

The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

RP&AM Committee

Vacant, Chair
G. Peterson, Vice Chair
M. Camacho
L. Dick
D. Erdman
A. Kassakhian
C. Kurtz
R. Record
T. Smith
N. Sutley

Real Property and Asset Management Committee

Meeting with Board of Directors *

December 13, 2022

9:00 a.m.

Live streaming is available for all board and committee meetings on mwdh2o.com ([Click Here](#))

A listen only phone line is also available at 1-877-853-5257; enter meeting ID: 831 5177 2466. Members of the public may present their comments to the Committee on matters within the committee's jurisdiction as listed on the agenda via in-person or teleconference. To participate via teleconference (833) 548-0276 and enter meeting ID: 815 2066 4276.

Tuesday, December 13, 2022 Meeting Schedule

08:30 a.m. L&C
09:00 a.m. RP&AM
10:30 a.m. C&L
12:00 p.m. Sp Exec
12:30 p.m. Board

MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

* The Metropolitan Water District's meeting of this Committee is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to this Committee may participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the committee as advisory to the Board, members of the Board who are not assigned to this Committee will not vote on matters before this Committee.

- 1. Opportunity for members of the public to address the committee on matters within the committee's jurisdiction (As required by Gov. Code Section 54954.3(a))**

**** CONSENT CALENDAR ITEMS -- ACTION ****

2. CONSENT CALENDAR OTHER ITEMS - ACTION

- A.** Approval of the Minutes of the Meeting of the Real Property and Asset Management Committee held October 11, 2022 (Copies have been submitted to each Director, Any additions, corrections, or omissions)

[21-1748](#)

Attachments: [12132022 RPAM 2A Minutes](#)

3. CONSENT CALENDAR ITEMS - ACTION

- 7-11** Authorize the General Manager to enter into the First Amendment to the Agreement regarding Annexation of the Murrieta Window Area with Western Municipal Water District and Eastern Municipal Water District to extend the term ten years; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA **[21-1717](#)**

Attachments: [12132022 RPAM 7-11 B-L](#)
[12132022 RPAM 7-11 Presentation](#)

- 7-12** Adopt a resolution for the Yerba Valley Annexation to San Diego County Water Authority and Metropolitan; the General Manager has determined that this proposed action is exempt or otherwise not subject to CEQA **[21-1718](#)**

Attachments: [12132022 RPAM 7-12 B-L](#)
[12132022 RPAM 7-12 Presentation](#)

**** END OF CONSENT CALENDAR ITEMS ****

4. OTHER BOARD ITEMS - ACTION

NONE

5. BOARD INFORMATION ITEMS

NONE

6. COMMITTEE ITEMS

- a.** Update on Palo Verde Valley Lands and Regenerative Farming, Chico State Study, Presented by: Dr. Cynthia Daley - Founder/Director of the Center for Regenerative Agriculture & Resilient Systems at California State University, Chico; and Dr. Tim LaSalle - Co-founder of the Center of Regenerative Agriculture & Resilient Systems at California State University, Chico **[21-1749](#)**

Attachments: [12132022 RPAM 6a Presentation](#)

- b.** Update on Desert Housing Maintenance and Interim Improvements **[21-1750](#)**

Attachments: [12132022 RPAM 6b Presentation](#)

- c.** Delta Island Initiatives Assessment **[21-1751](#)**

Attachments: [12132022 RPAM 6c Presentation](#)

7. MANAGEMENT REPORTS

- a. Real Property Group Manager's Report

[21-1752](#)

Attachments: [12132022 RPAM 7a Presentation](#)

8. FOLLOW-UP ITEMS

NONE

9. FUTURE AGENDA ITEMS

10. ADJOURNMENT

NOTE: This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MINUTES

REAL PROPERTY AND ASSET MANAGEMENT COMMITTEE

October 11, 2022

Vice Chair Peterson called the teleconference meeting to order at 10:30 a.m.

Committee Members present: Vice Chair Peterson, Directors Camacho, Dick, Erdman, Kurtz, Record, Smith, and Sutley.

Members absent: Directors Hawkins, Kassakhian

Other Board Members present: Directors Abdo, Ackerman, Atwater, Blois, Cordero, De Jesus, Dennstedt, Faessel, Fellow, Fong-Sakai, Jung, Lefevre, Miller, Morris, Ortega, and Tamaribuchi

Committee Staff present: Chapman, Hagekhalil, Otake, Upadhyay, and Holland

1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE'S JURISDICTION

Caty Wagner, Sierra Club California, item 6a

CONSENT CALENDAR ITEMS — ACTION

2. CONSENT CALENDAR OTHER ITEMS – ACTION

- A. Approval of the Minutes of the Meeting of the Real Property and Asset Management Committee held September 13, 2022.

3. CONSENT CALENDAR ITEMS – ACTION

7-7 Subject: Declare 41 parcels, totaling approximately 636 acres, as surplus land that is no longer required for Metropolitan's current and foreseeable needs and authorize staff to dispose of the parcels; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Motion: Declare that the 41 acres are surplus land and not necessary for Metropolitan's use based on the written grounds set forth in the staff board letter and authorize their disposal according to Metropolitan's surplus land disposal policies and procedures.

No presentations were given, Director Record made a motion, seconded by Director Erdman to approve the consent calendar consisting of items 2A and 7-7.

The vote was:

Ayes: Directors Camacho, Dick, Erdman, Kurtz, Peterson, Record, Smith and Sutley

Noes: None

Abstentions: None

Absent: Kassakhian and Hawkins

The motion for items 2A and 7-7 passed by a vote of 8 ayes, 0 noes, 0 abstention and 2 absent.

END OF CONSENT CALENDAR ITEMS

4. OTHER BOARD ITEMS – ACTION

None

5. BOARD INFORMATION ITEMS

None

6. COMMITTEE ITEMS

a. Subject: Briefing on Delta Island Opportunities

Presented by: Randall Neudeck, Bay Delta Programs Manager

Mr. Neudeck provided an overview of the history of the Delta Islands, proposed opportunities analysis, highlights of ongoing collaborative efforts and a tentative project schedule.

The following Directors provided comments or asked questions,

1. Fong-Sakai
2. Erdman
3. Record

Staff responded to the Directors' comments or questions.

7. MANAGEMENT REPORT

- a. Subject: Real Property Manager's Report
Presented by: Lilly L. Shraibati, Group Manager, Real Property Group

Mrs. Shraibati reported on the following items:

- The Quarterly Report from July 1, 2022, through September 30, 2022, was mailed out.
- Milestone for Metropolitan as it relates to the protection of Metropolitan's 1932 Act Lands and CRA Infrastructure.
- The ceremonial signing of the Certificates of Acceptance by our General Manager.
- Revenue disposition

8. FOLLOW-UP ITEMS

None

9. FUTURE AGENDA ITEMS

The potential return on investment analysis comparing owning the Islands or selling a portion of them.

Next meeting will be held on December 13, 2022

Meeting adjourned at 11:08 a.m.

Glen Peterson
Vice Chair



● **Board of Directors**
Real Property and Asset Management Committee

12/13/2022 Board Meeting

7-11

Subject

Authorize the General Manager to enter into the First Amendment to the Agreement regarding Annexation of the Murrieta Window Area with Western Municipal Water District and Eastern Municipal Water District to extend the term ten years; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Executive Summary

This is a request to authorize the General Manager to enter into the first amendment to the Agreement regarding Annexation of the Murrieta Window Area (Agreement) with member agencies Western Municipal Water District (WMWD) and Eastern Municipal Water District (EMWD). The amendment will extend the termination date ten years to December 14, 2034. This Agreement is unique in that it allowed the property owners to pay annexation fees only when they requested municipal water service. It was anticipated that most of the parcels would be developed and connected to the municipal system by the end of the original term in 2024; however, the anticipated development did not occur due, in part, to the intervening recession. The extension of the Agreement will allow for the remaining parcels in the Murrieta Window Area to connect to the municipal water system and to receive Metropolitan water when they are developed or when they require additional supply. Metropolitan's then-current per acre annexation charge will be collected when the property owners request municipal water service.

Background

In 1989, EMWD and Murrieta County Water District (MCWD) entered into an agreement for imported water service within the EMWD and Metropolitan service areas near the Murrieta Window Area. As part of this process, the parties sought to negotiate a resolution to address the need for municipal service in the Murrieta Window Area because many owners in the area could not afford to annex at that time.

On December 14, 1999, Metropolitan, WMWD, and EMWD, as well as the since-dissolved MCWD, entered into the Agreement to annex approximately 5.8 square miles (approximately 1,153 parcels), referred to as the Murrieta Window Area and located in the southwest section of the city of Murrieta (**Attachment 1**). WMWD and EMWD became successors to MCWD's interests when it dissolved. The Agreement was preceded by many years of economic growth that increased domestic water demand, but the growth also raised concerns about groundwater quality because the area had agricultural uses dependent on private wells and septic systems.

The Agreement allows property owners to pay the then-current annexation fees only when they request municipal water service. Ad valorem taxes and standby charges were levied and collected across the entire Murrieta Window Area since the 1999 annexation. The original term of the Agreement was for 25 years, set to terminate on December 14, 2024. Although the parties anticipated most parcels would have been connected and paid by then, they also planned for what to do if there were outstanding unpaid parcels.

The Agreement required the parties to meet and confer five years prior to the termination date in 2024 to discuss options for parcels that had not yet connected to the system. Without an extension of the Agreement, the remaining parcels are required to formally disannex. Since the annexation, approximately 3 square miles (approximately 588 parcels) have paid the per acre annexation fees and been physically connected. There are approximately 2.9 square miles (approximately 585 parcels) that have not yet connected to municipal water service or annexed.

As required by the Agreement, since early 2019, Metropolitan, WMWD, and EMWD staff have explored other options. The parties agree that an extension of the current Agreement is the best option to allow the parcels more time to develop. In 2022, WMWD and EMWD requested a ten-year extension to allow for the remaining parcels to connect commensurate with economic growth in western Riverside County. This also will allow the Riverside Local Agency Formation Commission or LAFCO to complete its Focused Municipal Service Review for the Murrieta Service Area to resolve service issues in the area. All other terms in the Agreement will remain the same.

Policy

By Minute Item 43683, dated August 17, 1999, the Board approved the Agreement Regarding Annexation of the Murrieta Window Area.

Metropolitan Water District Administrative Act Section 350: Annexation of Corporate Area of Agency

Metropolitan Administrative Code Section 3100: Request for Annexation

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The proposed action is not defined as a project under CEQA (Public Resources Code Section 21065, State CEQA Guidelines Section 15378) because the proposed action will not cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment and involves continuing administrative activities, such as general policy and procedure making (Section 15378(b)(2) of the State CEQA Guidelines). In addition, the proposed action is not defined as a project under CEQA because it involves the creation of government funding mechanisms or other government fiscal activities which do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment (Section 15378(b)(4) of the State CEQA Guidelines).

CEQA determination for Option #2:

None required

Board Options

Option #1

Authorize the General Manager to enter in to the First Amendment to the Agreement regarding Annexation of the Murrieta Window Area with WMWD and EMWD to extend the term ten years.

Fiscal Impact: Receipt of future annexation per acre charges and water sales revenue from eligible parcels.

Business Analysis: This amendment will provide the ability for water service and associated benefits to the property owners. The initial fixed and variable costs will be borne by WMWD and EMWD, and property owners, including processing, infrastructure, and the cost of raw and treated water. This amendment helps to meet Metropolitan's member agencies' requests.

Option #2

Decline the request to amend the Agreement and terminate the contract as originally proposed.

Fiscal Impact: Unrealized annexation fee and water sales revenue from eligible parcels under this Agreement.

Business Analysis: The parcels that did not pay the annexation per acre charges to become eligible to connect will not receive the direct benefits of water service through WMWD, EMWD, and Metropolitan. These parcels will be detached from the Metropolitan service area.

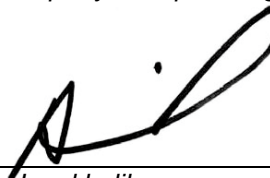
Staff Recommendation

Option #1



Lilly L. Shraibati
Real Property Group Manager

11/21/2022

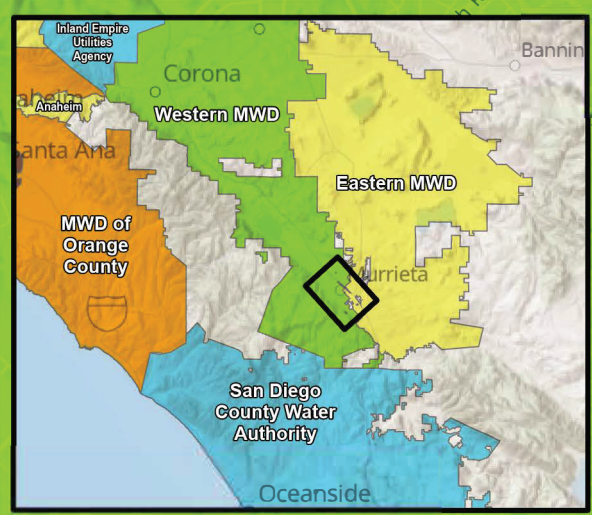
Date

Adel Hagekhalil
General Manager

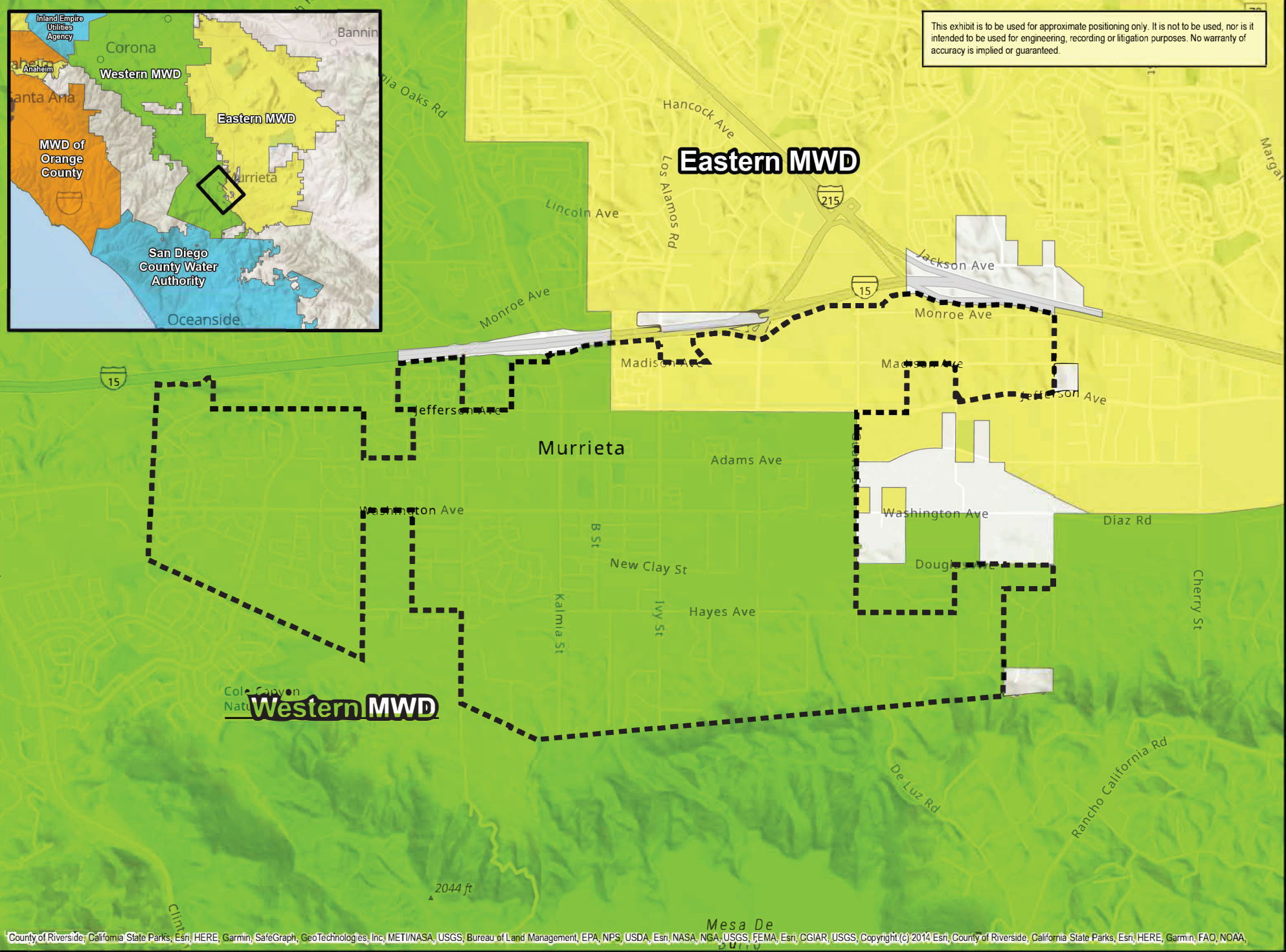
11/29/2022

*Date***Attachment 1 – Map**

Ref# rpdn 12692717



This exhibit is to be used for approximate positioning only. It is not to be used, nor is it intended to be used for engineering, recording or litigation purposes. No warranty of accuracy is implied or guaranteed.





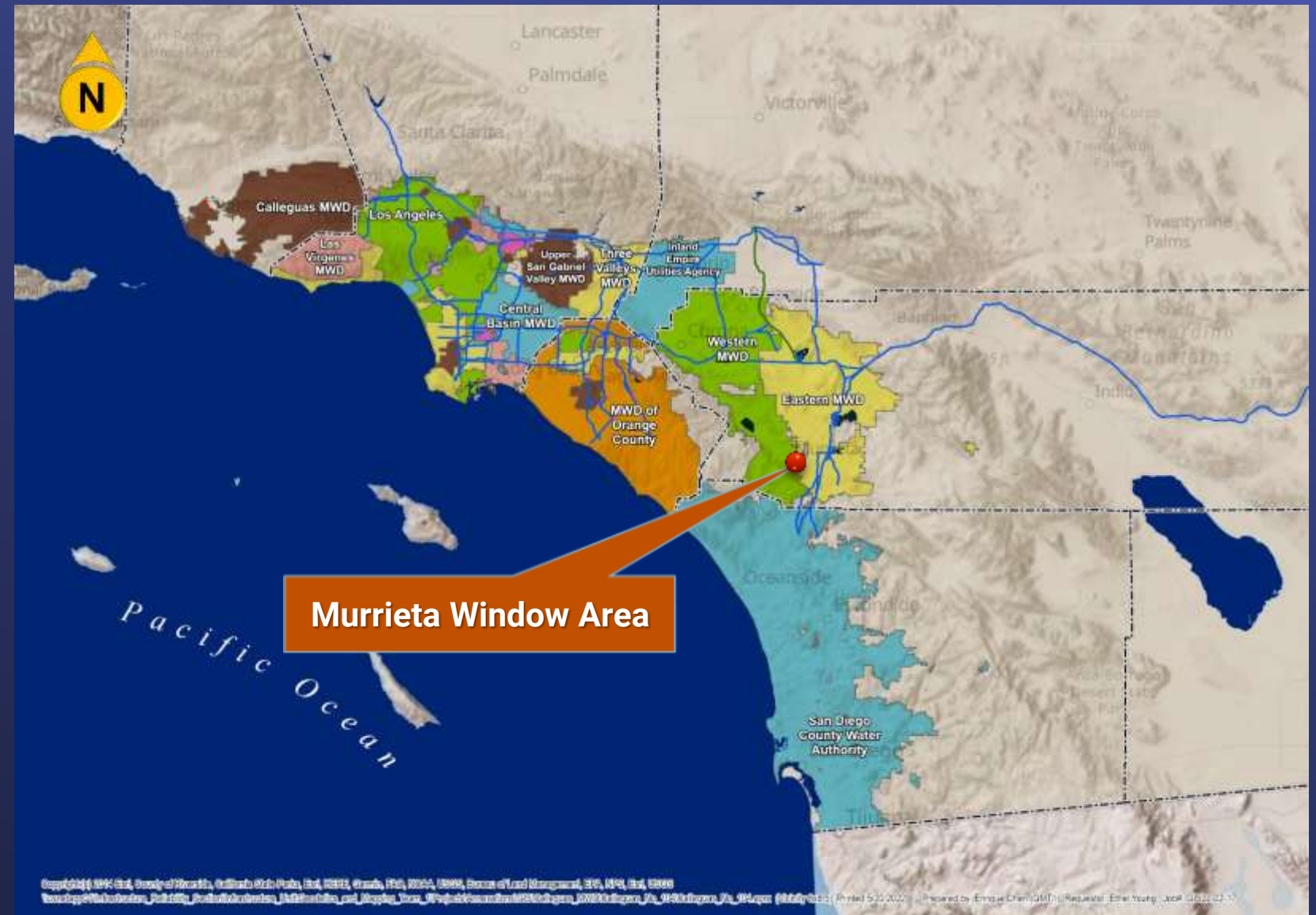
Real Property and Asset Management Committee

Authorize First Amendment to Extend the Murrieta Window Area Annexation Agreement

Item 7-11

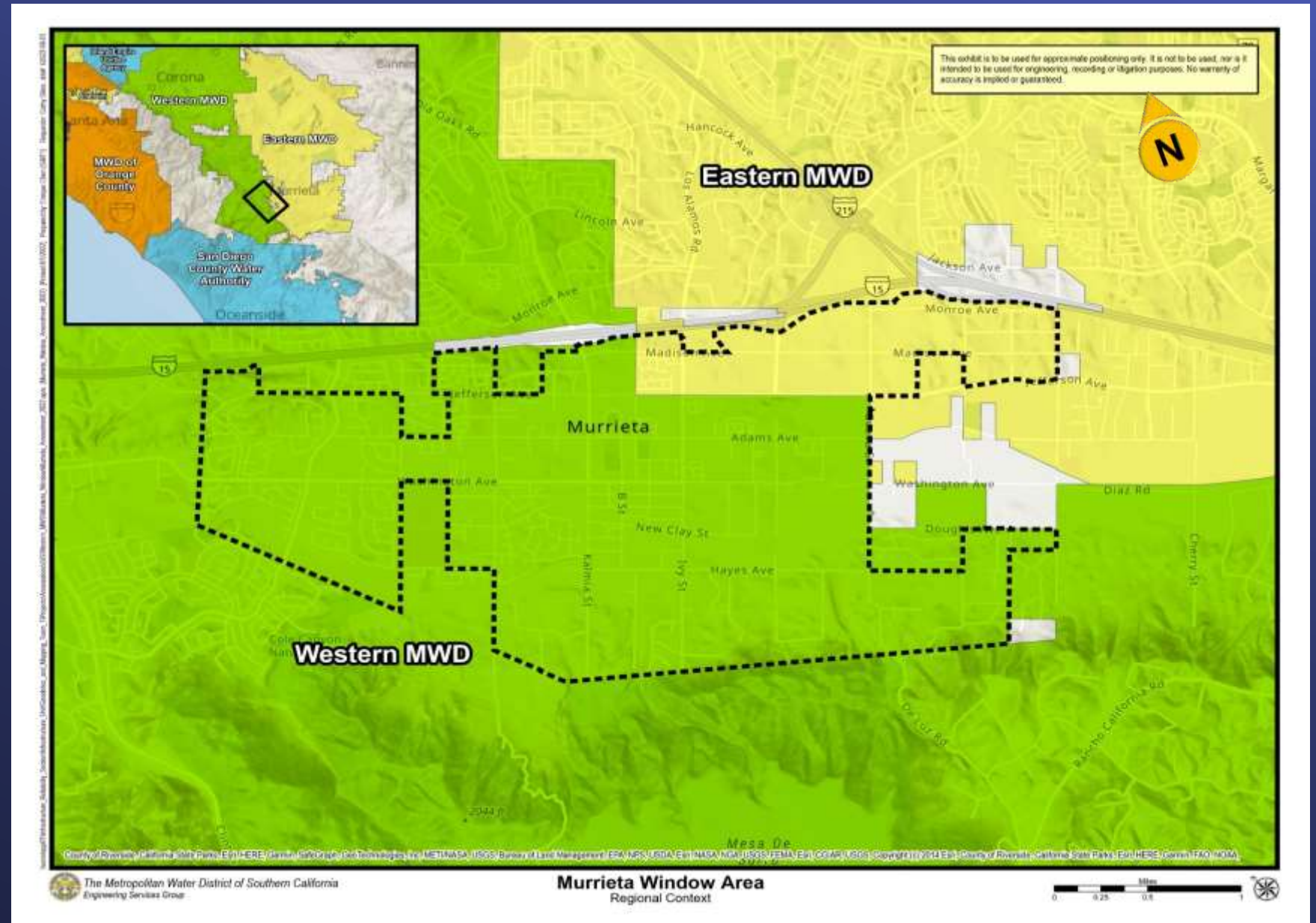
December 13, 2022

Service Area Map



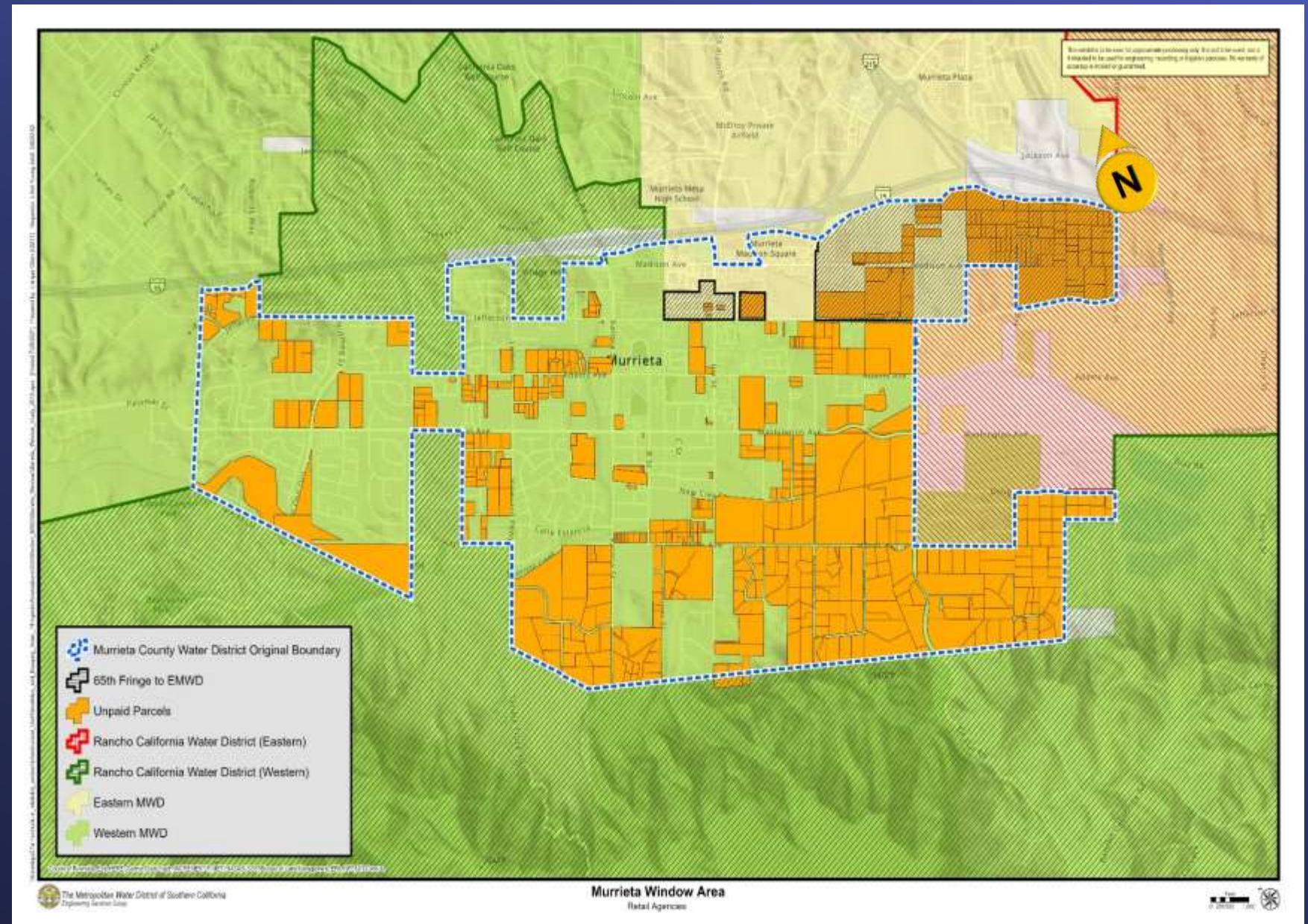
Agreement Area Site Map

Total Area = 5.8 sq miles
Parcels = 1,153



Map of Unconnected Parcels

Total Area = 2.9 sq miles
Parcels = 585



Key Provisions

Provides for an extension of the agreement for 10-years to allow property owners time to:

- Connect to the public water system
- Pay the MWD per-acre annexation fee
- Eliminating the need to close the agreement on December 14, 2024, with
- All other terms and conditions remaining the same

Board Options

Option 1:

- Authorize the General Manager to enter in to the First Amendment to the Agreement regarding Annexation of the Murrieta Window Area with WMWD and EMWD to extend the term ten years.

