clara River then to the Pacific Ocean



Trash in Edison Canal



Algae growth in the Harbor



Agricultural discharge into Edison Canal

CIH – Commercial and Recreational Hub

Clean harbor and beaches are economic engines and recreational resources that attract neighbors and tourists

VisitOxnard.com promotes many fun family attractions in and around Channel Islands Harbor

- Kiddie Beach, Hobie Beach, Silver Strand surfing
- Kayak, Jet Ski, Sailing, SUPs, Parasailing, Electric Boat, Bicycle & Surry Carts rentals
- Recreational Sportfishing and Commercial fishing
- Farmer's market, concerts in the park, car shows, holiday events
- Restaurants and hotels on the harbor. New Hyatt House Hotel and Restaurant
- Karl's Village at Fisherman's Wharf
- Museums, historic sites
- Whale watching, Island Packers tours
- Channel Islands Harbor economic impact will increase by 60% with proposed new developments. 400 new jobs and \$32 million in new economic output.



Harbor Water Quality Study Project

Problem Statement	Potential Solutions	Project Status	Next Steps
Ocean water pollution impacts all districts in Oxnard and Ventura	Best Management Practices (BMPs)	Craftwater Feasibility Study underway	Raise awareness to the City Council and ask for support for future funding options



- CIH Water Quality Feasibility Study and Implementation Plan
 - Craftwater Engineering assessing harbor water quality impairment
- Deploy Proven Best Management Practices (BMPs)
 - Invite stakeholders and influencers
 - City of Oxnard, Ventura County, Farm Bureau, Power Plant owner, permitting agencies, funding sources
 - Identify BMPs to improve Channel Islands Harbor water quality
 - Source Controls
 - Non-structural BMPs
 - Upstream Structural BMPs
 - Receiving Water Strategies
- MAC will continue to provide support
 - MAC (Marine Advisory Committee) will continue to provide outreach, research, subject matter expertise
 - Work with Coastal Commission and other stakeholders



Current Status and Action Items

Craftwater Engineering - Water Quality Feasibility Study and Implementation Plan

- Collecting stakeholder feedback on preliminary list of mitigation strategies
- Refine identified strategies based on collaborative development/ interested party feedback
- Final Mitigation Strategies Analysis Report – September 2025
 - Finalized strategy and associated data will be documented
 - Expected benefits and implementation considerations
- Implementation Plan – November 2025
 - Developed after Mitigation Strategies Report
 - Evaluate and prioritize mitigation strategies
 - Identify funding sources
 - Phased approach outline
 - Implementation Schedule
 - Plans, specifications, cost estimates
 - Success Metrics
- Oxnard Public Works will recommend the best alternatives to City Council
- We need your support to raise funds for proposed solutions. Thank you.

**Your support needed
for follow on
projects!**

Public engagement will be incorporated through community meetings and presentations to the Oxnard City Council and Ventura County Board of Supervisors.

Water Quality Stakeholders and Influencers

Stakeholders Responsible for Harbor Water Quality

- **MANDALAY SOLVERE, LLC** – Mandalay Power Plant and Edison Canal owner
- **Water Quality Control Board** – regulates water quality
- **Ventura County** Channel Islands Harbor (WPA)
- **City of Oxnard** – Mandalay Bay/ Oxnard Waterways
- **City of Oxnard, Port Hueneme** – (MS4) storm drains that flow into CI Harbor
- **Farm Bureau of Ventura County** continues to implement BMPs (Best Management Practices) to reduce agricultural runoff that discharges nutrients & pollutants into CIH
- **National Resource Conservation Services (NRCS)** provide funding and BMPs guidance

Parties Impacted by Harbor Water Quality

- **Residents** who live in the CI Harbor
- **Businesses** that operate in the harbor
- **Marine life** whose survival is in jeopardy
- **All Harbor visitors & Tourists** who enjoy the harbor

Organizations That Can Help Oxnard Solve Problem

- **LA Regional Water Quality Control Board (LARWQCB)**
- **Ventura County**
- **US Army Corp of Engineers** – built Harbor and Canal
- **CAL & Federal EPA** – assist in enforcing regulations
- **CA Coastal Commission**
- **Environmental Groups:** Heal the Bay, Santa Barbara Channelkeepers, Nature Conservancy, Surfrider, Wishtoyo/Ventura Coast Keepers, Ocean Protection Council

Questions?

www.cineighbors.com

www.Oxnard.org