Option 2:

- Decline the Request

Board Options

Staff Recommendations

- Option 1





• **Board of Directors**
Real Property and Asset Management Committee

12/13/2022 Board Meeting

7-12

Subject

Adopt a resolution for the Yerba Valley Annexation to San Diego County Water Authority and Metropolitan; the General Manager has determined that this proposed action is exempt or otherwise not subject to CEQA

Executive Summary

This action grants final approval for the Yerba Valley Annexation, an annexation requested by San Diego County Water Authority (SDCWA), and authorizes collecting Metropolitan's water standby charge and ad valorem tax. This request is compliant with the current annexation policy and requirements. This annexation request consists of approximately 80.34 acres with no acres of public roads (**Attachment 1**). The new water demand from Metropolitan is estimated as 5.0 acre-feet per year (AFY). SDCWA meets the demand management measures in the agency's Water Use Efficiency Statement of Compliance (**Attachment 2**). The charge for this annexation, if completed in 2022, is \$535,645.70, which includes a \$5,000 processing fee.

Details

Background

On May 26, 2022, SDCWA's board of directors adopted Resolution No. 2022-09, requesting formal terms and conditions for annexation and collection of water standby charges for the proposed Yerba Valley Annexation. The proposed annexation will extend the service area of Metropolitan and SDCWA to the 80.34-acre property. The annexation includes two areas totaling 17 parcels with pre-existing homes with groundwater wells that are zoned semi-rural (SR-10). The 80.34-acre property identified as Assessor Parcel Numbers 329-131-08, -09, -11, -33 and 329-132-02, -03, -04, -05, -09, -10, -13, -14, -15, -16, -42, -43, -48 is located on either side of Yerba Valley Road, southeast of San Vicente Reservoir and adjacent to the north side of the sphere of influence boundary of Lakeside Water District in the county of San Diego. There are no planned changes for parcel usage or zoning.

The proposed area will be served by the Lakeside Water District and will be eligible for imported water through SDCWA and Metropolitan after completion of the annexation. The charge for this annexation is \$535,645.70, which includes the \$5,000 processing fee collected at the time of the initial annexation request; the balance is payable prior to completion. The annexation charge is calculated based on the 2022 per-acre fee of \$6,605. If the annexation is not completed in the calendar year 2022, the fee would be based on the then-current annexation rate pursuant to Section 3300 of Metropolitan's Administrative Code. Pursuant to Section 3107 of Metropolitan's Administrative Code, approved November 6, 2018, SDCWA has submitted an acceptable Water Use Efficiency Statement of Compliance for this annexation project (**Attachment 2**).

The projected water demand from Metropolitan is estimated to be 5.0 AFY and possibly less with current well and storage operations on each parcel. Completion of this annexation would be subject to such terms and conditions as may be fixed by Metropolitan's Board in granting final consent to such annexation, including the Local Agency Formation Commission conditioning approval of the proposed annexation upon a requirement that all previously established and collected taxes, benefit assessments, or property-related fees or charges be established and collected on parcels being annexed to Metropolitan. This action adopts a resolution consenting to SDCWA's request for annexation with a water standby charge as set forth in (**Attachment 3**). Upon completion of the annexation, the lands within the Yerba Valley Annexation will be subject to Metropolitan's ad valorem

property tax in the current amount of 0.0035 percent of the assessed valuation of each parcel and Metropolitan's water standby charge collected on behalf of SDCWA in the current amount of \$11.51 per acre, or per a parcel if less than one acre.

Approval of Metropolitan's standby charge established elsewhere within SDCWA's territory is a condition to complete this annexation.

Policy

Metropolitan Water District Administrative Act Section 350: Annexation of Corporate Area of Agency

Metropolitan Administrative Code Section 3100: Request for Annexation

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibility

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

Pursuant to the provisions of CEQA and the State CEQA Guidelines, Lakeside Water District, acting as the Lead Agency, prepared and processed a Notice of Exemption (NOE) for the Yerba Valley Annexation property (existing homes on 80.34 acres) finding this portion of the project categorically exempt. The NOE was filed on January 11, 2019. The environmental documentation is included as **Attachment 4**.

Metropolitan, acting as Responsible Agency, has independently determined that the proposed action is categorically exempt under the provisions of CEQA and the State CEQA Guidelines. The proposed action involves the annexation process of 17 parcels located on either side of Yerba Valley Road and southeast of San Vicente Reservoir into Metropolitan and SDCWA's service areas. Metropolitan finds that this land contains existing public or private structures developed to the density allowed by the current zoning or pre-zoning and that the extension of utility services to the existing facilities would have a capacity to serve only the existing facilities. Accordingly, the proposed action is categorically exempt and qualifies under Class 19 Categorical Exemption (Section 15319(a) of the State CEQA Guidelines).

CEQA determination for Option #2:

None required

Board Options

Option #1

Adopt resolution granting approval for the Yerba Valley Annexation concurrently to San Diego County Water Authority and Metropolitan and establish Metropolitan's terms and conditions for the annexation (**Attachment 3**), conditioned upon approval by San Diego County's Local Agency Formation Commission, and upon receipt of the annexation fee of \$535,645.70.

Fiscal Impact: Receipt of annexation fee of \$535,645.70 for the annexation area and future water sales revenue from the newly annexed territory.

Business Analysis: This annexation will provide the ability for water service and associated benefits to the property owners. The initial fixed and variable costs will be borne by the local water supplier and property owners, including processing, infrastructure, and the cost of raw and treated water. This annexation helps to meet Metropolitan's member agency request.

Option #2

Decline the request for the proposed Yerba Valley Annexation.

Fiscal Impact: Unrealized annexation fee and water sales revenue from non-annexed areas.

Business Analysis: The subject area will not receive the direct benefits of water supplied through SDCWA and Metropolitan.

Staff Recommendation

Option #1

 _____ Lilly L. Shraibati Real Property Group Manager	11/29/2022 Date
 _____ Adel Hagekhalil General Manager	11/30/2022 Date

Attachment 1 – Map and Legal Description**Attachment 2 – Water Use Efficiency Statement of Compliance****Attachment 3 – Annexation Resolution****Attachment 4 – Yerba Valley Annexation Environmental Documentation**

Ref# rpdm 12684549

EXHIBIT A**Lakeside Water District / Yerba Valley Annexation
Legal Description****Area "A"**

THAT PORTION OF THE UNINCORPORATED AREA IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, BEING PORTIONS OF SECTION 32, TOWNSHIP 14 SOUTH, RANGE 1 EAST, SAN BERNARDINO BASE AND MERIDIAN ACCORDING TO THE UNITED STATES GOVERNMENT SURVEY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING (1) AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF SECTION 32, TOWNSHIP 14 SOUTH, RANGE 1 EAST, SAID CORNER BEING ALSO THE MOST NORTHWEST CORNER OF PARCEL 3 OF PARCEL MAP NO. 6059, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON JUNE 16, 1977, AS FILE NO. 77-237553;

THENCE, (2) SOUTH 89°10'52" EAST ALONG THE NORTHERLY LINE OF SAID SOUTHWEST QUARTER AND ALONG THE NORTHERLY LINE OF SAID PARCEL MAP NO. 6059, A DISTANCE OF 990.00 FEET TO THE MOST NORTHEAST CORNER OF PARCEL 1 OF SAID PARCEL MAP NO. 6059, SAID CORNER BEING ALSO THE MOST NORTHWEST CORNER OF PARCEL 3 OF PARCEL MAP NO. 6127, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON JUNE 30, 1977, AS FILE NO. 77-262495;

THENCE, (3) LEAVING SAID NORTH LINE, SOUTH 0°49'08" WEST, ALONG THE COMMON LINE BETWEEN SAID PARCEL 1 OF PARCEL MAP NO. 6059 AND ITS SOUTHERLY PROLONGATION AND PARCEL 3 OF PARCEL MAP NO. 6127, A DISTANCE OF 670.00 TO THE SOUTHWEST CORNER OF SAID PARCEL 3 OF SAID PARCEL MAP NO. 6127;

THENCE, (4) SOUTH 89°10'31" EAST, A DISTANCE OF 59.72 FEET ALONG THE SOUTHERLY LINE OF SAID PARCEL 3 OF PARCEL MAP NO. 6127, TO THE NORTHWEST CORNER OF PARCEL 2 OF SAID PARCEL MAP NO. 6127;

THENCE, (5) SOUTH 0°19'00" EAST, ALONG THE WEST LINE OF SAID PARCEL 2 OF PARCEL MAP NO. 6127, A DISTANCE OF 146.00 FEET, TO THE SOUTHEAST CORNER OF PARCEL 4 OF SAID PARCEL MAP NO. 6127;

THENCE, (6) WESTERLY ALONG SOUTH LINE OF SAID PARCEL 4, NORTH 89°14'10" WEST, A DISTANCE OF 543.80 FEET TO THE SOUTHWEST CORNER OF SAID PARCEL 4;

THENCE, (7) NORTH 0°45'33" EAST ALONG THE COMMON LINE OF SAID PARCEL 4 OF SAID PARCEL MAP 6127 AND THE EAST LINE OF PARCEL 4 OF SAID PARCEL MAP NO 6059, A DISTANCE OF 195.51 FEET TO A POINT ON THE WEST LINE OF SAID PARCEL 4 OF PARCEL MAP 6127, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF PARCEL 3 OF SAID PARCEL MAP NO. 6059;

THENCE, (8) WESTERLY ALONG THE SOUTH LINE OF SAID PARCEL 3 OF PARCEL MAP NO. 6059, NORTH 87°57'18" WEST, A DISTANCE OF 501.18 FEET TO THE SOUTHWEST CORNER OF SAID PARCEL 3 OF PARCEL MAP NO. 6059, SAID CORNER BEING ON THE WEST LINE OF SAID SECTION 32;

THENCE, (9) NORTH 0°06'39" EAST ALONG SAID WEST LINE OF SECTION 32 AND WEST LINE OF SAID PARCEL 3 OF PARCEL MAP 6059, DISTANCE OF 610.31 FEET TO THE **POINT OF BEGINNING**.

GROSS AREA = 16.36 ACRES

ROAD AREA = 0.0 ACRES

NET AREA = 16.36 ACRES

SEE EXHIBIT "B", SHEET 2, ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

Area "B"

THAT PORTION OF THE UNINCORPORATED AREA IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, BEING A PORTION OF SECTION 32, TOWNSHIP 14 SOUTH, RANGE 1 EAST, SAN BERNARDINO BASE AND MERIDIAN ACCORDING TO THE UNITED STATES GOVERNMENT SURVEY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING (1) AT THE CENTER OF SECTION 32, TOWNSHIP 14 SOUTH, RANGE 1 EAST,

THENCE, (2) SOUTHERLY ALONG THE WEST LINE OF THE SOUTHEAST 1/4 OF SAID SECTION, SOUTH 0°17'34" EAST, A DISTANCE OF 657.35 FEET TO THE NORTHWEST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION, SAID POINT ALSO BEING THE NORTHWEST CORNER OF PARCEL 3 AS SHOWN ON PARCEL MAP NO. 7630, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON JULY 27, 1978, AS FILE NO. 78-316300;

THENCE, (3) WESTERLY ALONG THE NORTH LINE OF SAID PARCEL 3, SOUTH 89°12'39" EAST, A DISTANCE OF 645.70 FEET TO THE NORTHEAST CORNER THEREOF;

THENCE, (4) SOUTHERLY ALONG THE EASTERLY LINE OF SAID PARCEL 3, SOUTH $0^{\circ}37'19''$ EAST, A DISTANCE OF 657.10 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL 3 OF PARCEL MAP NO. 7630;

THENCE, (5) WESTERLY ALONG THE SOUTHERLY LINE OF SAID PARCEL 3 OF PARCEL MAP 7630, NORTH $89^{\circ}14'24''$ WEST, A DISTANCE OF 649.47 FEET TO THE SOUTHWEST CORNER OF SAID PARCEL 3, SAID POINT BEING ALSO THE SOUTHEAST CORNER OF PARCEL 4 OF PARCEL MAP NO. 7712, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON AUGUST 17, 1978 AS FILE NO. 78-351281, SAID POINT BEING ALSO THE SOUTHEAST CORNER OF THE NORTH HALF OF THE SOUTHWEST QUARTER OF SECTION 32;

THENCE, (6) CONTINUING WESTERLY ALONG THE SOUTH LINE OF SAID NORTH HALF OF SAID SOUTHWEST QUARTER OF SECTION 32, SAID LINE ALSO BEING THE SOUTHERLY LINE OF SAID PARCEL 4 OF PARCEL MAP NO. 7712, NORTH $89^{\circ}14'28''$ WEST, A DISTANCE OF 651.09 FEET, TO THE SOUTHWEST CORNER OF SAID PARCEL 4 OF PARCEL MAP NO. 7712, SAID CORNER BEING ALSO THE SOUTHEAST CORNER OF PARCEL 4 OF PARCEL MAP NO. 8375, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON FEBRUARY 1, 1979 AS FILE NO. 79-051502;

THENCE, (7) CONTINUING WESTERLY ALONG SAID SOUTH LINE OF SAID NORTH HALF OF SAID SOUTHWEST QUARTER OF SECTION 32, AND SAID SOUTHERLY LINE OF SAID PARCEL 4 OF SAID PARCEL MAP NO. 8375, NORTH $89^{\circ}14'28''$ WEST, A DISTANCE OF 650.10 FEET, TO THE SOUTHWEST CORNER OF SAID PARCEL 4 OF SAID PARCEL MAP NO. 8375;

THENCE, (8) NORTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 4 OF PARCEL MAP NO. 8375, NORTH $0^{\circ}18'52''$ WEST, A DISTANCE OF 310.83 FEET TO THE NORTHWEST CORNER OF SAID PARCEL 4 OF PARCEL MAP NO. 8375, SAID CORNER BEING ALSO THE MOST SOUTHWESTERLY CORNER OF PARCEL "A" OF CERTIFICATE OF COMPLIANCE RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF SAN DIEGO ON MAY 31, 2006 AS DOCUMENT NO. 2006-0383399;

THENCE, (9) ALONG THE SOUTHERLY, EASTERLY AND NORTHERLY LINES OF SAID PARCEL "A" OF SAID CERTIFICATE OF COMPLIANCE THE FOLLOWING FIVE COURSES, NORTH $76^{\circ}16'33''$ EAST, A DISTANCE OF 289.21 FEET TO AN ANGLE POINT THEREIN;

THENCE, (10) SOUTH $58^{\circ}18'52''$ EAST, A DISTANCE OF 325.79 FEET TO AN ANGLE POINT THEREIN;

THENCE, (11) NORTH $70^{\circ}11'08''$ EAST, A DISTANCE OF 98.00 FEET TO A POINT ON THE EASTERLY LINE OF SAID PARCEL 4 OF PARCEL MAP NO. 8375;

THENCE, (12) NORTHERLY ALONG THE EASTERLY LINE OF SAID PARCEL 4 AND PARCEL 3 OF SAID PARCEL MAP NO. 8375, NORTH $0^{\circ}18'52''$ WEST, A DISTANCE OF 395.02 FEET TO THE NORTHEAST CORNER OF SAID PARCEL 3 OF SAID PARCEL MAP NO. 8375;

THENCE, (13) WESTERLY ALONG THE NORTHERLY LINE OF SAID PARCEL 3 OF SAID PARCEL MAP NO. 8375, NORTH $89^{\circ}10'52''$ WEST, A DISTANCE OF 650.11 FEET TO THE NORTHWEST CORNER OF SAID PARCEL 3 OF PARCEL MAP NO. 8375;

THENCE, (14) NORTHERLY ALONG THE WESTERLY LINES OF PARCELS 2 AND 1 OF SAID PARCEL MAP NO. 8375, NORTH $0^{\circ}18'52''$ WEST, A DISTANCE OF 670.04 FEET TO THE NORTHWEST CORNER OF SAID PARCEL MAP NO. 8375, SAID CORNER BEING A POINT ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 32, SAID POINT BEING ALSO THE SOUTHWEST CORNER OF PARCEL 1 OF PARCEL MAP NO. 11468, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, ON JULY 9, 1981 AS FILE NO. 81-216264;

THENCE, (15) NORTHERLY ALONG THE WESTERLY LINE OF PARCELS 1, 2 AND 4 OF SAID PARCEL MAP NO. 11468, NORTH $0^{\circ}37'10''$ WEST, A DISTANCE OF 1335.08 FEET TO THE NORTHWEST CORNER OF SAID PARCEL MAP NO. 11468, SAID POINT ALSO BEING ON THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 32;

THENCE, (16) EASTERLY ALONG SAID NORTH LINE, SAID LINE ALSO BEING THE NORTH LINE OF SAID PARCEL MAP NO. 11468, SOUTH $89^{\circ}14'05''$ EAST, A DISTANCE OF 655.30 FEET TO THE NORTHEAST CORNER OF SAID PARCEL MAP NO. 11468,

THENCE, (17) SOUTHERLY ALONG THE EASTERLY LINE OF PARCEL 4 OF SAID PARCEL MAP NO. 11468, SOUTH $0^{\circ}23'57''$ EAST, A DISTANCE OF 565.28 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL 4 OF SAID PARCEL MAP NO. 11468;

THENCE, (18) WESTERLY ALONG THE LINE COMMON TO BOTH PARCELS 3 AND 4 OF SAID PARCEL MAP NO. 11468, NORTH $89^{\circ}14'05''$ WEST, A DISTANCE OF 455.11 FEET TO AN ANGLE POINT THEREIN;

THENCE, (19) SOUTHWESTERLY ALONG THE LINE COMMON TO BOTH PARCELS 2 AND 3 OF SAID PARCEL MAP NO. 11468, SOUTH $36^{\circ}24'18''$ WEST, A DISTANCE OF 127.84 FEET TO THE BEGINNING OF A TANGENT 51.30 FOOT RADIUS CURVE, CONCAVE EASTERLY;

THENCE, (20) CONTINUING ALONG SAID COMMON LINE SOUTHWESTERLY AND EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF $114^{\circ}39'18''$, AN ARC DISTANCE OF 102.66 FEET;

THENCE, (21) EASTERLY TANGENT TO SAID LAST MENTIONED CURVE AND CONTINUING ALONG SAID COMMON LINE SOUTH 78°15'00" EAST, A DISTANCE OF 126.24 FEET TO AN ANGLE POINT THEREIN;

THENCE, (22) SOUTHEASTERLY ALONG SAID COMMON LINE, SOUTH 43°45'00" EAST, A DISTANCE OF 171.00 FEET TO THE NORTH CORNER OF PARCEL 1 OF SAID PARCEL MAP NO. 11468, SAID CORNER BEING AN ANGLE POINT COMMON TO PARCELS 1, 2, AND 3 OF SAID PARCEL MAP 11468;

THENCE, (23) SOUTHEASTERLY ALONG A LINE COMMON BETWEEN PARCELS 1 AND 3 OF SAID PARCEL MAP NO. 11468, SOUTH 52°15'00" EAST, A DISTANCE OF 178.00 FEET TO AN ANGLE POINT THEREIN;

THENCE, (24) CONTINUING SOUTHERLY ALONG SAID COMMON LINE, SOUTH 1°30'00" EAST, A DISTANCE OF 224.00 FEET TO THE BEGINNING OF A TANGENT 73.43 FOOT RADIUS CURVE, CONCAVE NORTHEASTERLY;

THENCE, (25) CONTINUING ALONG SAID COMMON LINE SOUTHERLY AND SOUTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 68°30'00", AN ARC DISTANCE OF 87.79 FEET;

THENCE, (26) SOUTHEASTERLY TANGENT TO SAID LAST MENTIONED CURVE AND CONTINUING ALONG SAID COMMON LINE SOUTH 70°00'00" EAST, A DISTANCE OF 73.01 FEET TO A POINT ON THE EASTERLY LINE OF SAID PARCEL MAP NO. 11468, SAID POINT BEING COMMON TO PARCELS 1 AND 3 OF SAID PARCEL MAP NO. 11468, SAID POINT BEING ALSO ON THE WESTERLY LINE OF PARCEL 1 OF PARCEL MAP NO. 11823, RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF SAN DIEGO ON NOVEMBER 25, 1981, AS FILE NO. 81-374150;

THENCE, (27) NORTHERLY ALONG THE WESTERLY LINE OF PARCEL 1 OF SAID PARCEL MAP NO, 11823, NORTH 0°23'57" WEST, A DISTANCE OF 401.34 FEET TO THE SOUTHWEST CORNER OF PARCEL 3 OF SAID PARCEL MAP NO. 11823, SAID CORNER BEING ALSO THE POINT OF BEGINNING OF THAT CERTAIN GRANT DEED TO CRAIG L. CHANDLER AND LISA M. CHANDLER, CO-TRUSTEES OF THE CHANDLER FAMILY TRUST DATED SEPTEMBER 28, 1999 AND RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF SAN DIEGO ON MAY 01, 2013, AS DOCUMENT NO. 2013-0272436;

THENCE, (28) CONTINUING NORTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 3 OF SAID PARCEL MAP NO. 11823 AND ALONG SAID CHANDLER LAND NORTH 00°23'57" WEST, 94.93 FEET TO THE MOST NORTHERLY CORNER OF LAND DESCRIBED IN DEED TO JEFF MCLEAN, ET UX, RECORDED JULY 22, 1991, AS FILE NO. 1991-0358597 OF OFFICIAL RECORDS;

THENCE, (29) SOUTH 58°48'56" EAST (SOUTH 54°48'56" EAST DESCRIBED ON DEED) ALONG THE NORTHERLY LINE THEREOF, 187.78 FEET TO AN ANGLE POINT IN THE BOUNDARY OF SAID PARCEL 1 OF SAID PARCEL MAP NO. 11823, BEING THE MOST WESTERLY CORNER OF LAND DESCRIBED IN DEED TO JOE MCLEAN, ET UX, RECORDED JULY 22, 1991, AS FILE NO. 1991-0358598 OF OFFICIAL RECORDS;

THENCE, (30) ALONG THE SOUTHERLY LINE OF SAID MCLEAN LAND, NORTH 77°07'17" EAST, 215.99 FEET TO THE EASTERLY LINE OF SAID PARCEL 1 OF SAID PARCEL MAP NO. 11823;

THENCE, (31) SOUTHERLY ALONG SAID EASTERLY LINE OF SAID PARCEL 1, SOUTH 13°30'00" EAST, 486.18 FEET TO THE SOUTHEASTERLY CORNER OF SAID PARCEL 1, SAID CORNER BEING COMMON TO SAID PARCEL 1 AND PARCEL 2 OF SAID PARCEL MAP NO. 11823, SAID CORNER BEING ALSO A POINT ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 32;

THENCE, (32) LEAVING SAID CHANDLER LAND EASTERLY ALONG THE SOUTHERLY LINE OF LAST SAID PARCEL 2 AND SAID SOUTHERLY LINE OF SAID NORTHWEST QUARTER OF SAID SECTION 32, SOUTH 89°10'33" EAST, 170.00 FEET TO THE CENTER OF SECTION 32 AND THE **POINT OF BEGINNING**.

GROSS AREA = 63.98 ACRES

ROAD AREA = 0.0 ACRES


NET AREA = 63.98 ACRES

SEE EXHIBIT "B", SHEETS 3 THROUGH 6, ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

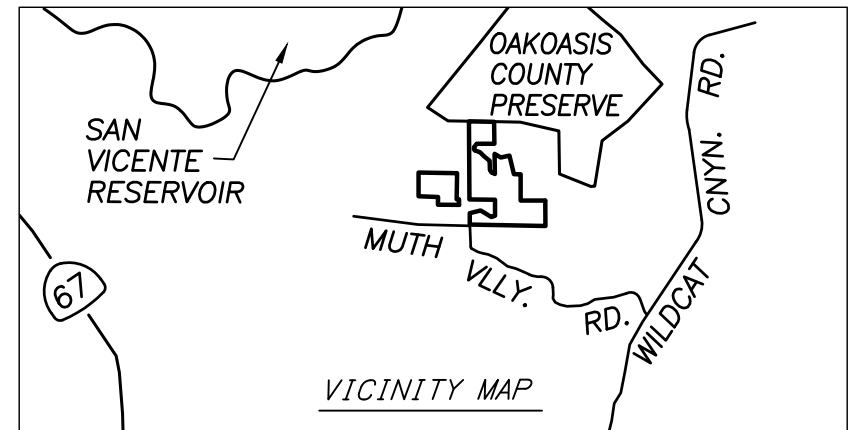
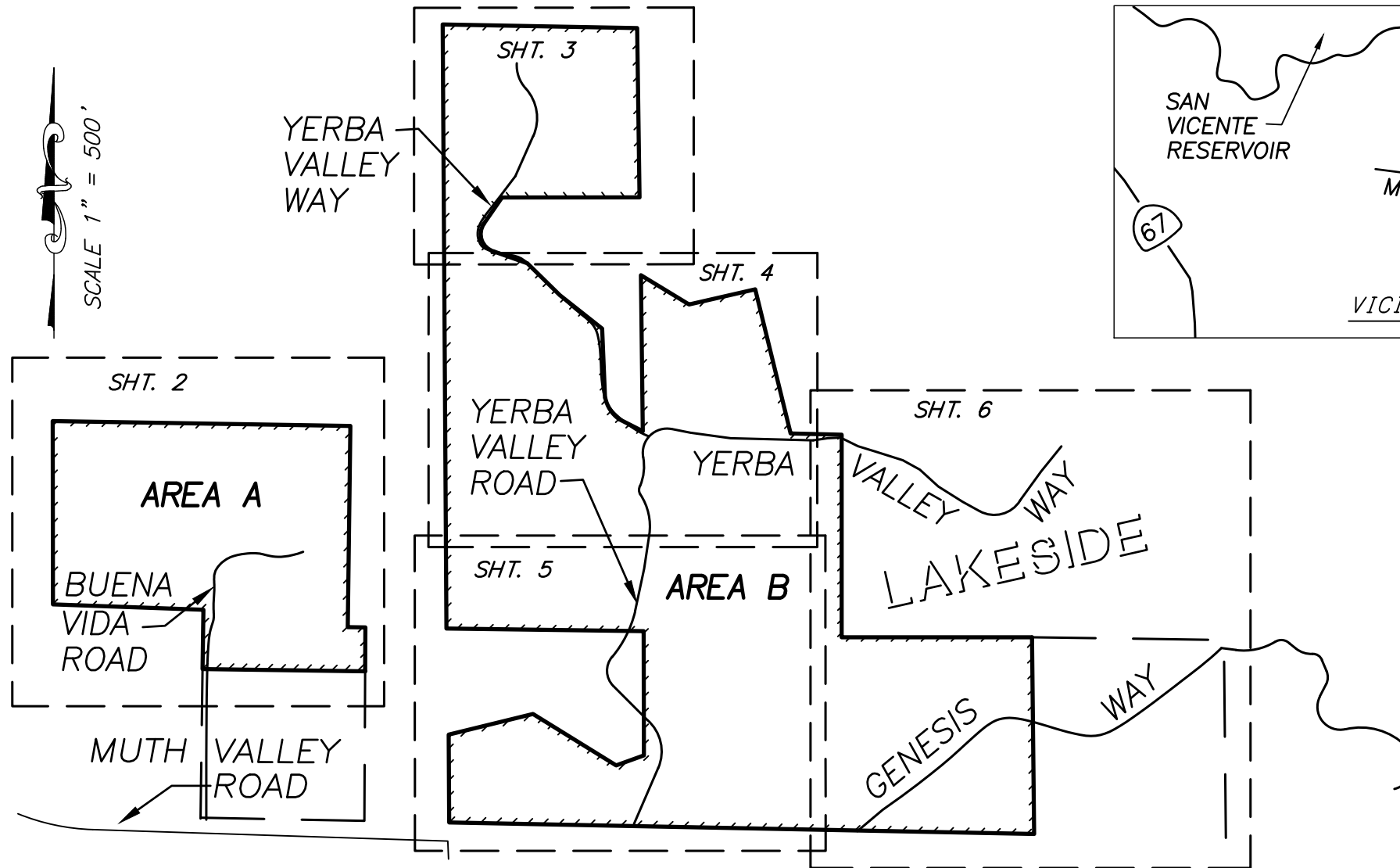
FOR ASSESSMENT PURPOSES ONLY. THIS DESCRIPTION OF LAND IS NOT A LEGAL PROPERTY DESCRIPTION AS DEFINED IN THE SUBDIVISION MAP ACT AND MAY NOT BE USED AS THE BASIS FOR AN OFFER FOR SALE OF LAND DESCRIBED.

Legal description prepared by:
Kappa Surveying & Engineering, Inc.

The Metropolitan Water District
of Southern California
Geodetics & Mapping Team
ANNEXATION - CONDITIONAL REV
Reviewer: B.G. Date: 09/28/22

By: 
Allen R. A. Turner III, PLS
Registration expires December 31, 2022





NOTE:
NO DEDICATED PUBLIC
ROADS CURRENTLY EXIST
WITHIN ANNEXATION
AREAS SHOWN HEREON.

The Metropolitan Water District
of Southern California
Geodetics & Mapping Team
ANNEXATION - CONDITIONAL REV
Reviewer: B.G. Date: 09/28/22



[Signature]
Allen R. A. Turner III PLS

SHEET 1 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 80.34	DATE 09-22-2022	SCALE 1"=500'
Lakeside Water District / Yerba Valley Annexation EXHIBIT B INDEX SHEET / VICINITY MAP		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

DISCLAIMER:
FOR ASSESSMENT PURPOSES ONLY. THE DESCRIPTION OF
LAND IS NOT A LEGAL PROPERTY DESCRIPTION AS DEFINED
IN THE SUBDIVISION MAP ACT AND MAY NOT BE USED AS
THE BASIS FOR AN OFFER FOR SALE OF LAND DESCRIBED.

323817-Muth Vly. Annexation

LEGEND

- P.O.B. POINT OF BEGINNING
- EXISTING WATER DISTRICT BOUNDARY
- PROPOSED WATER DISTRICT BOUNDARY



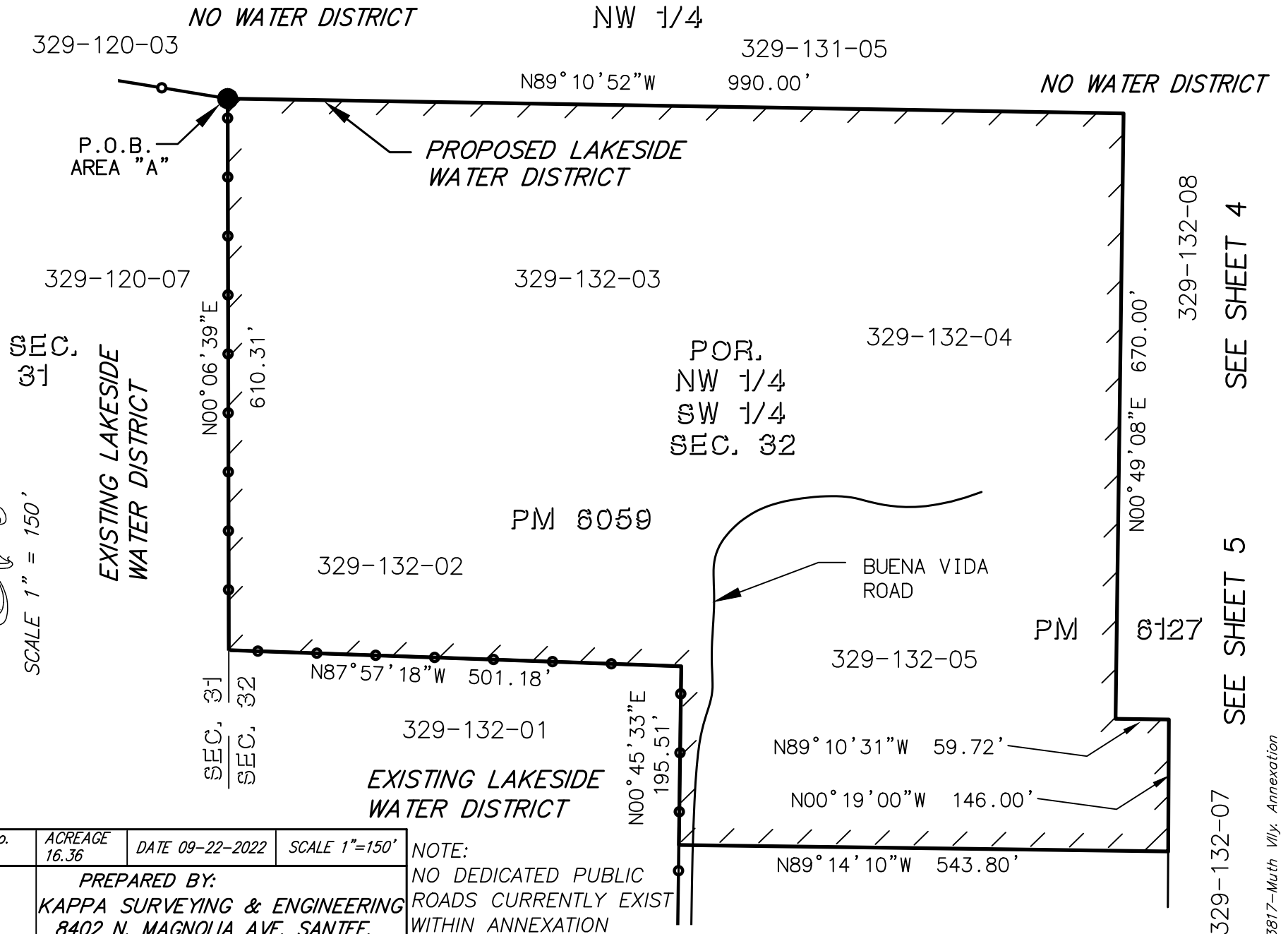
Allen R. A. Turner III PLS

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LAND DESCRIBED.

EXHIBIT B

SHEET 2 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 16.36	DATE 09-22-2022	SCALE 1"=150'
Lakeside Water District / Yerba Valley Annexation AREA "A"- MUTH VALLEY BEING A PORTION OF SECTION 32, T.14.S, R.1.E		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

NOTE:
NO DEDICATED PUBLIC
ROADS CURRENTLY EXIST
WITHIN ANNEXATION
AREAS SHOWN HEREON.



LEGEND

—○—○— EXISTING WATER DISTRICT BOUNDARY
 // // // PROPOSED WATER DISTRICT BOUNDARY

SCALE 1" = 150'



Allen R. A. Turner III
 Allen R. A. Turner III PLS

329-131-05
 SW 1/4
 NW 1/4
 NO WATER DISTRICT
 PROPOSED LAKESIDE WATER DISTRICT

CENTER
 NW 1/4
 SEC. 32

NE 1/4
 NW 1/4
 NO WATER DISTRICT 329-131-01

N89°14'05"W 655.30'

YERBA VALLEY WAY

POR.
 SE 1/4
 NW 1/4
 SEC. 32

329-131-32

PM
 11823

329-131-09

329-131-11

PM
 11468

N89°14'05"W 455.11'

N36°24'18"E 127.84'

329-131-10

NOTE:
 NO DEDICATED PUBLIC
 ROADS CURRENTLY EXIST
 WITHIN ANNEXATION
 AREAS SHOWN HEREON.

SEE SHEET 4

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EXHIBIT B

SHEET 3 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 63.98	DATE 09-22-2022	SCALE 1"=150'
Lakeside Water District / Yerba Valley Annexation AREA "B"— MUTH VALLEY BEING A PORTION OF SECTION 32, T.14.S, R.1.E		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

LEGEND

- P.O.B. POINT OF BEGINNING
- EXISTING WATER DISTRICT BOUNDARY
- PROPOSED WATER DISTRICT BOUNDARY

SCALE 1" = 250'



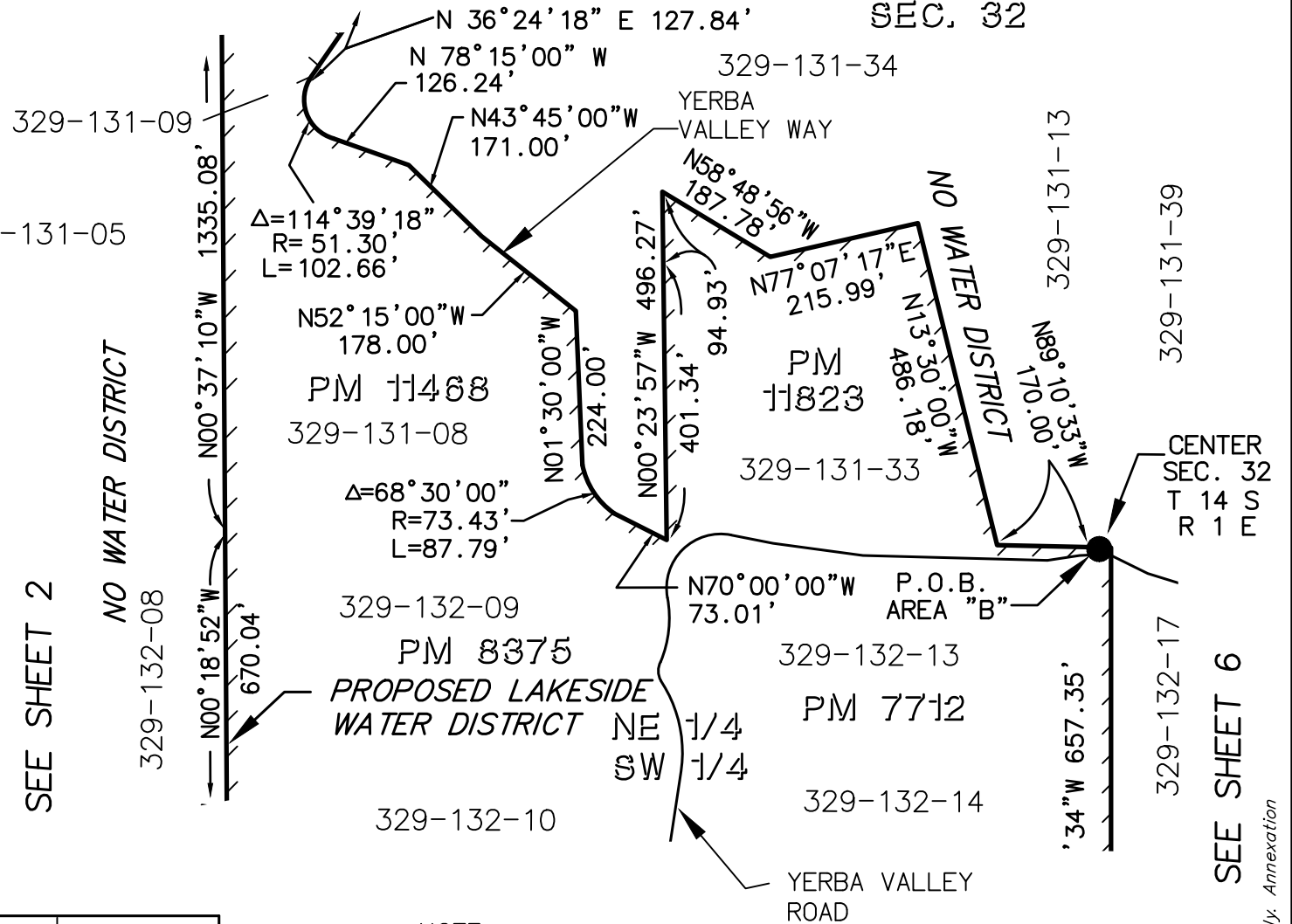
Allen R. A. Turner III PLS

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EXHIBIT B

SHEET 4 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 63.98	DATE 09-22-2022	SCALE 1"=150'
Lakeside Water District / Yerba Valley Annexation AREA "B"- MUTH VALLEY BEING A PORTION OF SECTION 32, T.14.S, R.1.E		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

SEE SHEET 3



NOTE:
NO DEDICATED PUBLIC
ROADS CURRENTLY EXIST
WITHIN ANNEXATION
AREAS SHOWN HEREON.

SEE SHEET 5

SEE SHEET 6

323817-Muth Vly. Annexation

LEGEND

EXISTING WATER DISTRICT BOUNDARY
PROPOSED WATER DISTRICT BOUNDARY



Allen R. A. Turner III PLS

SCALE 1" = 250'

SEE SHEET 2

NW 1/4
SW 1/4

PM 6127

NO WATER DISTRICT

329-132-08

329-132-07

CENTER
SW 1/4
SEC. 32

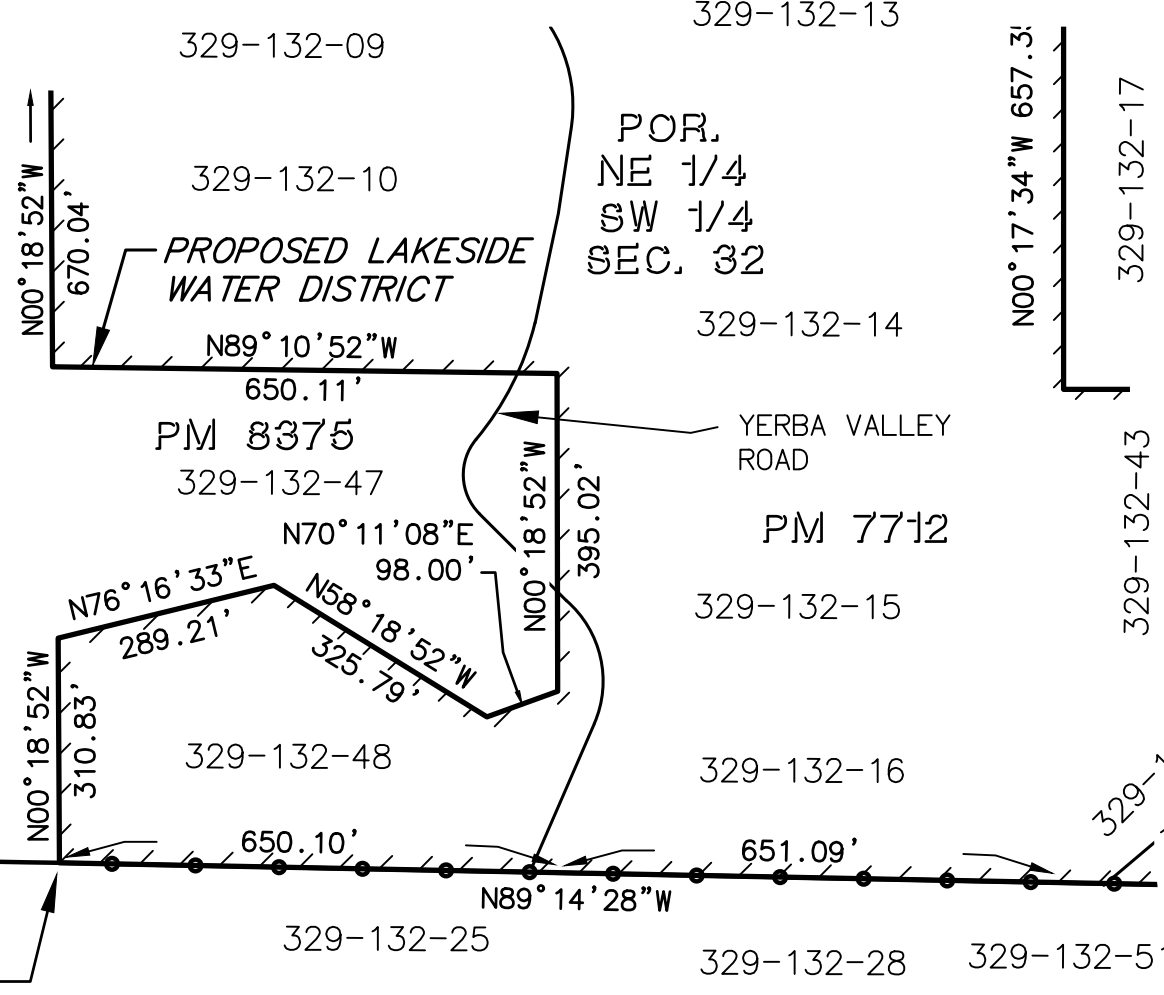


EXHIBIT B

SHEET 5 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 63.98	DATE 09-22-2022	SCALE 1"=150'
Lakeside Water District / Yerba Valley Annexation AREA "B"- MUTH VALLEY BEING A PORTION OF SECTION 32, T.14.S, R.1.E		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

EXISTING LAKESIDE WATER DISTRICT

DISCLAIMER:
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NOTE:
NO DEDICATED PUBLIC ROADS CURRENTLY EXIST WITHIN ANNEXATION AREAS SHOWN HEREON.

323817-Muth Vly. Annexation

LEGEND

P.O.B. POINT OF BEGINNING

EXISTING WATER DISTRICT BOUNDARY

PROPOSED WATER DISTRICT BOUNDARY

NOTE:
NO DEDICATED PUBLIC ROADS
CURRENTLY EXIST WITHIN
ANNEXATION AREAS SHOWN
HEREON.



Allen R. A. Turner III
Allen R. A. Turner III PLS

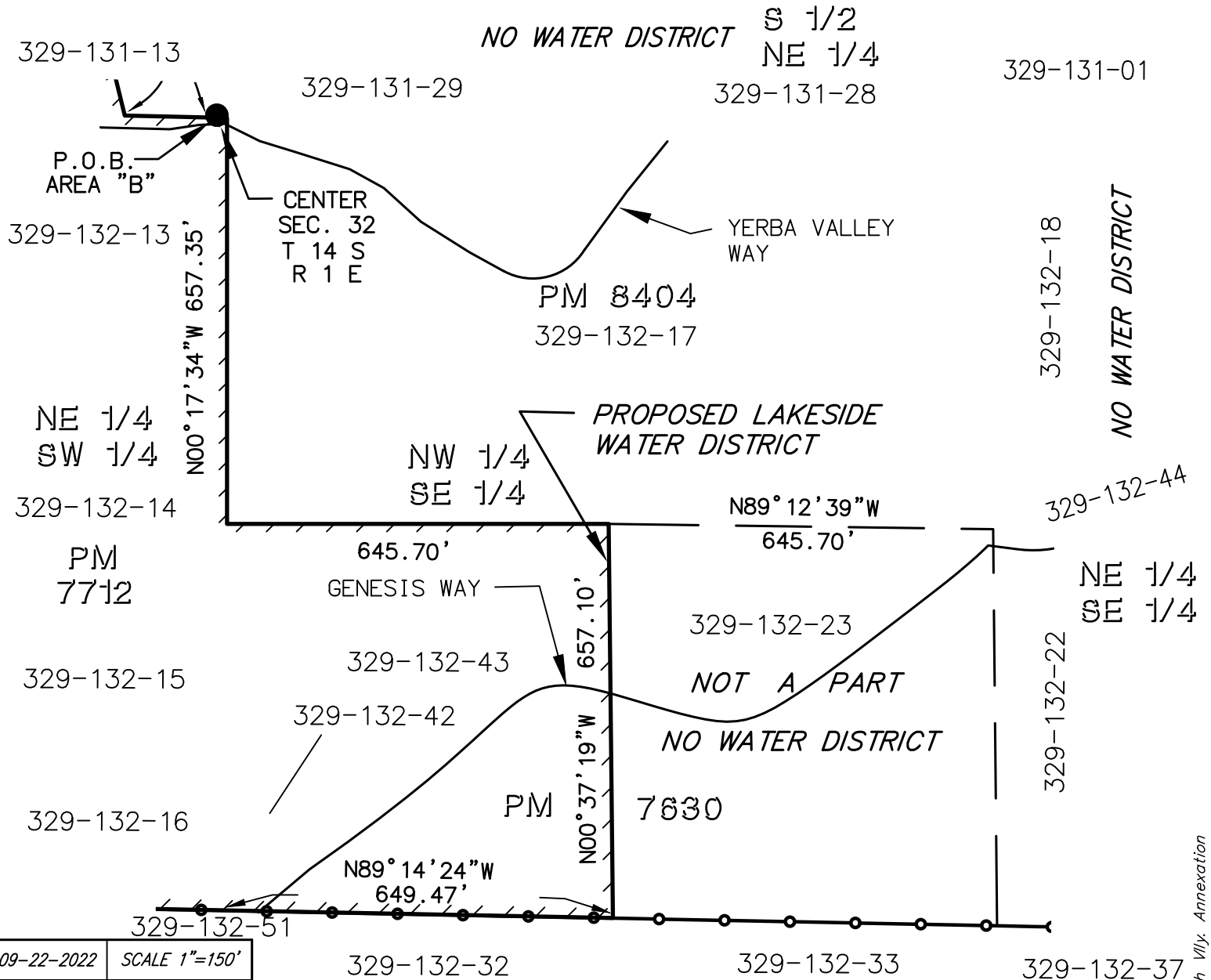
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LAND DESCRIBED.

EXHIBIT B

SCALE 1" = 250'

SEE SHEET 4

SEE SHEET 5



SHEET 6 OF 6 SHEETS	LAFCO RESOLUTION No. RO 18-07	ACREAGE 63.98	DATE 09-22-2022	SCALE 1"=150'
Lakeside Water District / Yerba Valley Annexation AREA "B"- MUTH VALLEY BEING A PORTION OF SECTION 32, T.14.S, R.1.E		PREPARED BY: KAPPA SURVEYING & ENGINEERING 8402 N. MAGNOLIA AVE. SANTEE, SUITE C, CA 92071 619-449-2600		

EXISTING LAKESIDE
WATER DISTRICT S 1/2
SE 1/4

**Documentation for Annexation of Territory to
The Metropolitan Water District of Southern California (MWD)
Water Use Efficiency Compliance Statement
Yerba Valley Annexation
June 2022**

A. General Information

Description of Annexing Area	<p>Member Agency: San Diego Water Authority Annexation Name: Yerba Valley Annexation Water Use: 5 acre-feet per year</p> <p>Annexing Water Demand: 5 AFY Imported Water Demand: 5 AFY Percent MWD Supplied: Up to 100% of demand Peak Water Demand: 4.6 AFY with higher demands in August</p> <p>Development Plans: 17 pre-existing homes with groundwater wells Zoning: Semi-Rural SR-10</p> <p>Address: adjacent to the north side of the sphere of influence boundary of Lakeside Water District totaling 80.4 acres.</p> <p>Additional Water Agencies Involved in Annexation: 1. Sub-agency: Lakeside Water District 2. Local Agency Formation Commission</p>
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B. Member Agency Water Use and Efficiency Plans

(1) Annual Water Use.

<p>1. Does your agency minimize annual water demand and peak demands by incorporating water conservation measures throughout the service area?</p> <p>Please describe such conservation measures in the service area.</p> <p>MWD Administrative Code § 3107 (a)(1)(i)</p>	<p>Member Agency Response: San Diego County Water Authority Yes</p> <p>Description: The following documents were adopted by the Water Authority's Board of Directors:</p> <ul style="list-style-type: none"> Annexation Policies (adopted February 2006; updated May 2019) Model Drought Ordinance (May 2021) – included as Appendix B to the Water Shortage Contingency Plan (May 2021) <p>Supporting documentation:</p> <ul style="list-style-type: none"> SDCWA Annexation Policies, May 2019 (Attachment 1) Water Shortage Contingency Plan (with Model Drought Ordinance) <p>Sub-Agency Member Agency Response: Lakeside Water District YES</p> <p>Description: Lakeside Water Districts Administrative Code includes the Drought Response Conservation Program establishing water management requirements. Level 1 condition Drought Watch measures are reinforced through local and regional public education and awareness measures. Levels 2 through 4 can be reviewed at https://lakesidewater.org/board-of-directors/administrative-code-policies/.</p>

2. Does your service area maximize use of groundwater, local surface water, and recycled waste water supplies to minimize annual water demand on MWD?

Please describe such maximizing uses in the service area.

MWD Administrative Code § 3107 (a)(1)(ii)

Member Agency Response: San Diego County Water Authority Yes

Description:

GROUNDWATER

Within the past five years, water supply agencies within the Water Authority's service area have produced an annual average of approximately 22,300 AF of potable water supplies from groundwater. This total represents production from both brackish groundwater desalination facilities and municipal wells producing groundwater not requiring desalination.

In addition to providing a local supply to water agencies, groundwater is also a source of supply for numerous private well owners who draw on groundwater to help meet their domestic and agricultural water needs. These domestic supplies help to offset demand for imported water provided by the Water Authority and its member agencies. Although the amount of groundwater pumped by private wells is significant, it cannot be accurately quantified nor estimated within the Water Authority's entire service area.

Groundwater production in the Water Authority's service area is limited by a number of factors including the limited geographic extent of the more productive sand and gravel (alluvial) aquifers and the relatively shallow nature of most of the alluvial aquifers.

Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Pages 5-6 to 5-12. <https://www.sdcwa.org/urban-water-management-plan>

SURFACE WATER

The regional surface water yield is supported by 24 surface reservoirs with a combined capacity of 722,793 AF. The reservoirs are located in seven of the San Diego County's nine coastal watersheds.

The Water Authority's Emergency Storage Project (ESP) added 90,100 AF of water storage capacity for emergency use and the Carryover Storage Project (CSP) more than 105,000 AF of carryover storage capacity as a hedge against dry years. Olivenhain Reservoir is part of the ESP and CSP and has a storage capacity of 24,774 AF.

Supporting documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Pages 5-2 to 5-5. <https://www.sdcwa.org/urban-water-management-plan>

WATER RECYCLING

Water Authority member agencies use recycled water to fill lakes, ponds, and ornamental fountains; to irrigate parks, campgrounds, golf courses, freeway medians, community greenbelts, school athletic fields, food crops, and nursery stock; and to control dust at construction sites. Recycled water can also be used in certain industrial processes, in cooling towers and for flushing toilets and urinals in non-residential buildings. Recycled water is also being considered for street sweeping purposes.

Several Water Authority member agencies are completing studies pertaining to potable reuse in San Diego County through groundwater recharge or reservoir augmentation.

PROJECTED RECYCLED WATER USE (AF/YR)

2020	2025	2030	2035	2040
35,753	41,963	45,513	45,628	45,749

Supporting documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Pages 5-15 to 5-30. <https://www.sdcwa.org/urban-water-management-plan>

Sub-Agency Member Agency Response: Lakeside Water District YES

Description:

Lakeside Water District purchases 75-85% imported water from CWA/MWD.

Lakeside Water operates wells to supply up to 25% with local groundwater.

Wastewater collection, treatment and disposal or reclamation services within the District's boundaries are performed by completely separate and unrelated agencies so the District does not have recycled water opportunities.

Supporting Documentation: (Attach supporting documents or web links)
<https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/>

3. Does your service area construct and operate local storage and groundwater production facilities as required by California Water Code Sections 10700-10710 (Groundwater Resources)?

Please describe such construction and operations in the service area.

MWD Administrative Code § 3107 (a)(1)(iii)

Member Agency Response: San Diego County Water Authority Yes

Description:

As discussed above under B.2:

- The regional surface water yield is supported by 24 surface reservoirs with a combined capacity of 722,793 AF
- Groundwater opportunities within the Water Authority's service area are limited; however, maximizing groundwater development is critical to diversifying the region's water supply portfolio. The management of groundwater resources, including the construction and operation of groundwater production facilities by the Water Authority's member agencies, is done in compliance with California Water Code Sections 10700-10710.

Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Pages 5-2 to 5-15. <https://www.sdcwa.org/urban-water-management-plan>

Sub-Agency Response: Lakeside Water District Yes

Description:

The management of groundwater resources, including the construction and operation of groundwater production facilities by the Water Authority's member agencies, is done in compliance with California Water Code Sections 10700-10710. Lakeside Water District operates wells to supply up to 25% with local groundwater with District storage capacity of 14 million gallons.

Supporting Documentation:
<https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/>

4. Does your agency condition all new territory to be consistent with all applicable city, county, and state laws?

MWD Administrative Code § 3107 (a)(1)(iv)

Member Agency Response: San Diego County Water Authority Yes

Description:

On February 15, 2006, the Water Authority's Board of Directors adopted Annexation Policies.

Annexation Policy #3, *Conservation and Local Supply Use Requirements*, includes the statement that the Water Authority Board may condition an annexation to require developments and development projects in the annexed territory to:

- Utilize recycled water in accordance with California Water Code;
- Incorporate water conserving design and improvements within subdivisions, both residential and commercial;
- Incorporate water conserving design and improvements in building, grading, landscaping, and other similar development and construction plans; and
- Require maintenance of water conserving landscape through CC&Rs.

In addition, the Water Authority sub-agency with jurisdiction over annexing parcels must submit evidence of the following prior to Water Authority Board approval of the annexation:

- A regulatory plan to require all new developments within proposed annexing territories and member agency's service area to incorporate water conserving design and improvements based on current Water Authority water-use-efficiency policies and reasonable conservation practices and measures;
- A regulatory plan to require all new developments within proposed annexing territories to use recycled water in accordance with California Water Code, or explain why such use is infeasible;
- The member agency has accounted for groundwater and surface water supplies available to the annexing territory in the member agency's water management plan and where appropriate and feasible, intends to use for consumptive purposes; and
- The member agency is maximizing use of recycled water and groundwater throughout its service area or has conducted feasibility studies that have determined that development of recycled water is not practical or feasible.

Annexation Policy #9, *Land-Use Approvals*, states that the Water Authority sub-agency with jurisdiction over the annexing territory shall provide certification that the annexation is consistent with the applicable city or county general plan and/or specific plan(s).

Supporting documentation: SDCWA Annexation Policies, February 2006 (**Attachment 1**)

Sub-Agency Response: Lakeside Water District Yes

Description:

Lakeside Water Districts Administrative Code Section 9 - Annexation Policies, which is consistent with the County General Plan, environmental documentation, planning and permitting. In addition, Lakeside Water District follows the Water Authority's Annexation Policy requirements.

Supporting documentation: Lakeside Water District Administrative Code Section 9 (Attachment 2)

(2) Recycled Water.

5. Does your service area use recycled water in accordance with California Water Code Sections 13550-13557 (Water Reuse)?

Please describe such recycled water use in the service area.

MWD Administrative Code § 3107 (a)(2)

Member Agency Response: San Diego County Water Authority Yes

Description: The Water Authority uses recycled water in accordance with the California Water Code Sections 13550-13557.

Local Water Supply Development Program

The Water Authority administers the Local Water Supply Development (LWSD) Program, which is designed to ensure the financial feasibility of local water recycling projects during their initial years of operation. To date, the Water Authority has entered into LWSD agreements with 12 water and wastewater agencies for a combined project yield of over 46,000 AF/YR. Over \$55 million in Water Authority incentive funding has been awarded to program participants.

Supporting documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Page 5-20. <https://www.sdcwa.org/urban-water-management-plan>

Sub-Agency Response: Lakeside Water District

Description:

Lakeside Water District's is a water only agency. Wastewater is handled by septic or by the County of San Diego or a small area by Padre Dam Municipal Water District (who has a recycled water program). At the current time it is unfeasible to supply recycled water in the Lakeside Water District service area. Moreover, there are no recycled water pipelines within a reasonable distance to the District.

(3) Local Resources.

<p>6. Has your agency established measures to sustain a seven-to 21-day interruption in service, as required by MWD Administrative Code Section 4503(b)?</p> <p>MWD Administrative Code § 3107 (a)(3)</p>	<p>Member Agency Response: San Diego County Water Authority Yes</p> <p>Description: <u>San Diego County Water Authority's Emergency Storage Program (ESP) and Carryover Storage Project (CSP)</u></p> <ul style="list-style-type: none"> The Water Authority's ESP and CSP is a system of reservoirs, interconnected pipelines, and pumping stations designed to make water available to the San Diego region if imported water deliveries are interrupted. The ESP and CSP facilities can be used to help deliver emergency water supply to member agencies during two- and six-month emergency events in which San Diego County is unable to receive regular imported water deliveries. The Water Authority Board may also authorize that water stored under the ESP and CSP be used in a prolonged drought or other water shortage situation. The Water Authority's ESP added 90,100 AF of water storage capacity for emergency use and the CSP more than 105,000 AF of carryover storage capacity as a hedge against dry years. Olivenhain Reservoir is part of the ESP and CSP and has a storage capacity of 24,774 AF. <p>Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan," Pages 11-1 to 11-5 https://www.sdcwa.org/urban-water-management-plan</p> <p>Sub-Agency Response: Lakeside Water District Yes</p> <p>Description: Lakeside Water District is signatory to the "East County Regional Treated Water Improvement Program" (ECRTWIP).</p> <ul style="list-style-type: none"> The program allows water treatment of SDCWA raw water supplies stored locally, to be accomplished by SDCWA member agency Helix Water District within the service areas of the five signatory agencies. The basis of the program was to provide for extra water storage and water treatment capabilities for east San Diego County. The District also has storage capacity in their neighboring Padre Dam Municipal Water District (PDMWD) system stemming from prior executed agreements when PDMWD was the water wholesaler for Lakeside Water District. Approximate storage total is 9 million gallons and allows for emergency connections to PDMWD to be utilized in the event of a supply emergency from wholesale agencies. <p>Combined with the above Emergency Storage Project the Lakeside Water District can sustain a seven to 21 day interruption in water deliveries from MWD.</p>

C. Reporting to the District

<p>7. Has your agency incorporated conservation measures in the new territory?</p> <p>Please describe such measures.</p> <p>MWD Administrative Code § 3107(b)(1)</p>	<p>Member Agency Response: San Diego County Water Authority Yes</p> <p>Description: On February 15, 2006, the Water Authority Board of Directors’ adopted Annexation Policies.</p> <p>Supporting documentation: SDCWA Annexation Policies, February 2006 (Attachment 1).</p> <p>Sub Agency Response: Lakeside Water District Yes</p> <p>Description: Lakeside Water Districts Administrative Code includes the Drought Response Conservation Program establishing water management requirements. Level 1 condition Drought Watch measures are reinforced through local and regional public education and awareness measures. Levels 2 through 4 can be reviewed at https://lakesidewater.org/board-of-directors/administrative-code-policies/</p> <p>Supporting Documentation: https://lakesidewater.org/board-of-directors/administrative-code-policies/</p>																				
<p>8. What is your agency’s total annual production of local water supplies including, but not limited to, recycled water, groundwater, and local surface water use?</p> <p>MWD Administrative Code § 3107(b)(2)</p>	<p>Member Agency Response: San Diego County Water Authority</p> <p>Description: The following includes production of local supplies for the Water Authority’s service area, including Water Authority and member agency supplies.</p> <p>Groundwater</p> <ul style="list-style-type: none">Within the past five years, water supply agencies within the Water Authority’s service area have produced an annual average of approximately 22,300 AF of potable water supplies from groundwater. This total represents production from both brackish groundwater desalination facilities and municipal wells producing groundwater not requiring desalination. Groundwater production in the Water Authority’s service area is limited by several factors, including the limited geographic extent of the more productive alluvial aquifers. The projected annual yield from verifiable groundwater projects (AF/YR) in five-year increments is shown in the table below. <table><tr><th>2025</th><th>2030</th><th>2035</th><th>2040</th><th>2045</th></tr><tr><td>30,300</td><td>31,500</td><td>315,500</td><td>28,000</td><td>28,000</td></tr></table> <p>Surface Water</p> <ul style="list-style-type: none">The regional surface water yield is supported by 24 reservoirs with a combined capacity of 739,967 AF. The table below shows the projected normal surface water supply within the Water Authority’s service area (AF/YR) in five-year increments. <table><tr><th>2025</th><th>2030</th><th>2035</th><th>2040</th><th>2045</th></tr><tr><td>43,957</td><td>43,957</td><td>44,659</td><td>44,659</td><td>44,659</td></tr></table>	2025	2030	2035	2040	2045	30,300	31,500	315,500	28,000	28,000	2025	2030	2035	2040	2045	43,957	43,957	44,659	44,659	44,659
2025	2030	2035	2040	2045																	
30,300	31,500	315,500	28,000	28,000																	
2025	2030	2035	2040	2045																	
43,957	43,957	44,659	44,659	44,659																	

- The Water Authority's Emergency & Carryover Storage Project (E&CSP) added 90,100 AF of water storage capacity for emergency use, and more than 105,000 AF of carryover storage capacity as a hedge against dry years. Olivenhain Reservoir is part of the E&CSP and has a storage capacity of 24,774 AF. In addition, the E&CSP and carryover storage component of the San Vicente Dam Raise provides an additional 157,663 AF of water storage capacity at San Vicente Reservoir.

Water Recycling

- The Water Authority works closely with its member agencies to determine the projected yield from existing and planned recycled water projects; the estimated annual yield (AF/YR) in five-year increments for verifiable, non-potable recycled water is shown in the table below.

2025	2030	2035	2040	2045
41,963	45,513	45,628	45,749	45,854

Potable Reuse

- The Water Authority has been a staunch supporter and an active participant in advancing the goal of implementing potable reuse in San Diego County for over 20 years. The estimated verifiable annual yield (AF/YR) for potable reuse supplies in five-year increments, based on the implementation schedules provided by Water Authority member agencies and the likelihood of development, is shown in the table below.

2025	2030	2035	2040	2045
33,042	53,202	112,562	112,562	112,562

Desalination

- The estimated annual yield (AF/YR) in five-year increments for verifiable, desalinated water from the Carlsbad Desalination Plant is shown in the table below.

2025	2030	2035	2040	2045
56,000	56,000	56,000	56,000	56,000

Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." Pages 4-8 to 4-9, 5-2 to 5-42, and 9-3. <https://www.sdcwa.org/urban-water-management-plan>

Sub-Agency Response: Lakeside Water District

Description: Groundwater Production Current and Projected

2018-19	2020	2025	2030	2035	2040
683.4	1,000	1,000	1,500	1,500	1,500

Form of Documentation:

<https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/>

9. Has your agency established resources to sustain a seven-to 21-day interruption in service, as required by MWD Administrative Code Section 4503(b)?

Please describe such resources, as applicable to your agency's facilities, as specified in MWD Administrative

Member Agency Response: San Diego County Water Authority Yes

Description:

San Diego County Water Authority's Emergency Storage Project (ESP)

- The Water Authority's ESP is a system of reservoirs, interconnected pipelines, and pumping stations designed to make water available to the San Diego region if imported water deliveries are interrupted. The ESP facilities can be used to help deliver emergency water supply to member agencies during two- and six-month emergency events in which San Diego County is unable to receive regular imported water deliveries. The Water Authority Board may also authorize that

<p>Code §§ 3107(b)(3).</p> <p>MWD Administrative Code § 3107(b)(3)</p>	<p>water stored under the ESP be used in a prolonged drought or other water shortage situation. The ESP added 90,100 AF of water storage capacity for emergency use, and more than 105,000 AF of carryover storage capacity.</p> <p>Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan," Pages 11-2 to 11-5 https://www.sdcwa.org/urban-water-management-plan</p> <p>Sub-Agency Response: Lakeside Water District Yes</p> <p>Description: Lakeside Water District is signatory to the "East County Regional Treated Water Improvement Program" (ECRTWIP).</p> <ul style="list-style-type: none"> The program allows water treatment of SDCWA raw water supplies stored locally to be accomplished by SDCWA member agency Helix Water District within the service areas of the five signatory agencies. The basis of the program was to provide for extra water storage and water treatment capabilities for east San Diego County. The District also has storage capacity in their neighboring Padre Dam Municipal Water District (PDMWD) system stemming from prior executed agreements when PDMWD was the water wholesaler for Lakeside Water District. Approximate storage total is 9 million gallons and allows for emergency connections to PDMWD to be utilized in the event of a supply emergency from wholesale agencies. <p>Combined with the above Emergency Storage Project the Lakeside Water District can sustain a seven to 21 day interruption in water deliveries from MWD.</p>
<p>10. Has your agency submitted a current Urban Water Management Plan (UWMP) to the reporting agency?</p> <p>MWD Administrative Code § 3107(b)(4)(i)</p>	<p>Member Agency Response: San Diego County Water Authority Yes</p> <p>Description: The Water Authority submitted its 2020 Urban Water Management Plan to the California Department of Water Resources (DWR) in June 2021.</p> <p>Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan" https://www.sdcwa.org/urban-water-management-plan</p> <p>Sub-Agency Response: Lakeside Water District Yes</p> <p>Description: Lakeside Water District submitted its 2015 Urban Water Management Plan to the California Department of Water Resources (DWR) in June 2015.</p> <p>Form of Documentation: https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/</p>
<p>11. Does your agency's most current UWMP include a narrative description addressing the nature and extent of each water demand management measure implemented over the past 5 years, as required by California Water Code Section 10631(f)?</p>	<p>Member Agency Response: San Diego County Water Authority YES</p> <p>Description: Demand management is an important ongoing component of the Water Authority's</p>

<p>MWD Administrative Code § 3107(b)(4)(iii)</p>	<p>long-term strategy to increase the reliability of the San Diego Region's water supply through diversifying its water supply portfolio. The law requires the Water Authority, as the wholesale supplier, to support its retail member agencies' efforts to comply with SBX7-7 through a combination of regionally and locally administered active and passive water conservation measures, programs, and policies, as well as the use of recycled water. This is discussed in Section 3 – Demand Management, in the Water Authority's Urban Water Management Plan.</p> <p>Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan," Section 3 – Demand Management, Pages 3-1 to 3-15. https://www.sdcwa.org/urban-water-management-plan</p> <p>Sub Agency Response: Lakeside Water District Yes</p> <p>Description: See Lakeside Water District's Urban Water Management Plan that was prepared in accordance and compliance with the Urban Water Management Planning Act (Water Code Sections 10610 through 10656) and includes the conservation measures, programs and policies required by Water Code Section 10608.36</p> <p>Form of Documentation: Link to the UWMP https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/</p>
<p>12. Does your agency's most current UWMP adequately address California Water Code requirements?</p> <p>MWD Administrative Code § 3107(b)(4)(iii)</p>	<p>Member Agency Response: San Diego County Water Authority YES</p> <p>Description: The Water Authority's 2020 Urban Water Management Plan was prepared in accordance and compliance with the Urban Water Management Planning Act (Water Code Sections 10610 through 10656) and includes the conservation measures, programs and policies required by Water Code Section 10608.36.</p> <p>Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." https://www.sdcwa.org/urban-water-management-plan</p> <p>Sub Agency Response: Lakeside Water District Yes</p> <p>Description: See Lakeside Water District's Urban Water Management Plan that was prepared in accordance and compliance with the Urban Water Management Planning Act (Water Code Sections 10610 through 10656) and includes the conservation measures, programs and policies required by Water Code Section 10608.36</p> <p>Form of Documentation: Link to the UWMP https://lakesidewater.org/about-lakeside-water-district/urban-water-management-plan/</p>
<p>13. What is the status of implementing the water plans, projects, and programs described in the UWMP to implement California Water Code Section 10620 et seq.?</p> <p>MWD Administrative Code § 3107(b)(5)</p>	<p>Member Agency Response: San Diego County Water Authority</p> <p>Description: In accordance with its Administrative Code, the Water Authority prepares annual</p>

water supply reports to provide updated information on development of local and imported water supplies.

Supporting Documentation: San Diego County Water Authority's "2020 Urban Water Management Plan." <https://www.sdcwa.org/urban-water-management-plan>
San Diego County Water Authority's 2021 Annual Report
<https://www.sdcwa.org/annualreport/2021>

Sub-Agency Response: Lakeside Water District Yes

Description: The District updates its 5 year Capital Improvement Plan annually and evaluates all long range replacement projects, system upgrades or supply programs.

MWD

MWD Employee Name:

Karen Koble

File Date:

10-18-22

MWD Employee Name:

Valentin P. McGuffey

Review Date:

9/7/2022

Notes:

MWD Member Agency

The following member agency assures compliance with the provisions of Metropolitan's Water Use Efficiency Guidelines for the next five years as indicated in Metropolitan's Administrative Code § 3107 and shall report to Metropolitan regarding such compliance.

Agency Name: San Diego County Water Authority Date: 7/12/2022

Member Agency Representative Name: Efren Lopez

Notes:

RESOLUTION XXXX
RESOLUTION OF THE BOARD OF DIRECTORS
OF THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA
CONSENTING TO ANNEXATION TO SAN DIEGO COUNTY WATER AUTHORITY'S
YERBA VALLEY ANNEXATION
AND FIXING THE TERMS AND CONDITIONS
TO
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

WHEREAS, the Board of Directors of the San Diego County Water Authority (SDCWA), a county water authority situated in the county of San Diego, state of California, pursuant to Resolution No. 2022-09, in accordance with the provisions of the Metropolitan Water District Act (MWD Act), has applied to the Board of Directors of The Metropolitan Water District of Southern California (Metropolitan) for consent to annex thereto certain uninhabited territory situated in the county of San Diego referred to as Yerba Valley Annexation, more particularly described in an application to the San Diego County Local Agency Formation Commission (LAFCO), concurrently with Yerba Valley Annexation thereof to SDCWA, such annexation to Metropolitan to be upon such terms and conditions as may be fixed by the Board of Directors of Metropolitan;

WHEREAS, the owner of San Diego County Assessor Parcel Numbers 329-131(08, -09, -11, -33) and 329-132-02, -03, -04, -05, -09, -10, -13, -14, -15, -16, -42, -43, -48 (Property) has applied for annexation into the SDCWA and Metropolitan service areas.

WHEREAS, completion of said Yerba Valley Annexation shall be contingent upon approval by the LAFCO; conditioning its approval of the Yerba Valley Annexation upon a requirement that Metropolitan's existing and established taxes, benefit assessments, or property-related fees or charges in place in the service area are levied or fixed and collected on the parcels being annexed to the agency; these taxes, benefit assessments, or property-related fees or charges are identified below;

WHEREAS, Metropolitan has levied and collected ad valorem taxes on parcels within the territory of SDCWA. Such charges for fiscal year 2022/23 are described in Resolution 9301, adopted by Metropolitan's Board on April 12, 2022;

WHEREAS, since fiscal year 1992-93, Metropolitan has levied and collected water standby charges pursuant to Section 134.5 of the MWD Act on parcels within the territory of SDCWA. Such charges for fiscal year 2022/23 are described in Resolution 9307, adopted by Metropolitan's Board on May 10, 2022;

WHEREAS, upon the Yerba Valley Annexation, the parcel will be within Metropolitan's service area, Metropolitan water will be available to such parcels, and such parcels will receive the benefit of the projects provided in part with proceeds of Metropolitan's water standby charges. Upon completion of the annexation, the lands within the Yerba Valley Annexation will

be subject to Metropolitan's water standby charge in the current amount of \$11.51 per an acre, or per a parcel of less than one acre. Approval of Metropolitan's standby charge levied elsewhere within SDCWA's territory is a condition to complete this annexation;

WHEREAS, pursuant to the provisions of the California Environmental Quality Act (CEQA), Lakeside Water District, acting as the Lead Agency, prepared a Notice of Exemption (NOE) for the Yerba Valley Annexation Project, and approved the Project on January 11, 2019, to annex the existing public or private structures developed to the density allowed by the current zoning, and Metropolitan, as Responsible Agency under CEQA, independently determined that the proposed action is categorically exempt as annexation of existing facilities and lots for exempt facilities; and

WHEREAS it appears to this Board of Directors that such application should be granted, subject to the terms and conditions hereinafter set forth.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Metropolitan, acting as Responsible Agency, has reviewed and considered the information in the NOE prior to approval of the final terms and conditions for the Yerba Valley Annexation; and subject to the following terms and conditions, does hereby grant the application of the governing body of San Diego County Water Authority for consent to annex Yerba Valley Annexation, to Metropolitan and does hereby fix the terms and conditions of such annexation.

BE IT FURTHER RESOLVED that the Board of Directors of Metropolitan, subject to the following terms and conditions, does hereby grant the application of the governing body of SDCWA for consent to the Yerba Valley Annexation to Metropolitan and does hereby fix the terms and conditions of such annexation:

Section 1. Annexation of said area to SDCWA shall be made concurrently with annexation thereof to Metropolitan, and all necessary certificates, statements, maps, and other documents required to be filed by or on behalf of SDCWA to effectuate the Yerba Valley Annexation shall be filed on or before December 31, 2024.

Section 2. Prior to filing a request for a Certificate of Completion of the Yerba Valley Annexation proceedings with LAFCO, SDCWA shall submit a certified copy of LAFCO's resolution approving the Yerba Valley Annexation to SDCWA and shall pay to Metropolitan \$535,645.70 for its annexation fee, if annexation is completed by December 31, 2022. If the annexation is completed during the 2023 or subsequent calendar years, the annexation charge will be calculated based on the then-current rate, in accordance with Metropolitan's Administrative Code Section 3300.

Section 3. a. Metropolitan shall be under no obligation to provide, construct, operate, or maintain feeder pipelines, structures, connections, and other facilities required for the delivery of water to said area from works owned and operated by Metropolitan.

b. SDCWA shall not be entitled to demand that Metropolitan deliver water to SDCWA for use, directly or indirectly, within said area, except for domestic or municipal use therein.

c. The delivery of all water by Metropolitan, regardless of the nature and time of use of such water shall be subject to the water service regulations, including rates and charges promulgated from time to time by Metropolitan.

d. The delivery of all water by Metropolitan, regardless of the nature and time of use of such water shall be subject to the water service regulations, including rates and charges promulgated from time to time by Metropolitan.

Section 4. LAFCO has conditioned approval of the Yerba Valley Annexation upon a requirement that Metropolitan levy or fix and collect all previously established and collected taxes, benefit assessments, or property-related fees or charges on parcels being annexed to the agency.

Section 5. Such charges, which are subject to change over time, include but are not limited to:

a. Metropolitan's ad valorem tax on properties located within the territory of SDCWA in the amount of 0.0035 percent of the assessed value of each parcel. Metropolitan shall levy the ad valorem tax in the amount, at the same time, and in the same manner as the ad valorem tax on other properties located within the territory of SDCWA. Such charges for fiscal year 2022/23 are described in Resolution 9301, adopted by Metropolitan's Board on April 12, 2022.

b. Metropolitan's water standby charge on properties located within the territory of SDCWA in the amount, at the same time, and in the same manner as the ad valorem tax on other properties located within the territory of SDCWA. Such charges for fiscal year 2022/23 are described in Resolution 9307, adopted by Metropolitan's Board on May 10, 2022.

Section 6. That the General Manager is hereby authorized and directed to take all necessary action to secure the collection of the ad valorem taxes and water standby charges by the appropriate county officials, including payment of the reasonable cost of collection.

Section 7. That the Board of Directors of Metropolitan, acting as Responsible Agency, reviewed and considered the information in the NOE prior to approval of the final terms and conditions for the Yerba Valley Annexation; and subject to the following terms and conditions, does hereby grant the application of the governing body of SDCWA for consent to annex the Yerba Valley Annexation to Metropolitan and does hereby fix the terms and conditions of such annexation.

Section 8. That the General Manager and General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this resolution, including, without limitation, the commencement of defense of litigation.

Section 9. That if any provision of this resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect the other

provisions or applications of this resolution which can be given effect without the invalid portion or application, and to that end the provisions of this resolution are severable.

BE IT FURTHER RESOLVED that the Board Executive Secretary is directed to transmit forthwith to the governing body of SDCWA a certified copy of this resolution.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on December 13, 2022.

Secretary of the Board of Directors
of The Metropolitan Water District
of Southern California

Notice of Exemption**Appendix E**

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk
County of: San Diego

From: (Public Agency): Lakeside Water District
10375 Vine Street
Lakeside, CA 92040

(Address)

FILED

Ernest J. Dronenburg, Jr. Recorder County Clerk

JAN 11 2019
J. Samuela
DEPUTY

Project Title: Yerba Valley Annexation

BY

Project Applicant: Lakeside Water District

Project Location - Specific:

Muth Valley Road, Genesis Way, Yerba Valley Road

Project Location - City: Lakeside Project Location - County: San Diego

Description of Nature, Purpose and Beneficiaries of Project:
Administratively annex 20 parcels into the service areas of Lakeside Water District, the San Diego County Water Authority and the Metropolitan Water District of Southern California through annexation. The owners of the properties to be annexed will benefit by the ability to connect to a public water system.

Name of Public Agency Approving Project: Lakeside Water District

Name of Person or Agency Carrying Out Project: Lakeside Water District

Exempt Status: (check one):

- ☐ Ministerial (Sec. 21080(b)(1); 15268);
☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
☒ Categorical Exemption. State type and section number: 15319(a)
☐ Statutory Exemptions. State code number: _____

Reasons why project is exempt:

This annexation is not subject to the environmental impact evaluation process because the proposal area contains existing structures developed to the density allowed by current zoning or pre-zoning of either the gaining or losing governmental agency whichever is more restrictive, provided however, that the extension of utility services to the existing facilities would have a capacity to serve only the existing facilities.

Lead Agency
Contact Person: Brett Sanders Area Code/Telephone/Extension: 619-443-3805

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Signature: Brett Sanders Date: 1-11-19 Title: GENERAL MANAGER

☐ Signed by Lead Agency ☐ Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

FILED IN THE OFFICE OF THE COUNTY CLERK

San Diego County on JAN 11 2019

Posted JAN 11 2019 Removed 02/11/19

Returned to agency on 2/11/19

Deputy J. Samuela

Revised 2011



State of California - Department of Fish and Wildlife

2019 ENVIRONMENTAL FILING FEE CASH RECEIPT

DFW 753.5a (Rev. 11/16/19) Previously DFG 753.5a

RECEIPT NUMBER:

37-2019- 0025

STATE CLEARINGHOUSE NUMBER (if applicable)

--

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY

LAKESIDE WATER DISTRICT

LEAD AGENCY EMAIL

--

DATE

01/11/2019

COUNTY/STATE AGENCY OF FILING

San Diego County

DOCUMENT NUMBER

2019 - 0025

PROJECT TITLE

YERBA VALLEY ANNEXATION

PROJECT APPLICANT NAME

LAKESIDE WATER DISTRICT

PROJECT APPLICANT EMAIL

--

PHONE NUMBER

619-442-3805

PROJECT APPLICANT ADDRESS

10375 VINE STREET

CITY

LAKESIDE

STATE

CA

ZIP CODE

92040

PROJECT APPLICANT (Check appropriate box)

☐

Local Public Agency

☐

School District

☒

Other Special District

☐

State Agency

☐

Private Entity

CHECK APPLICABLE FEES:

☐

Environmental Impact Report (EIR)

\$3,271.00

\$

☐

Mitigated/Negative Declaration (MND)(ND)

\$2,354.75

\$

☐

Certified Regulatory Program document (CRP)

\$1,112.00

\$

☐

Exempt from fee

☒

Notice of Exemption (attach)

☐

CDFW No Effect Determination (attach)

☐

Fee previously paid (attach previously issued cash receipt copy)

☐

Water Right Application or Petition Fee (State Water Resources Control Board only)

\$850.00

\$

☒

County documentary handling fee

\$

\$50.00

☐

Other

\$

PAYMENT METHOD:

☒

Cash

☐

Credit

☐

Check

☐

Other

TOTAL RECEIVED

\$

\$50.00

SIGNATURE

X

AGENCY OF FILING PRINTED NAME AND TITLE

San Diego County

JSAMUELA

, Deputy





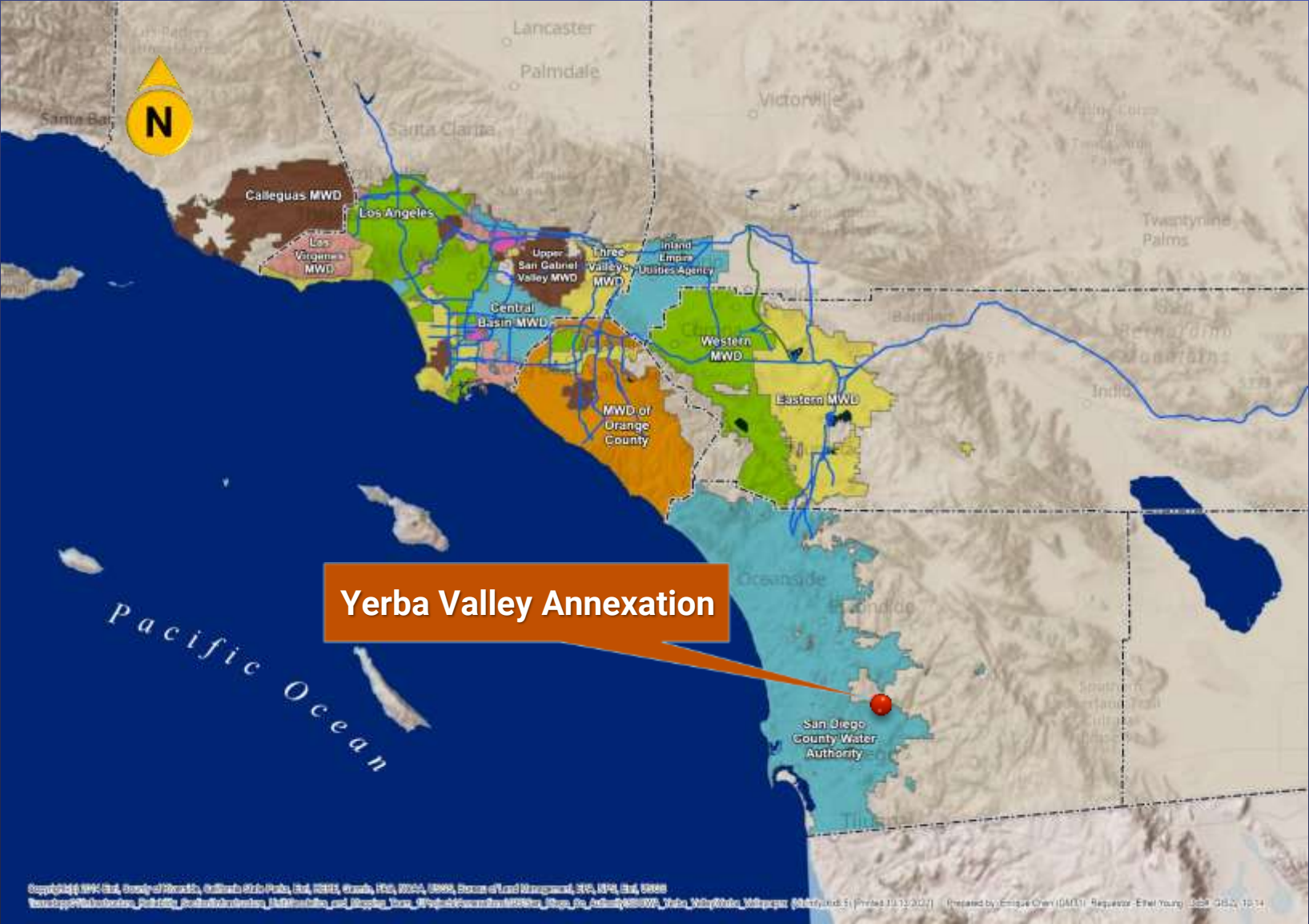
Real Property and Asset Management Committee

Adopt Resolution for Yerba Valley Annexation to SDCWA

Item 7-12

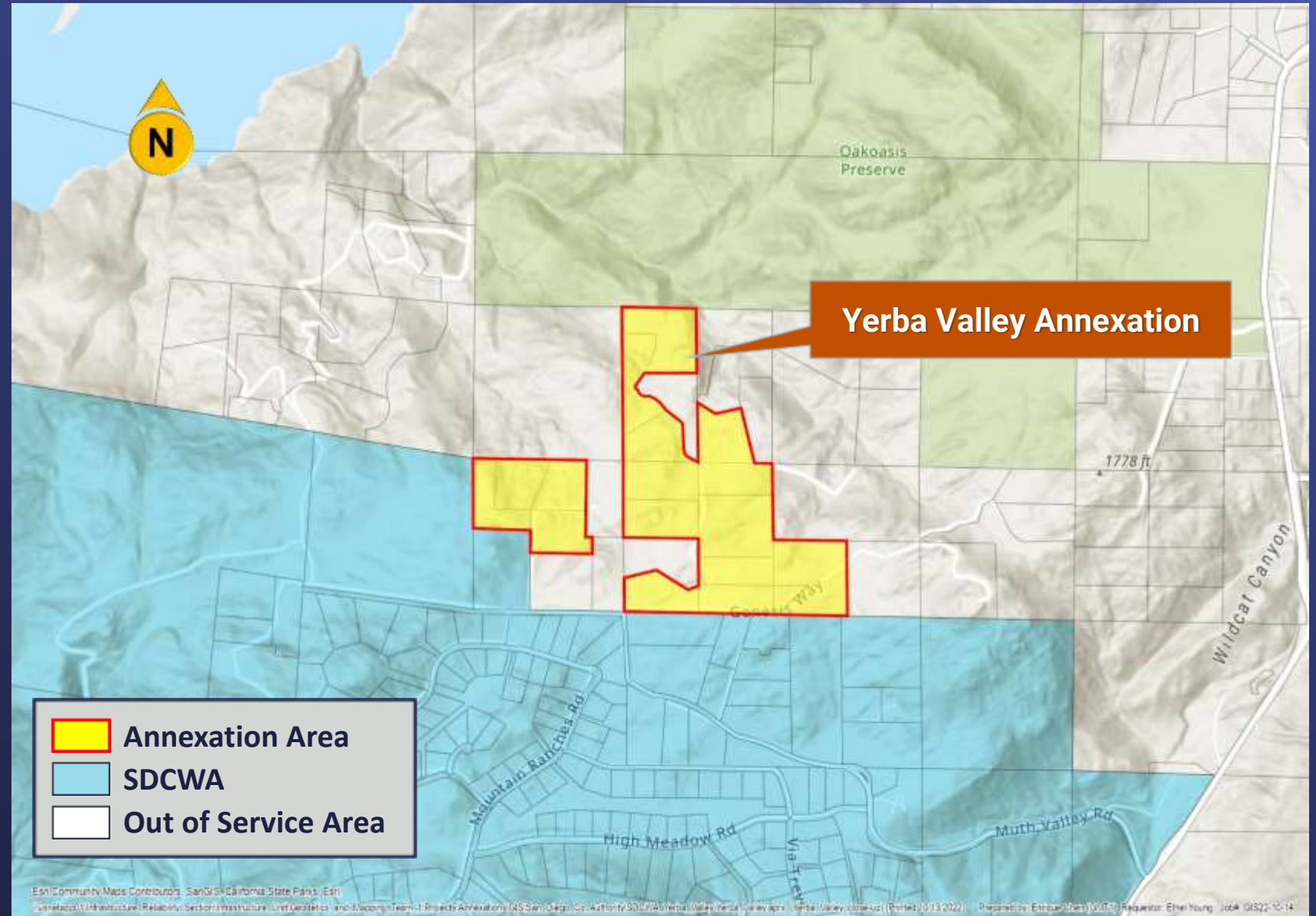
December 13, 2022

Service Area Map



Annexation Site Map

Total Area = 80.32 Acres
Public Road = 0 Acres
Net Area = 80.32 Acres



Key Provisions

- Annexation Area is 80.32 acres
- Total fees are \$ 535,645.70
- Water use estimate is 5-acre feet per year
- Annexation request is compliant with current policy and requirements

Board Options

Option I:

- Adopt resolution granting approval for Yerba Valley Annexation to San Diego County Water Authority and Metropolitan and establish Metropolitan's terms and conditions for the annexation (Attachment 3), conditioned upon approval by San Diego County's Local Agency Formation Commission, and upon receipt of the annexation fee of \$535,645.70.

Board Options

Option 2:

- Decline the request for the proposed Yerba Valley Annexation.

Board Options

Staff Recommendations

- Option 1





Real Property and Asset Management Committee

Update on Palo Verde Valley Lands and Regenerative Farming Study

Item 6a

December 13, 2022

2022 Report

Presenters:

C.A. Daley, Ph.D. & T. LaSalle, Ph.D.



California State University **Chico**
Center for Regenerative
Agriculture and
Resilient Systems

Current practices include excessive tillage passes

Increase

Soil Temperature 120°
CO₂ Respiration
Evaporation
Need for fertilizers

Decrease

Water holding capacity
Soil Fertility – loss of C, biology
Soil structure – erosion
Water percolation
Yield, profit
Nutrient decline

Degenerative farming



↓↓↓ CO^2 H^2O ↓↓↓

Competes with Nature ➔ Partners with Nature

Disturbs the Soil ➔ Protects the Soil

Reductionist ➔ Holistic

With a tremendous increase in agricultural pollution and soil degradation,

Regenerative farming

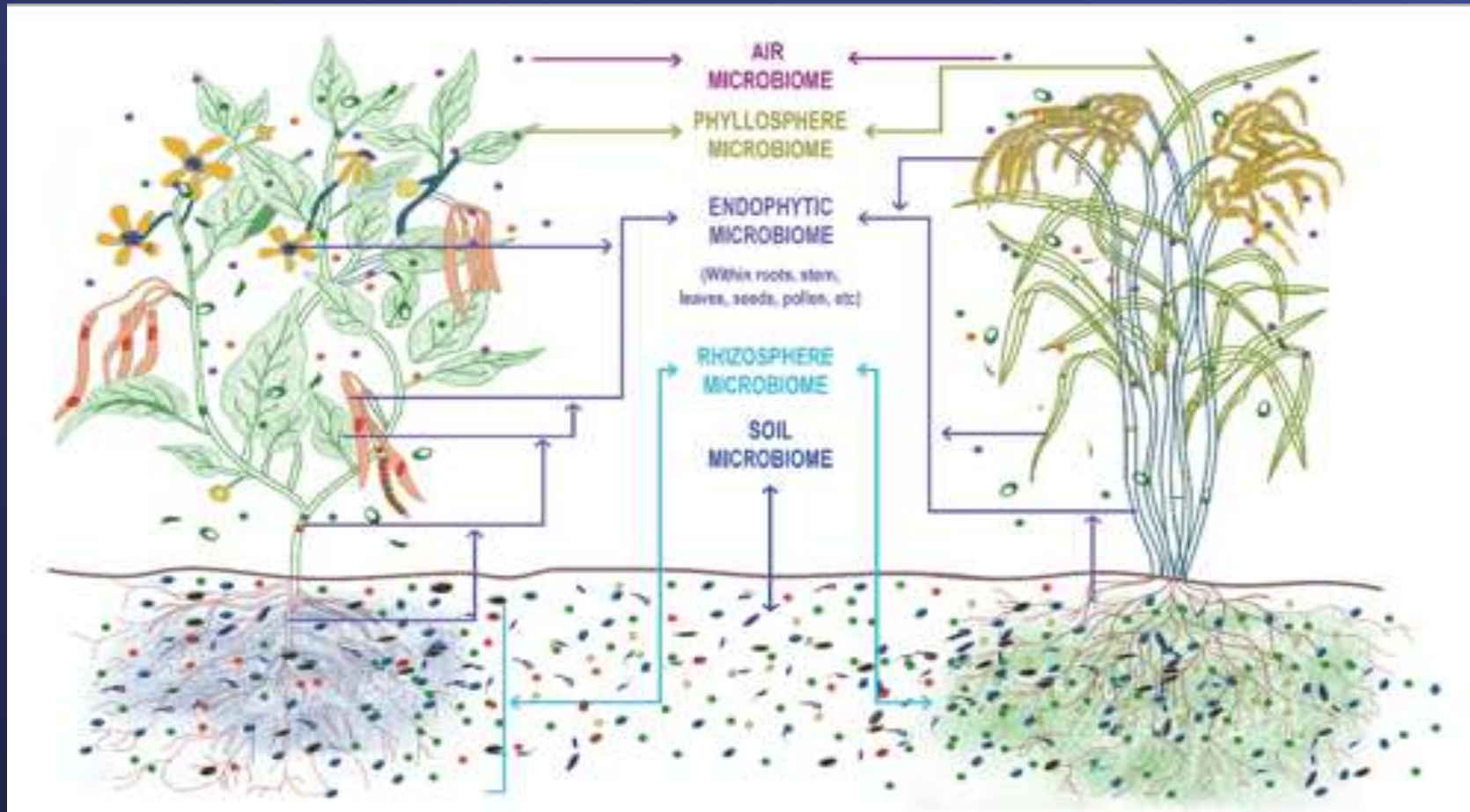


↑↑↑ CO^2 H^2O ↑↑↑

Regenerated farming remains the ultimate solution.

The difference between dirt and soil is that soil is alive

- Howard Buffett, *40 Chances*



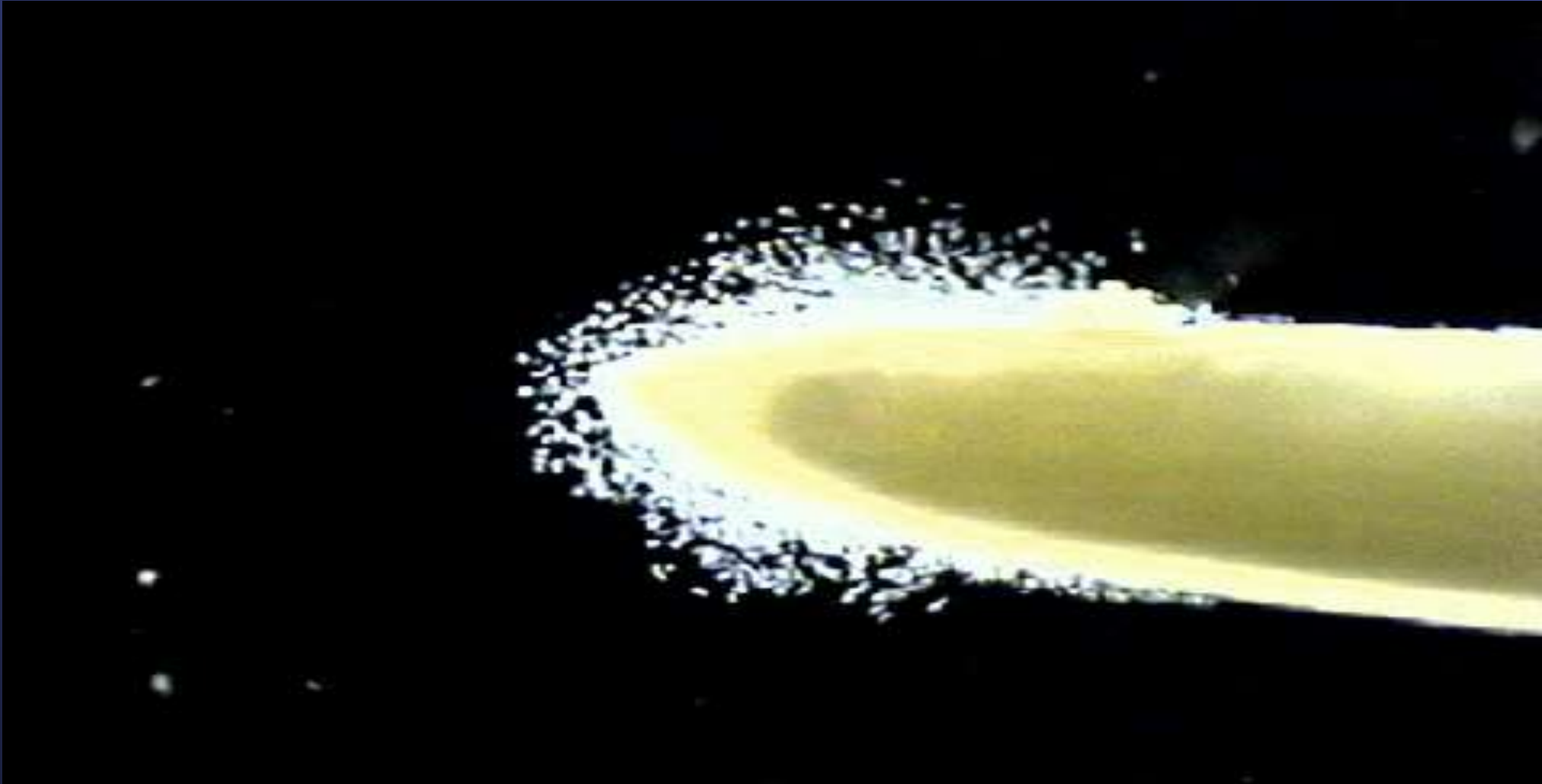
Root Rhizosphere

Highest concentration of microorganisms



Dreadlocks

Liquid Sun: Roots Leaking Exudates!

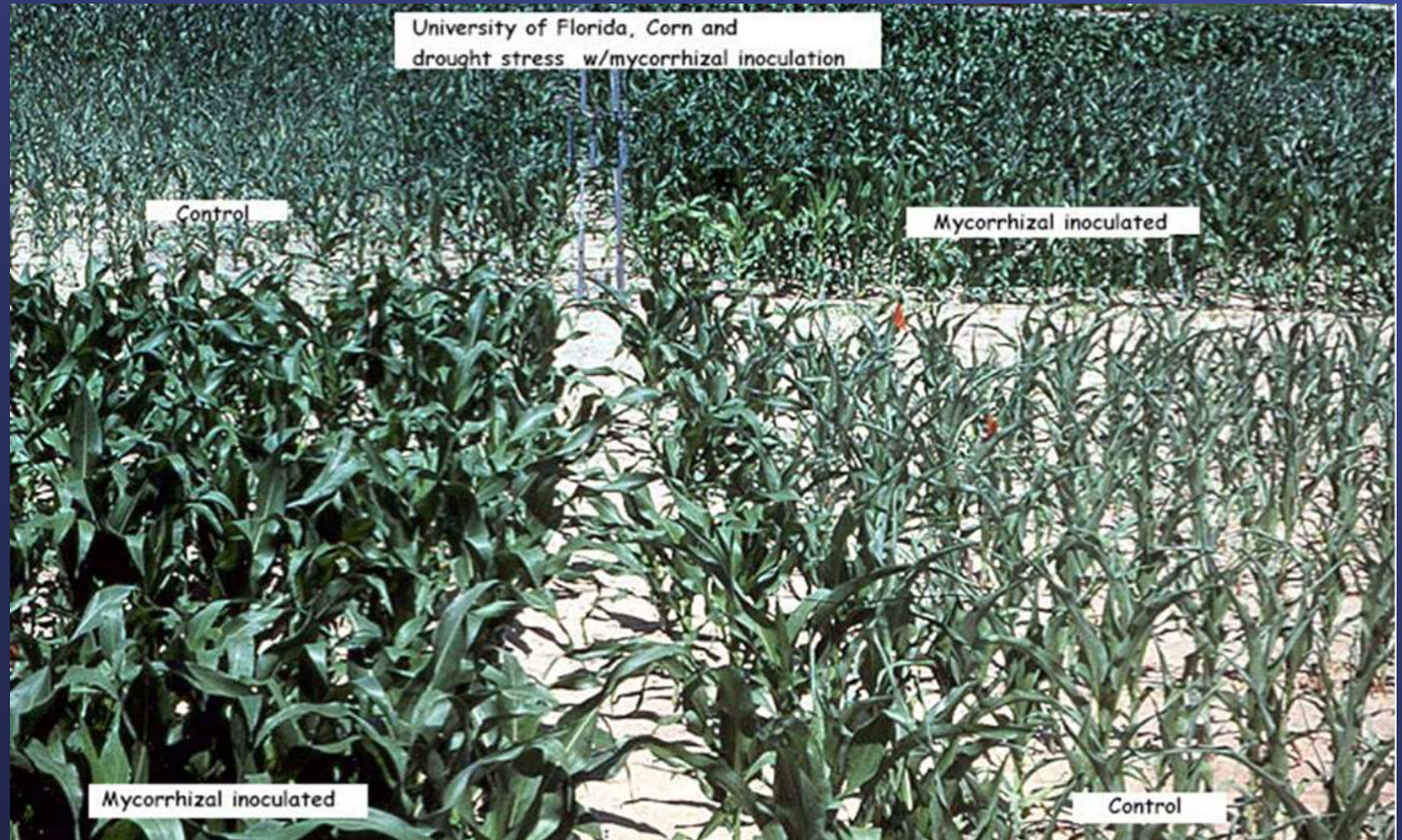


Fungal Network Supports Plant Vigor



Fungal network brings water to plant root:

Effect of mycorrhizal fungi on drought

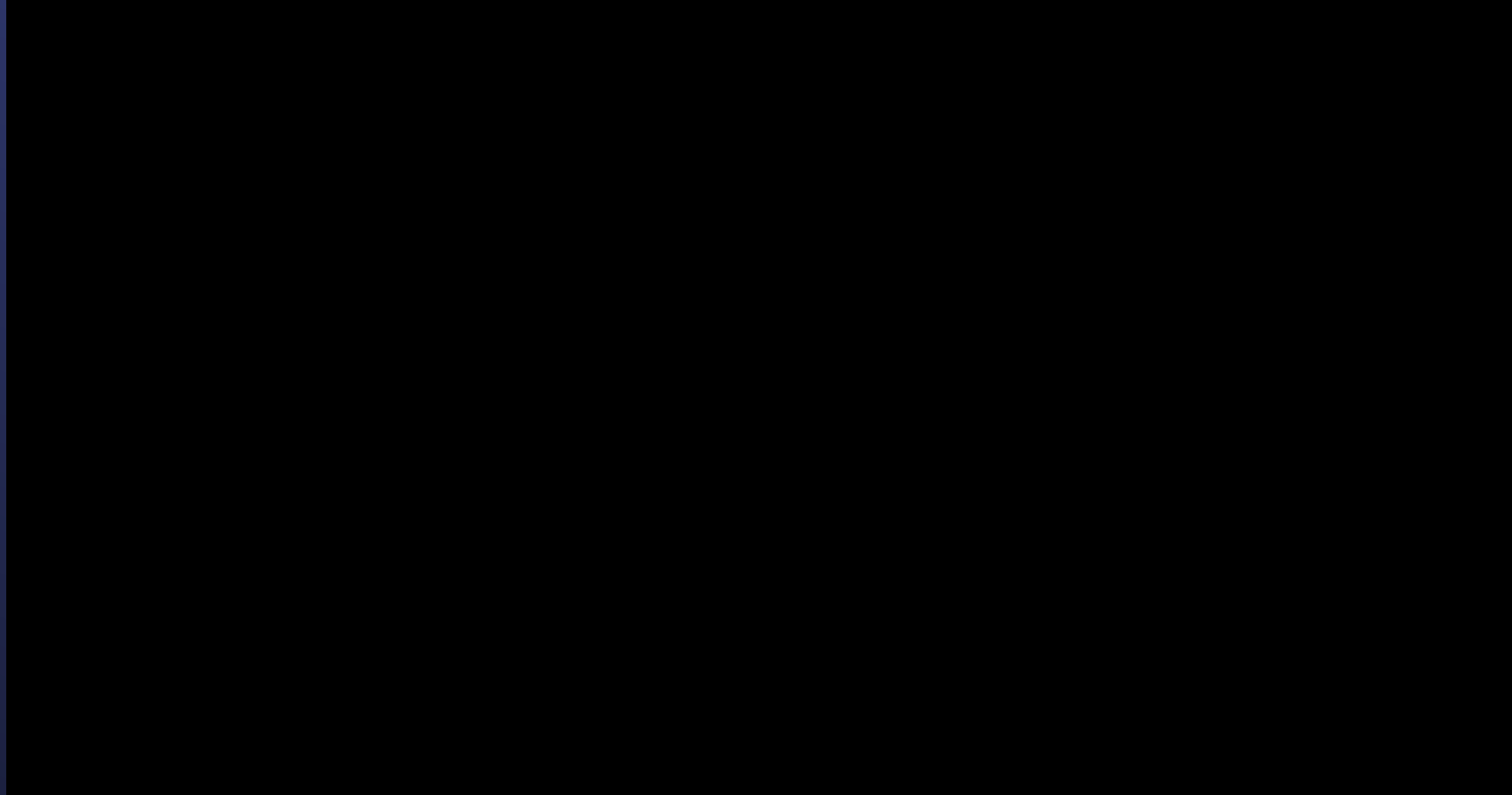


Multispecies provides the complexity of root architecture and exudates to feed a more diverse soil microbiome



Photo: Dr. Christine Jones, Ph.D., "Liquid Carbon Pathway"

Palo Verde Valley Lands and Regenerative Farming Study



Treatment 1

- Multispecies Cover Crop
- Minimum Disturbance
- Minimal Irrigation

Treatment 2

- Full Tillage
- 6 Equipment Passes Per Year for Weed Control
- No Irrigation

Goal: Contrast management systems on soil health, soil carbon, water use efficiency and economic return on subsequent cash crop.

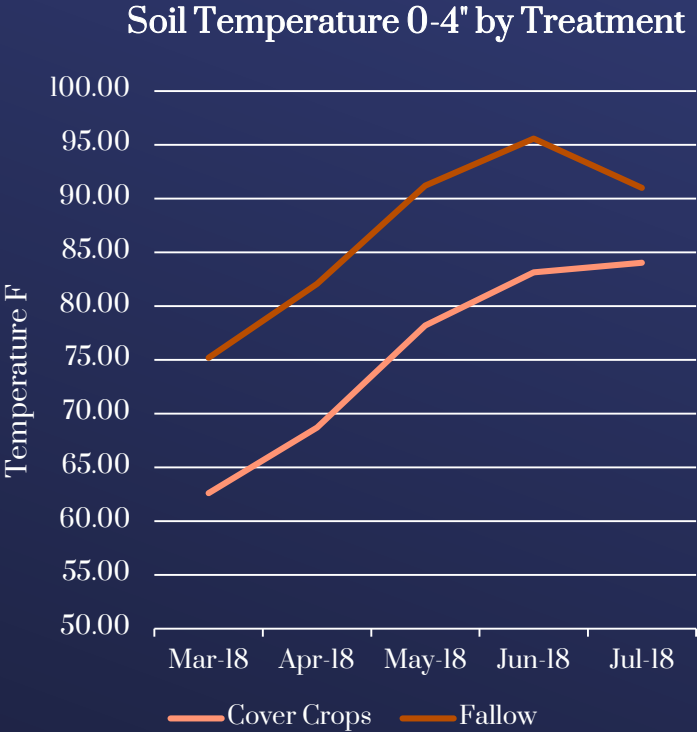


Project Overview

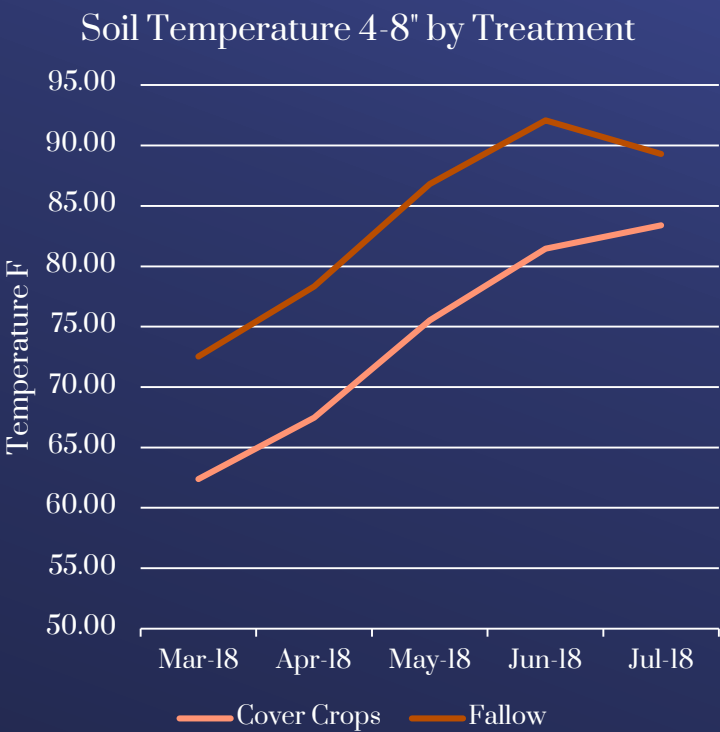
Data Capture

- Soil Carbon
- Soil Biological Community
- Fungal: Bacterial Ratio
- Nutrient Flow
- Evapotranspiration
- Water Infiltration
- Water Holding Capacity
- Modified Water Use Efficiency
- Soil Temperature
- Soil Moisture
- Weed Pressure (subsequent cash crop)
- Economic Return (subsequent rotation into cash crop)

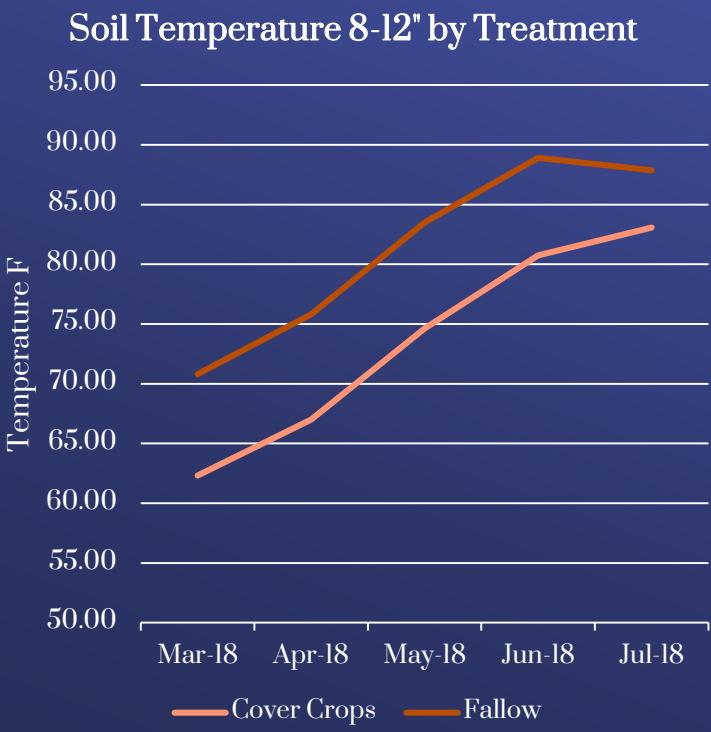
Significant difference in soil temperature down to 12"



12.5 °F difference



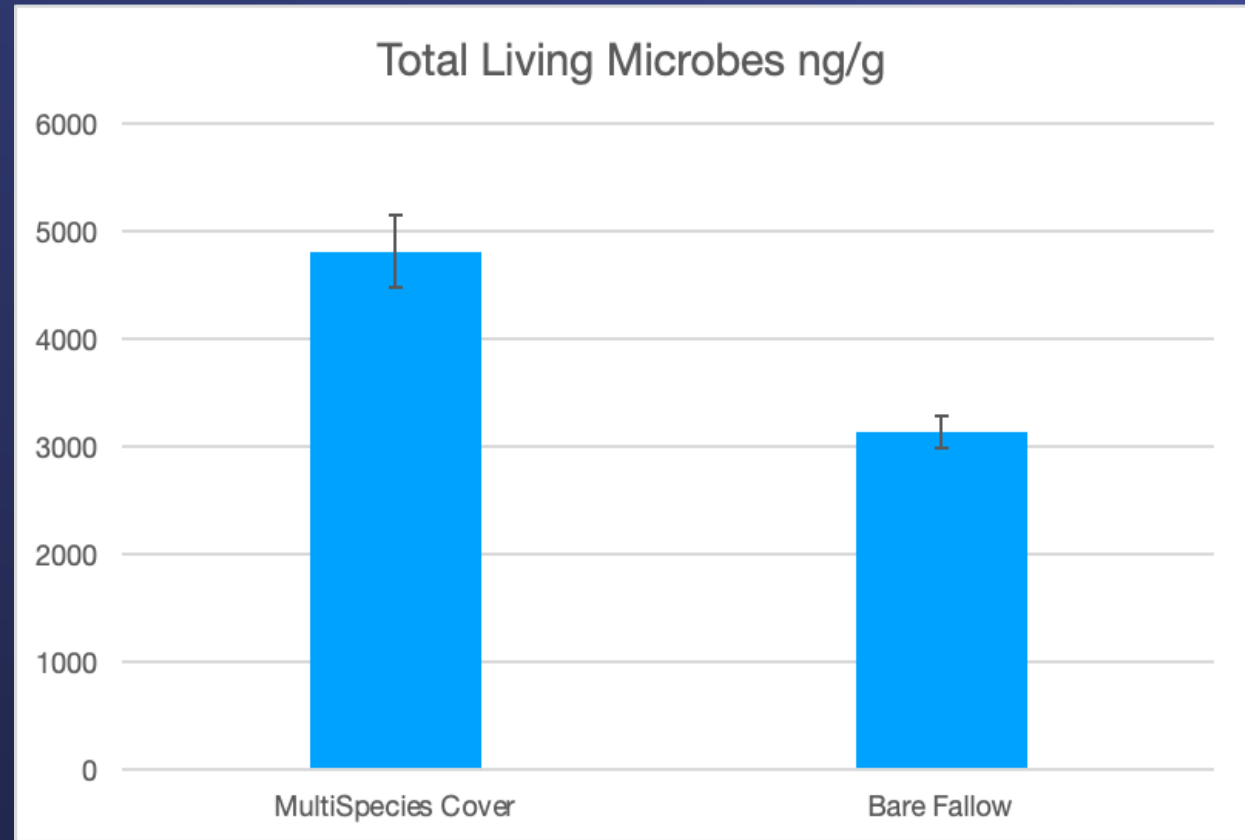
10.5 °F difference



8.5 °F difference

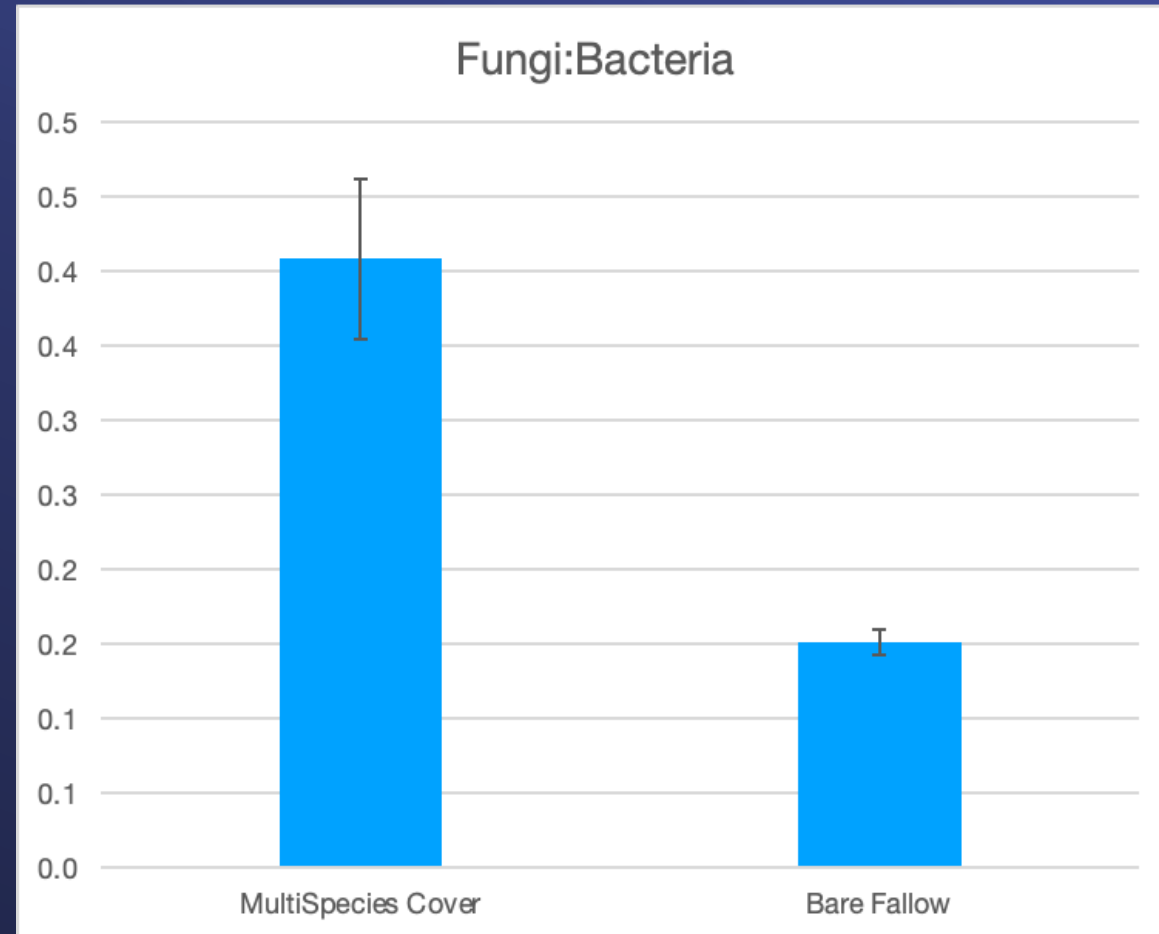
Multispecies cover crops promote more diverse bacterial and fungal communities compared to fallowing

Total Living Microbes Year 1 Palo Verde Trial

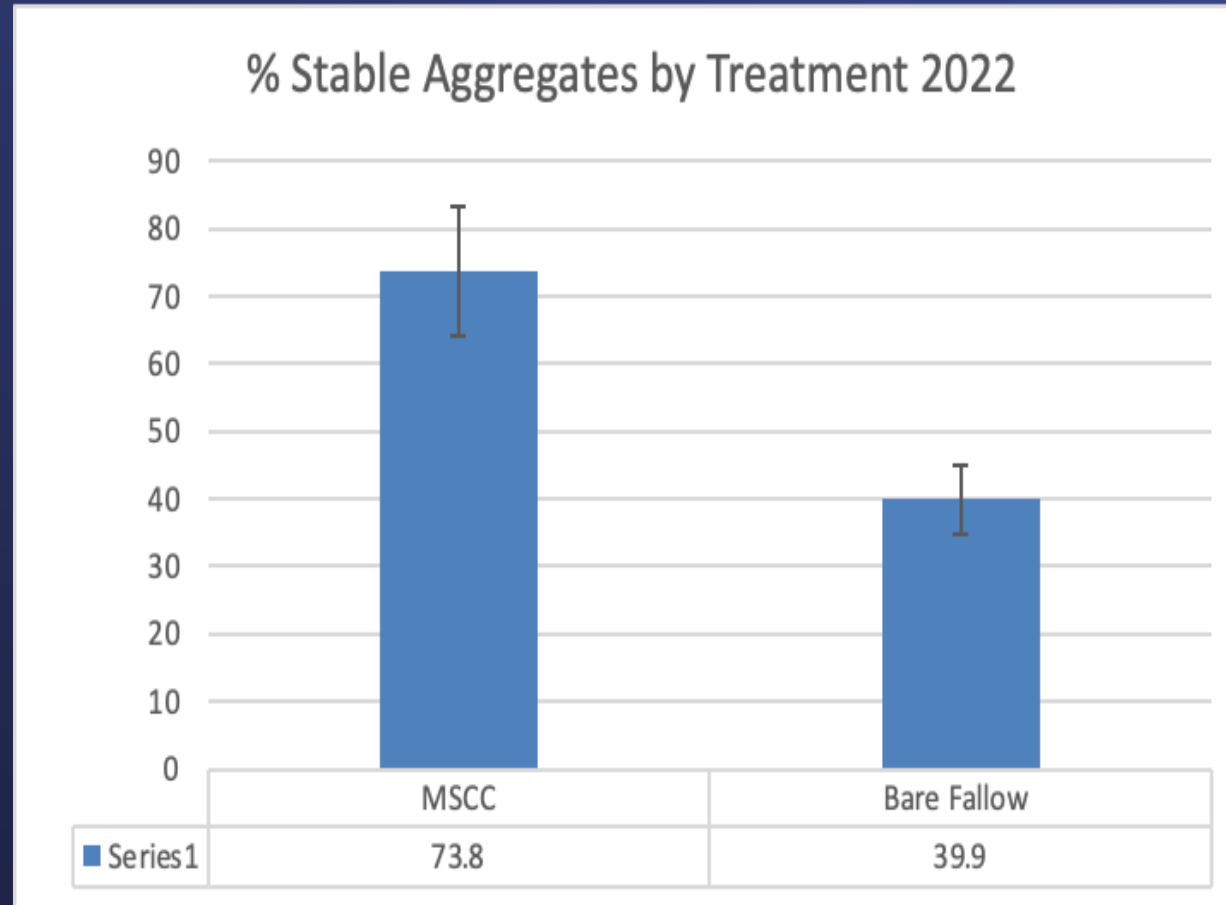


PLFA: Fungal to Bacteria Ratio Year 1 PV Trial

This sets the stage for soil aggregation and soil carbon accrual:



Stronger more stable soil aggregates with Regenerative practices



Change in Soil Carbon: Year 2 Palo Verde Trial

TREATMENT	% N	% C	C:N
BARE FALLOW	0.13 (+/-0.001)	3.62 (0.02)	27.7 (+/- 0.73)
MULTI-SPECIES	0.15 (+/-0.001)	4.07 (0.18)	27.6 (+/- 1.05)

This rain event equaled to 0.15 “ of rain.

Effective
Rainfall
*“how much
water
infiltrates
per minute”*

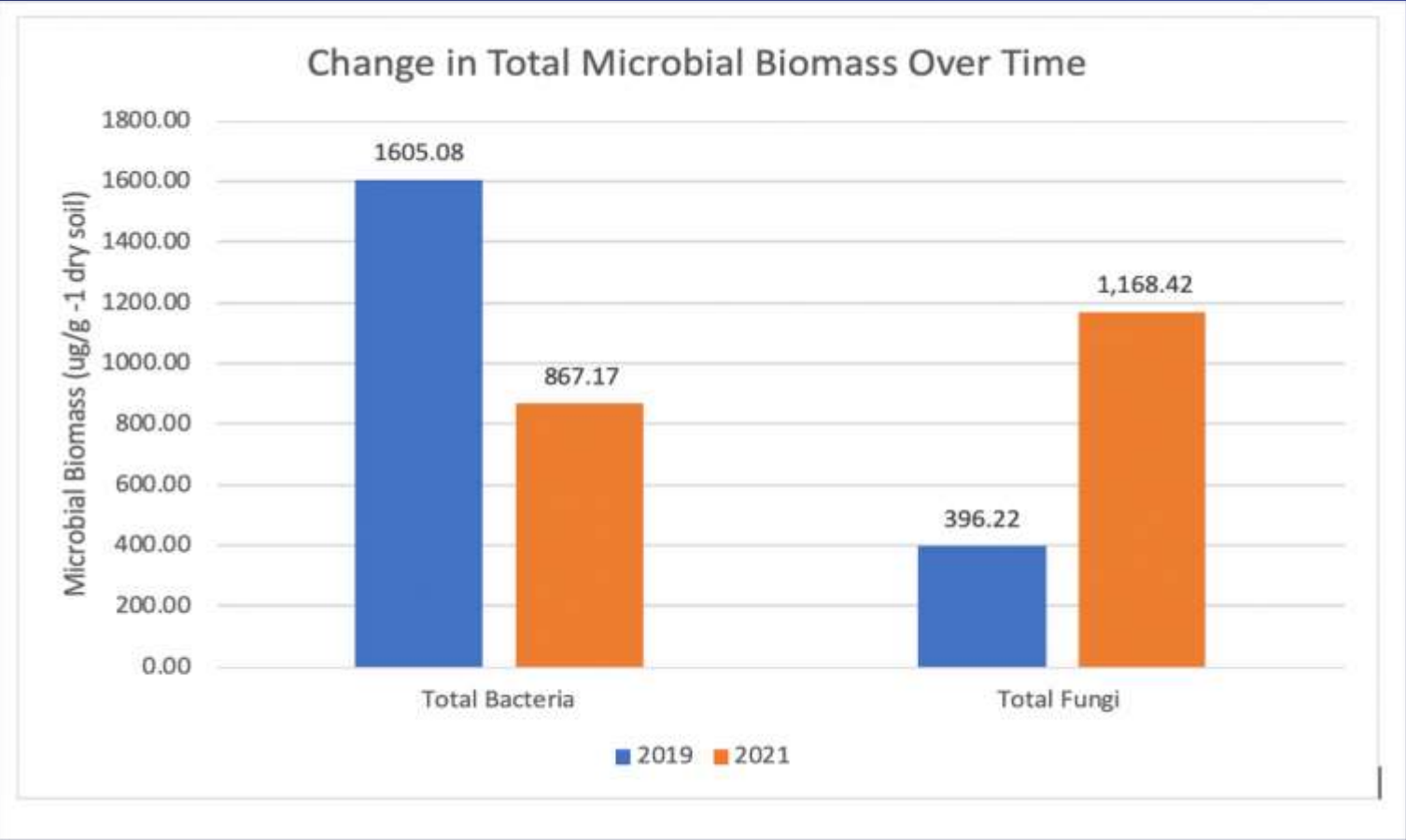




<https://www.no-tillfarmer.com/articles/11243-soil-function-key-to-regenerative-no-till?v=preview>

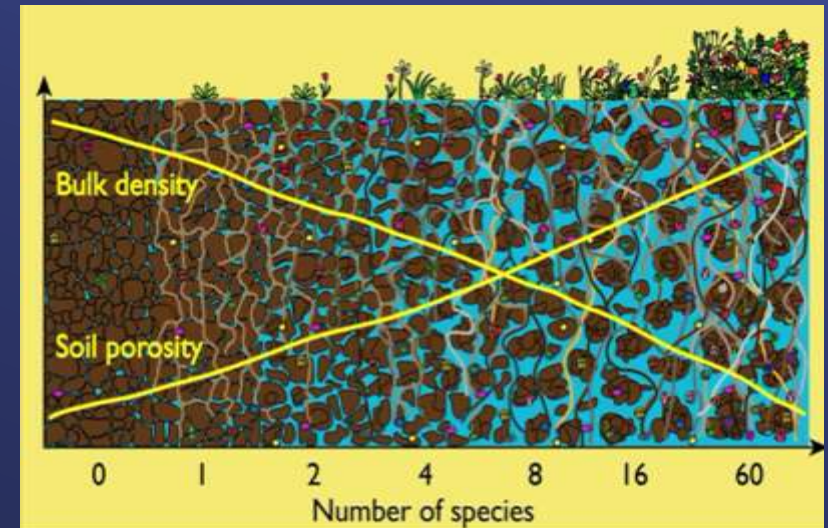
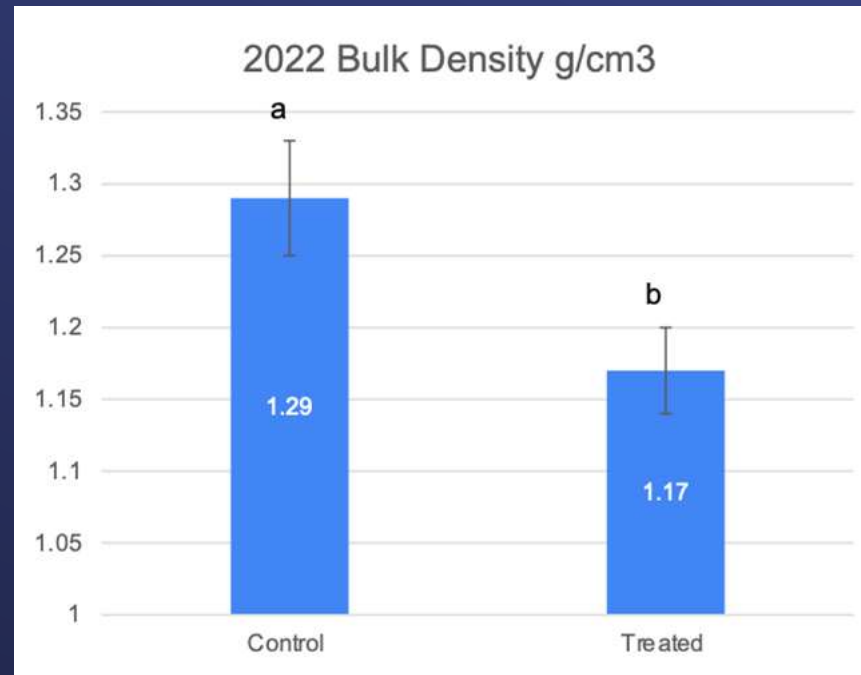
High Desert, Irrigated Corn/Bean Rotation:

Sister study
in Wilcox, AZ
corroborates
changes seen
in Palo Verde
Valley



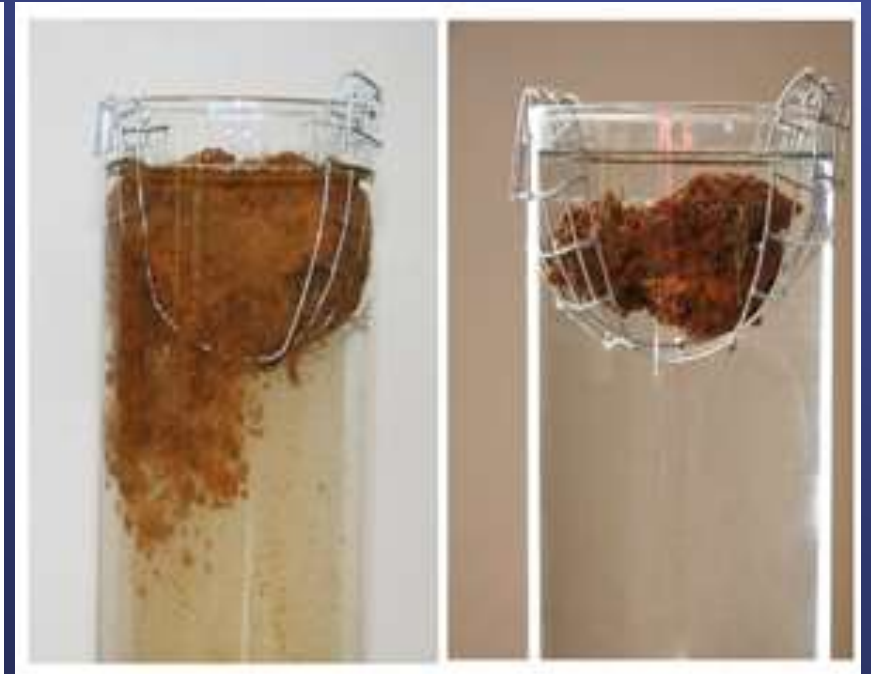
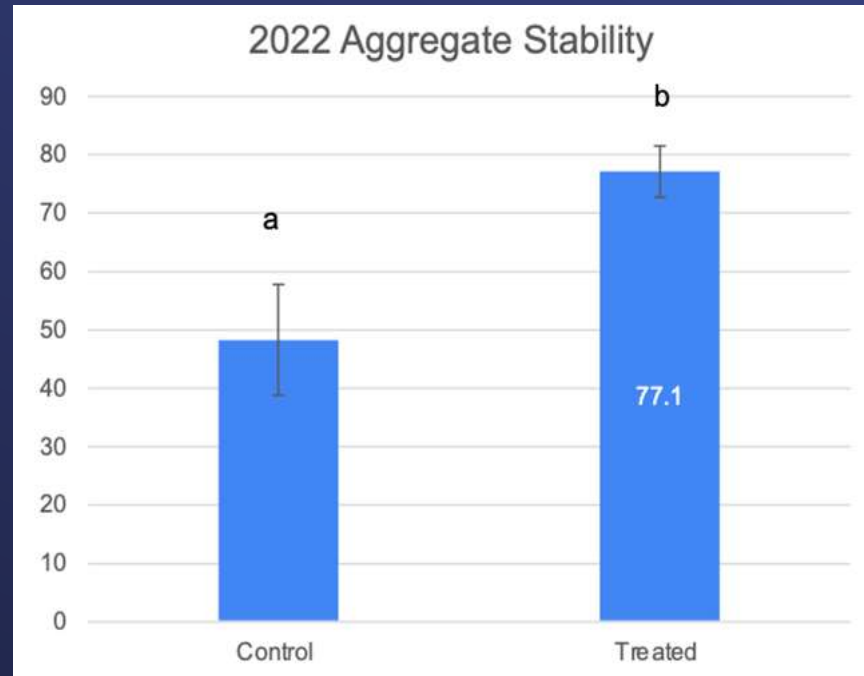
Changes in Soil Tilth

As soil become more “porous” they get lighter



Changes in Soil Tilth

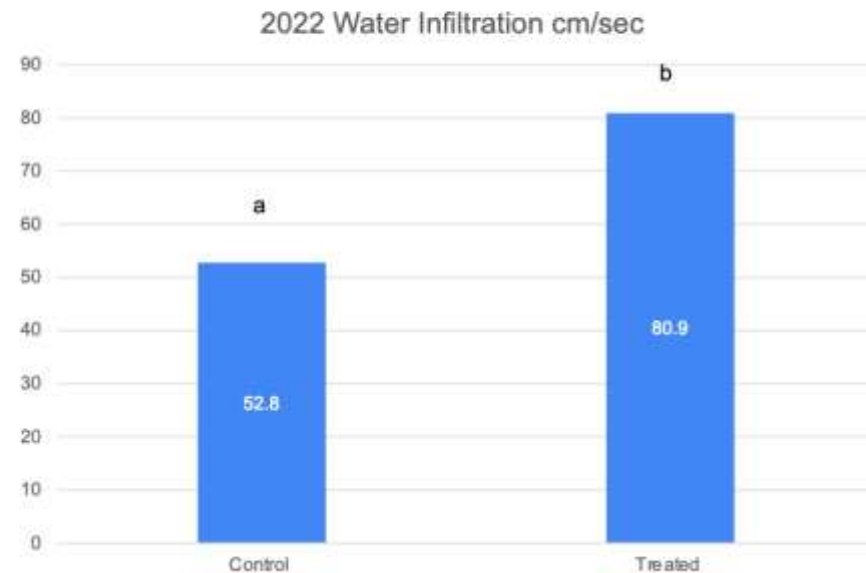
As soils heal, they become more stable (less erosion).



As soils become more porous, they infiltrate and hold more water (improves water use efficiency)

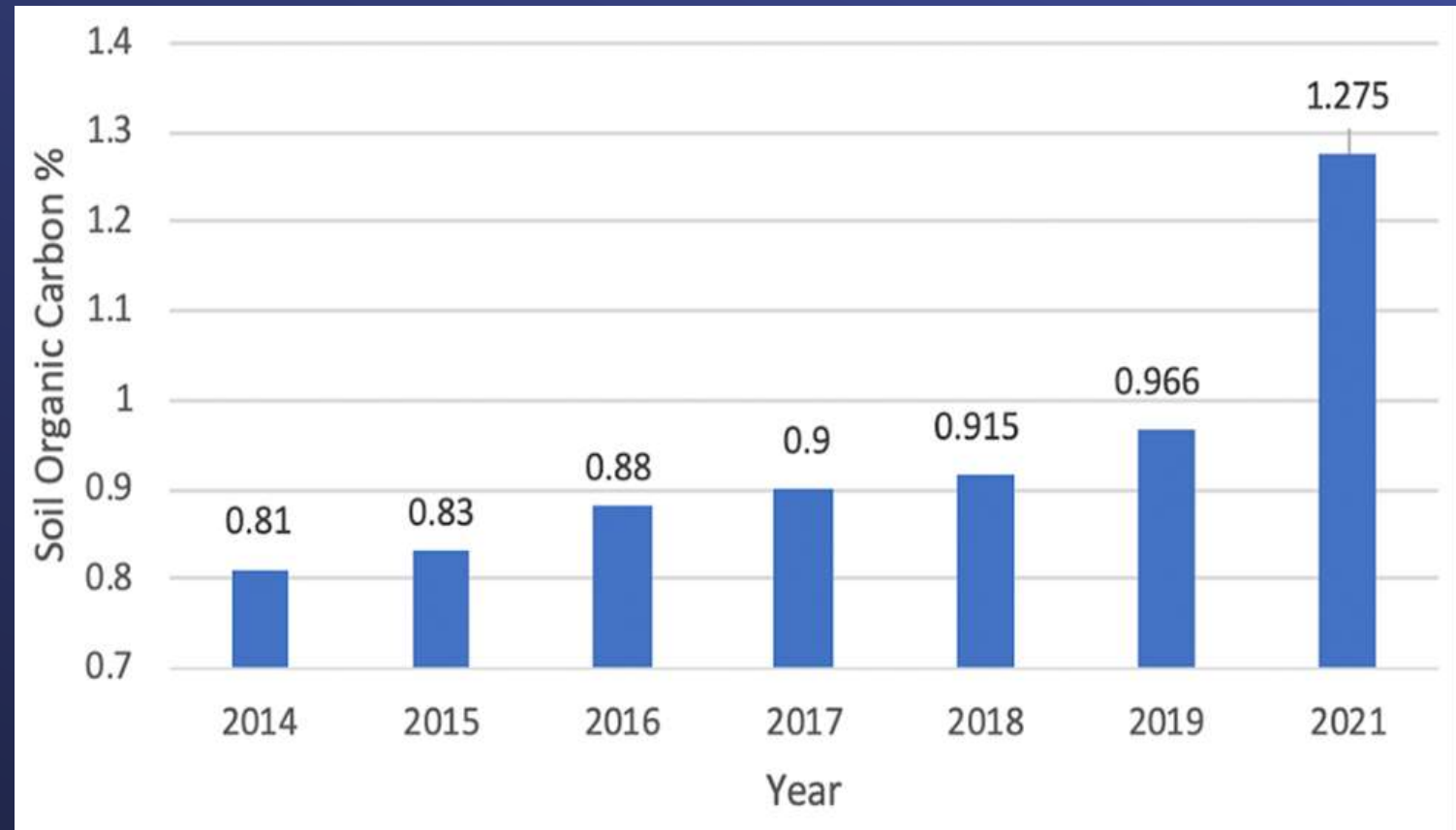
Changes in Soil Tilth

Changes in soil tilth – Result in higher WIR

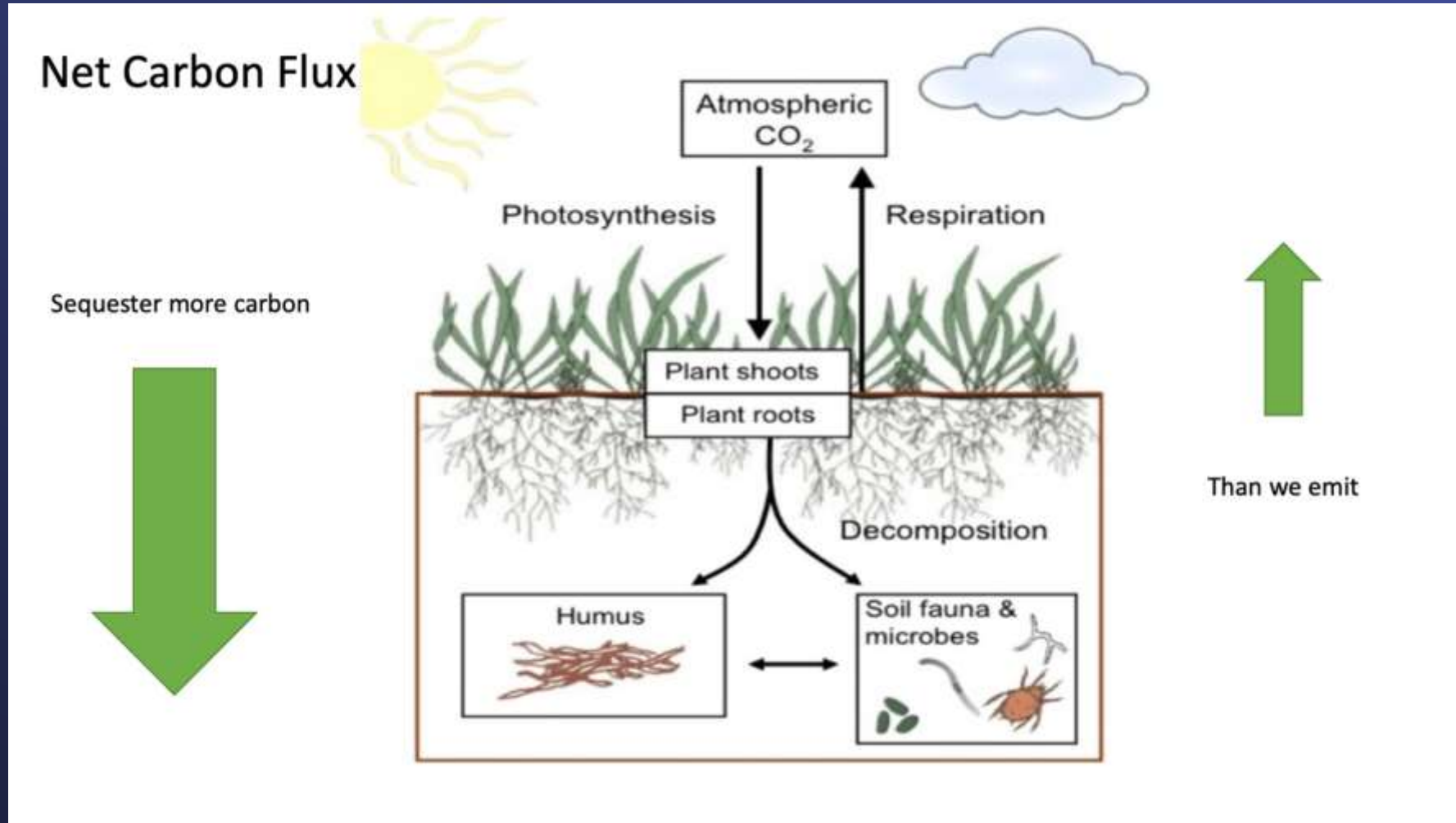


Stacking Regenerative practices accumulates more soil carbon

Change in
% Soil
Organic
Carbon
(2 years)

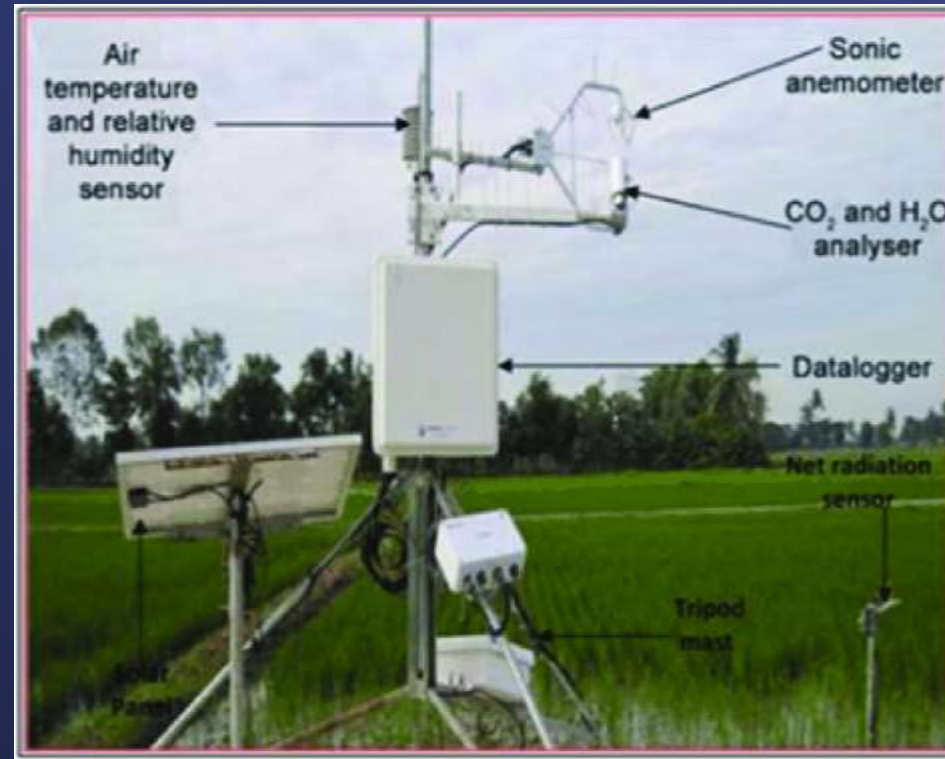


More carbon is pumped into the soil than is respired into the atmosphere

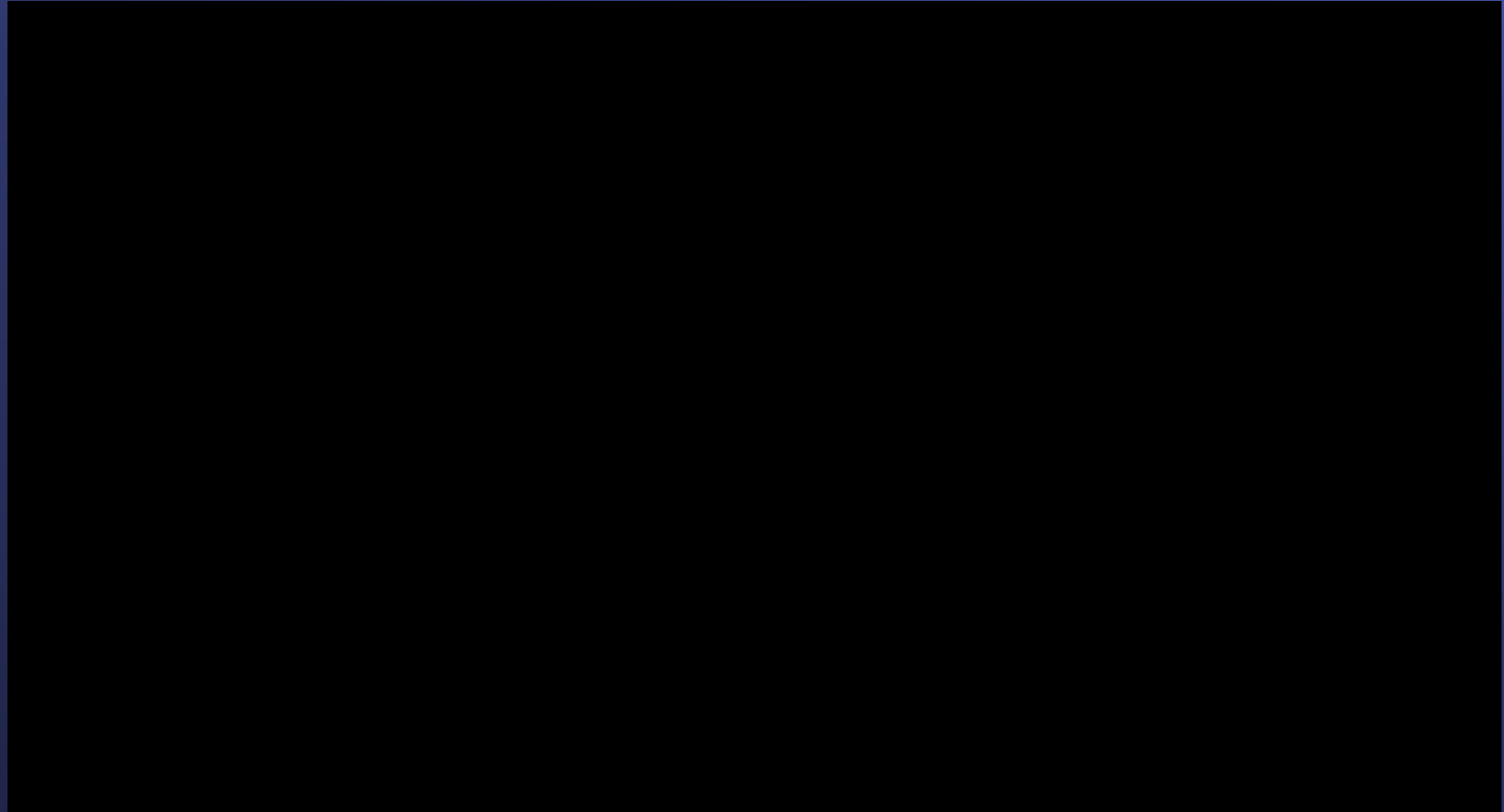


Use Flux Tower Technology to establish soil carbon accrual in “real time”

Chico 2: Soil Carbon Accrual Project



Chico 2: Soil Carbon Accrual Project



Summary

If water use efficiency is the primary goal, soil health needs to be the focus:

- Soil is a living breathing organism
- Management matters
- Regenerative management shifts the soil microbiome to fungal dominance
- Fungal dominate soils sequester carbon - builds stable aggregates
- As carbon accumulates, we see improvements in water holding capacity, water infiltration, and water use efficiency

Implications

Every 1% Increase in SOM =
25,000 gallons/acre increase in water holding capacity
= 36 Tons of CO₂ drawdown per acre









Real Property Asset Management

Desert Housing Update

Item 6b

December 13, 2022

Desert Housing Update

Maintenance Activities

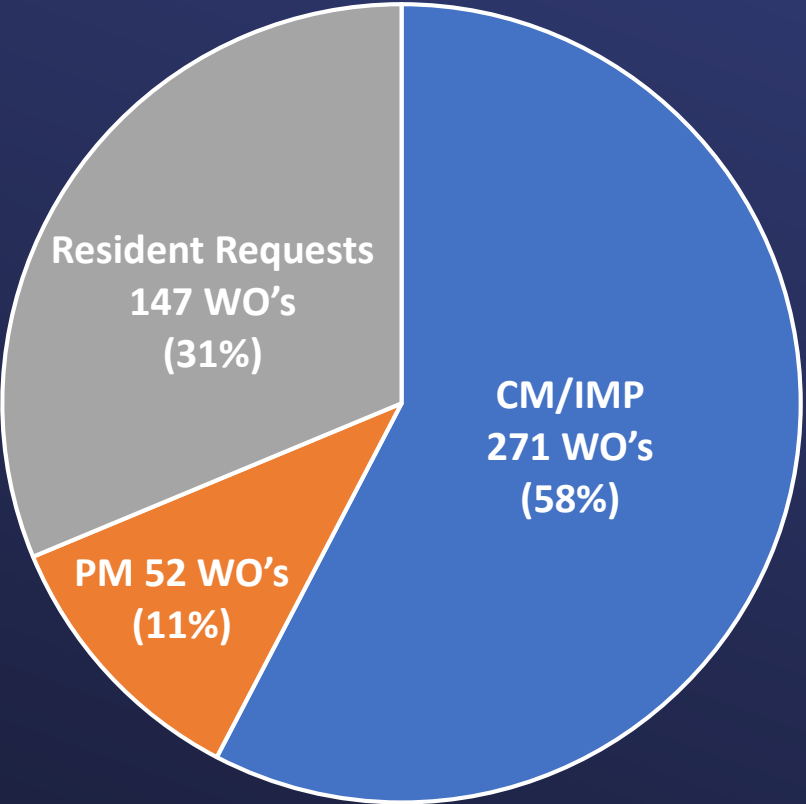
- Pre-occupancy/ Corrective maintenance
- Tenant requests
- Preventative maintenance

Desert Housing Oversight Committee

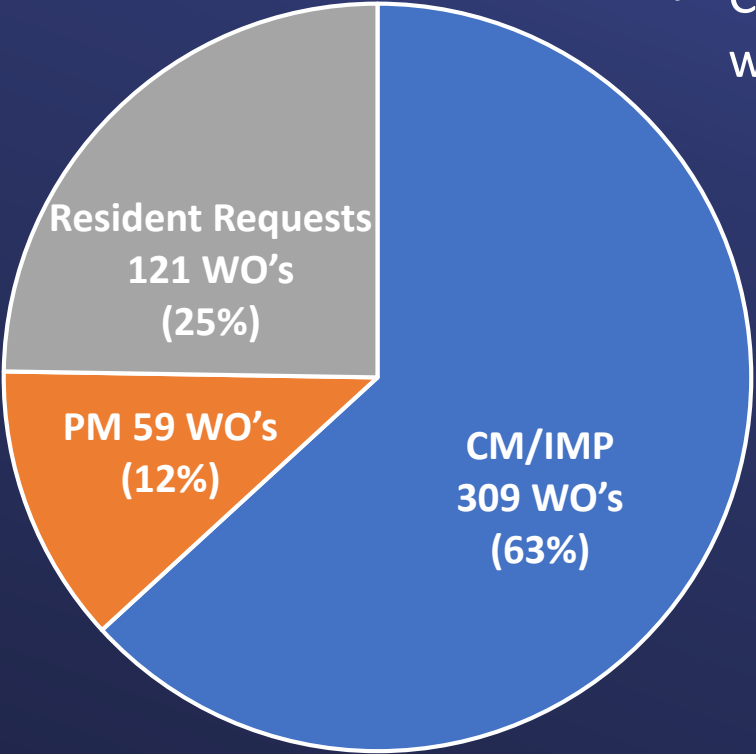
- Provide oversight and leadership
- Prioritize health and safety concerns
- Desert Housing & Recreation Interim Plan

Maintenance Work Orders Completed by Work Type

2021
470 Workorders



2022
489 Workorders*



- 2022 Total Labor Hours: 3675
*Through September 2022
- Current Backlog: 191 workorders
 - 24 Resident Requests
 - 10 PM
 - 157 CM/IMP

Corrective Maintenance & Improvements

Desert
Housing
Update

Data through
October 2022



New Floor



Remodeled Bathroom



Remodeled Kitchen

309 Corrective Maintenance & Improvements completed

Backlog : 157 CM/IMP

Resident Requests

121 Resident Requests
completed

Backlog: 24 RR

Desert
Housing
Update

Data through
October 2022



New walkway removing hazard



A/C Repair



Light Fixture Replaced

Preventive Maintenance

Desert Housing Update

Data through
October 2022

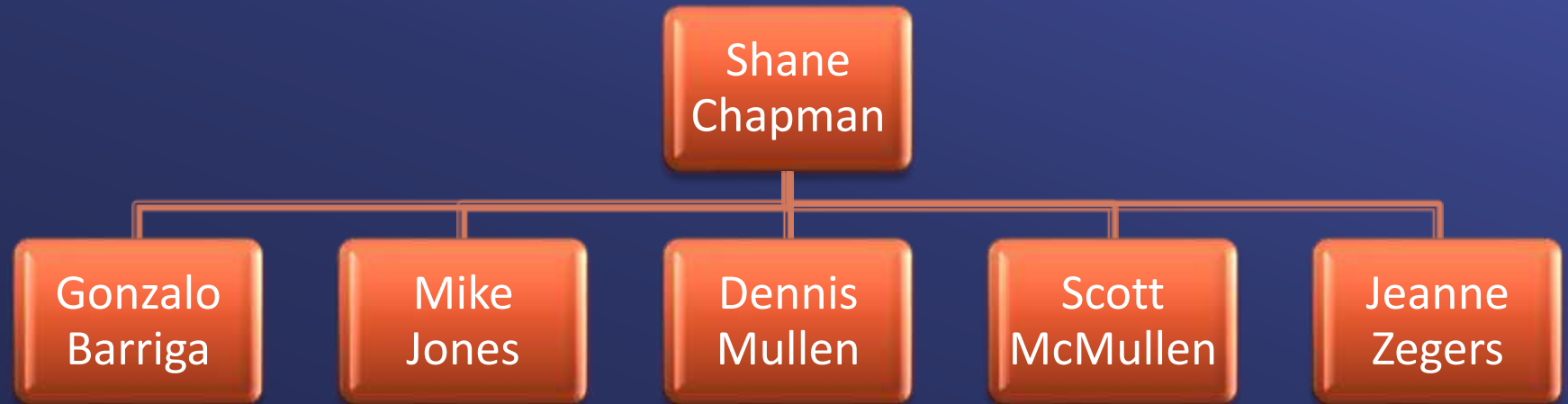
59 Preventive
Maintenance
Work Orders
completed

Backlog: 10 PM



Desert Housing Oversight Committee

Desert Housing & Recreation Interim Action Plan Update



Desert Housing & Recreation Interim Action Plan Update

Interim Action Plan: Housing Projects

COMPLETED	In Process	Scheduled
✓ Village Clean Up	Install Carports	Housing Demolition
✓ Electrical panel replacement	Stock Basic Home Essentials	Repair Village Paving
✓ Freezer Purchase	Install Secure Drop Box	Insulate Garages and Install A/C
	Install Backyard Fencing	
	Install Backyard Shade Structures	

Desert Housing & Recreation Interim Action Plan Update

Interim Action Plan: Recreation Projects

COMPLETED	In Process	Scheduled
✓ Purchase Patio Furniture & Umbrellas	Resurface Multi-Purpose Court	Wash/Resurface Pools at Gene and Iron
✓ Pool Maintenance Backup		Install Play Area Shade
✓ Safety Inspection of Play Areas		Install Pool Heaters
		Iron Mountain Gym Remodel





Real Property and Asset Management Committee

Delta Island Initiatives Assessment

Item 6c
December 13, 2022



Agenda

- Focus
 - Analyze existing initiatives & future opportunities
 - Gather Board input
- Overview
 - Opportunities have evolved since purchase
 - Implementing Bay-Delta Board policies
 - Added value in many areas
 - Pursuing collaborative input & partnerships

Delta Islands

- 2016 purchase
- 31 sq. mi.; 20,400 acres
- 111 structures
- 2021 Chipps Island sold





Overview of Analysis

Island Opportunities



- Conveyance
- Environmental
- Science research
- Carbon sequestration
- Ag & ecosystem education
- Tribal & community activities

Collaborative Input & Analysis



- Board policies & input
- Benefit/costs/risks
- Expert feedback (universities, etc.)
- Community/NGO/tribal feedback
- Other

Board Discussion, Input & Direction



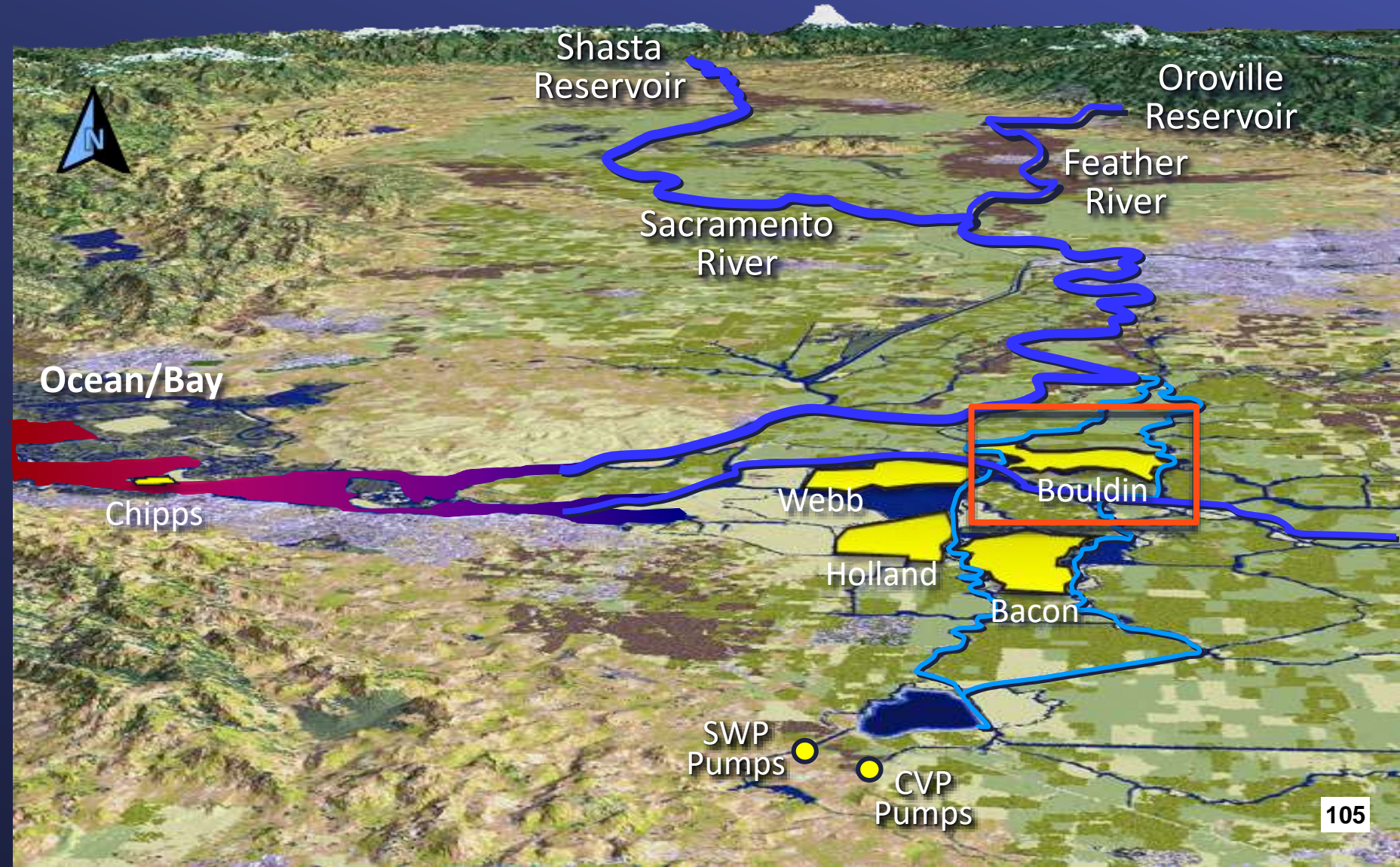


Collaborative Partners & Technical Advisors

- Collaborative Partners
 - California Audubon Society
 - Point Blue Conservation Science
 - The Nature Conservancy
 - California Waterfowl Association
 - Ducks Unlimited
 - Miwok Nation, Don Hankins
 - Delta Conservancy
 - California Dept. Fish & Wildlife
 - Department of Water Resources
 - Delta Stewardship Council
 - Delta Protection Commission
 - San Francisco Estuary Institute
 - East Bay Parks
- Technical Advisors
 - UC Merced
 - CSU Chico State
 - UC Davis
 - SF Estuary Institute
 - Natural Resources Grp
 - GEI
 - MBK Engineers
 - Hydrofocus

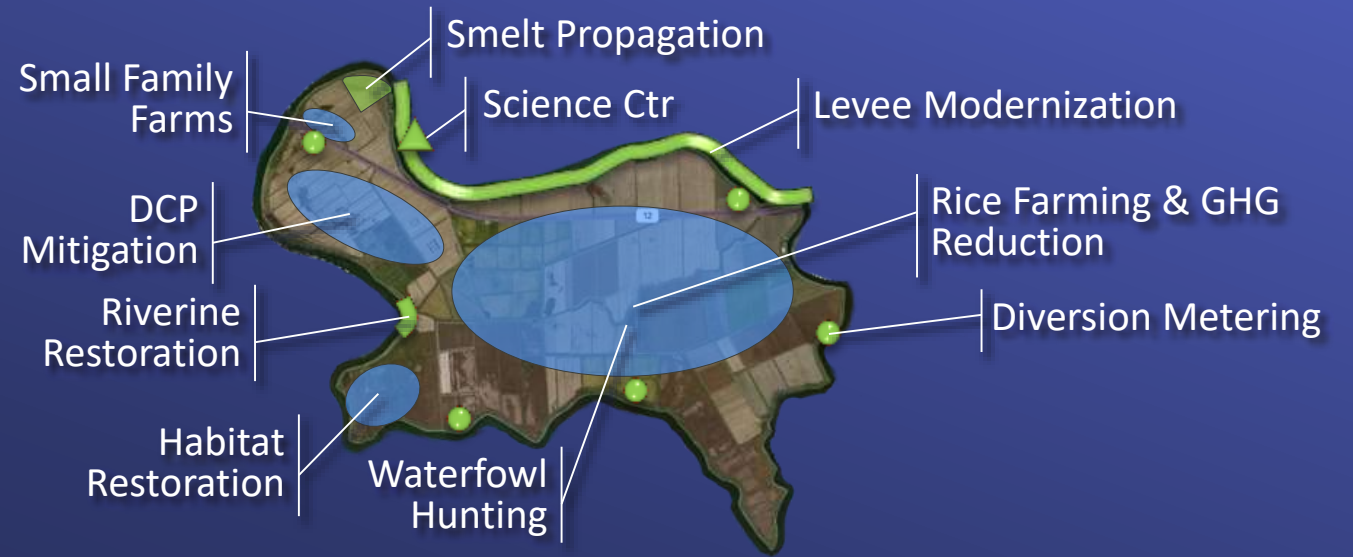


Opportunities Analysis



Opportunities Analysis Bouldin Island

- Ongoing Projects
- In Development
- Further Input & Analysis Needed



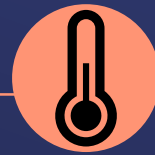
WATER SUPPLY

- Levee modernization & improvement
- Water diversion metering
- Delta Conveyance Project mitigation (\$)



ECOSYSTEM

- Native fish natural propagation
- Riverine & habitat restoration (\$)
- Floating wetlands
- Environmental mitigation bank (\$)
- Voluntary Agreement Opportunities (\$)



CLIMATE

- Carbon sequestration GHG Reduction (\$)
- Rice farming (\$)
- Renewable energy
- Carbon capture & underground storage (\$)



SCIENCE

- Aquatic research
- Science center
- Regenerative agriculture (\$)



COMMUNITY

- Waterfowl hunting (\$)
- Small family farms
- Tribal activities
- Bird watching & nature trails



Opportunities Analysis

Rice Farming

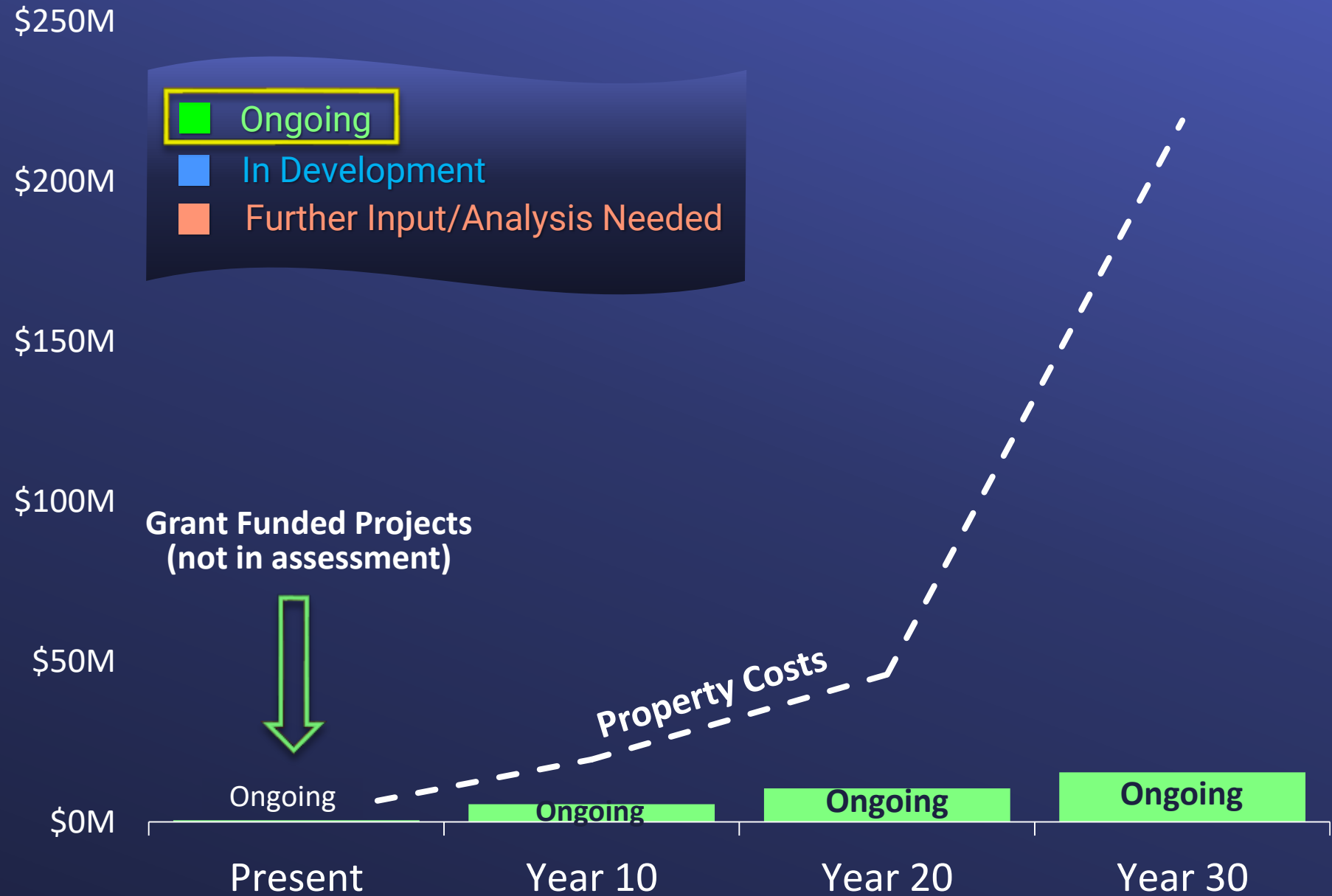
- Is it consistent with MWD Bay-Delta Board policies?
 - Yes, limits land subsidence, advances eco-restoration, reduces greenhouse gas emissions
- What is the input from technical advisors?
 - Market demand increasing for Delta rice due to loss of rice acreage in Northern California
 - Interested parties; entry to market as early as 2023-24
- What is the input from stakeholders & community?
 - Rice supports sustainable agriculture, enhances habitat along the Pacific Bird Flyway, improves resilience of local economy
- What is the revenue analysis?
 - Bouldin land use capacity for 2,500 to 3,800 acres in rice
 - Potential MWD gross revenue \$2M to \$3M/year
 - Additional revenues from carbon credits for rice acreage
 - Additional farmland available for other revenue opportunities



Bouldin Island

Opportunities Analysis

Potential Revenue Projection (Based on comparables)¹



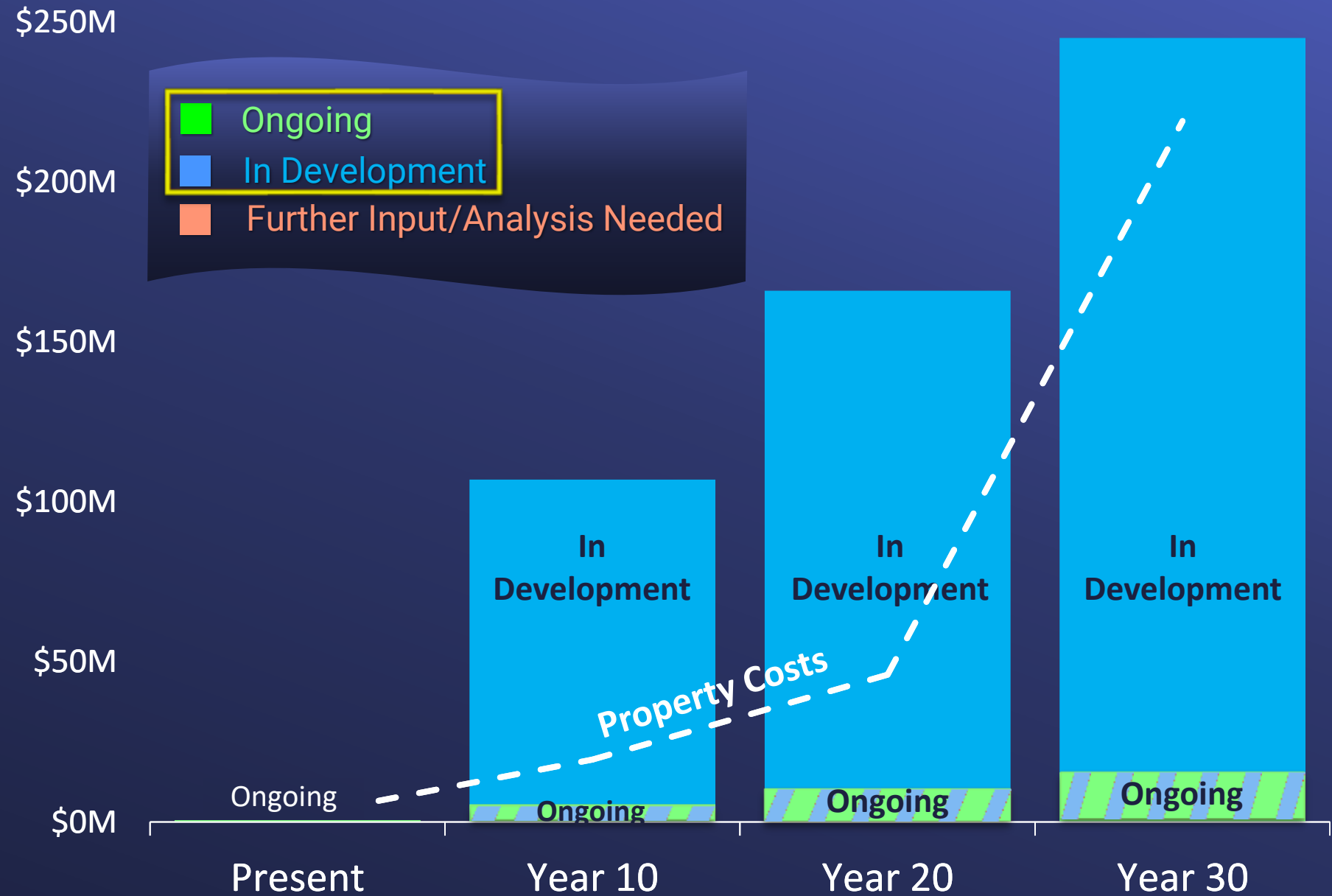
1. The initial analysis is based on costs and revenue from similar projects throughout the Delta



Bouldin Island

Opportunities Analysis

Potential Revenue Projection (Based on comparables)¹



1. The initial analysis is based on costs and revenue from similar projects throughout the Delta



\$250M

\$200M



Ongoing



In Development



Further Input/Analysis Needed

Further Analysis
Needed

Opportunities Analysis

Potential Revenue Projection (Based on comparables)¹

- Further Input & Analysis Needed
 - Regenerative agriculture (\$)
 - Renewable energy (\$)
 - Voluntary Agreement opportunities (\$)
 - Bird watching & nature trails
 - Carbon capture & underground storage (\$)



\$250M

\$200M

- Ongoing
- In Development
- Further Input/Analysis Needed

Further Analysis Needed

Opportunities Analysis

Potential Revenue Projection (Based on comparables)¹

- Example – Carbon Capture & Storage
 - Essential for California to meet its 2045 carbon neutrality goals – Gov. Newsom (Aug 2022)
 - 5 projects in development in California
 - Test wells in Delta (King Island, Montezuma Hills)
 - 2021 reconnaissance study with Lawrence Livermore National Lab
 - Potential revenue – hundreds of millions/year





Opportunities Analysis Other Multi-Benefit Projects

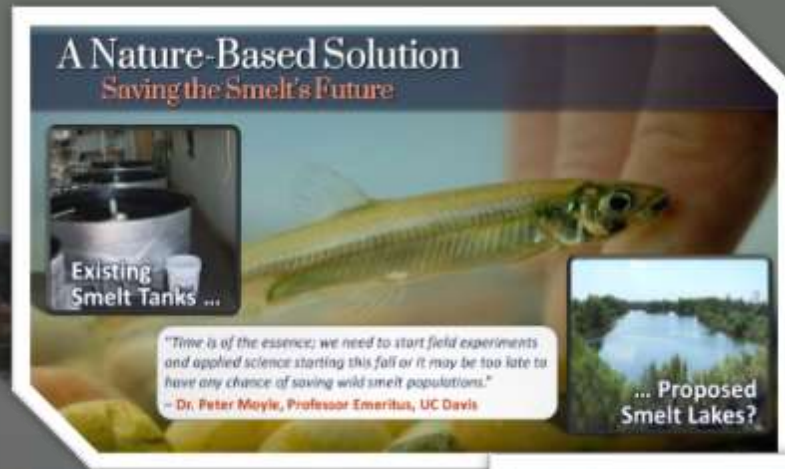
 A collage of seven project posters, each with a title and a background image related to the project. The posters are arranged in a staggered, overlapping fashion.

- A Faster Way to Restoration**
Floating Peat Wetlands
- Conservation in Action**
Integrated Research, Training & Education Center
- A Local Food Market for Fish**
Riverine Landscape Restoration
- Bringing Back Small Farms**
Local Family Farm Program
- A Nature-Based Solution**
Saving the Smelt's Future
- Securing the Delta's Future**
Community Protection & Levee Modernization
- A Collaborative Partnership**
Landscape Sustainability & Restoration
An open partnership that designs & recommends multi-benefit landscape opportunities
 PARTNERS:
 - California Audubon Society
 - Point Blue Conservation Science
 - The Nature Conservancy
 - Ducks Unlimited
 - California Waterfowl Association
 - Miwok Nation, Don Hankins
 - Delta Conservancy
 - California Dept. Fish & Wildlife
 - Department of Water Resources
 - Delta Stewardship Council
 - Delta Protection Commission
 - San Francisco Estuary Institute
 - East Bay Parks
 TECHNICAL ADVISORS:
 - UC Merced
 - CSU Chico State
 - UC Davis
 - SF Estuary Institute
 - Natural Resources Grp
 - GEI
 - MBK Engineers
 - Hydrofocus

An aerial photograph showing a winding river or canal. A dirt road follows the curve of the water body, with patches of green vegetation and some trees along the banks. The water is a deep blue color.

Highlights of Ongoing Collaborative Efforts

Highlights Ongoing Collaborative Efforts



- Delta Smelt Natural Propagation
 - Pilot Fall 2022
 - Bouldin Island ponds
 - Smelt scientific research

• Objectives

- Propagation of endangered species in more naturalized areas
- Islands could be used to stabilize population





Highlights Ongoing Collaborative Efforts

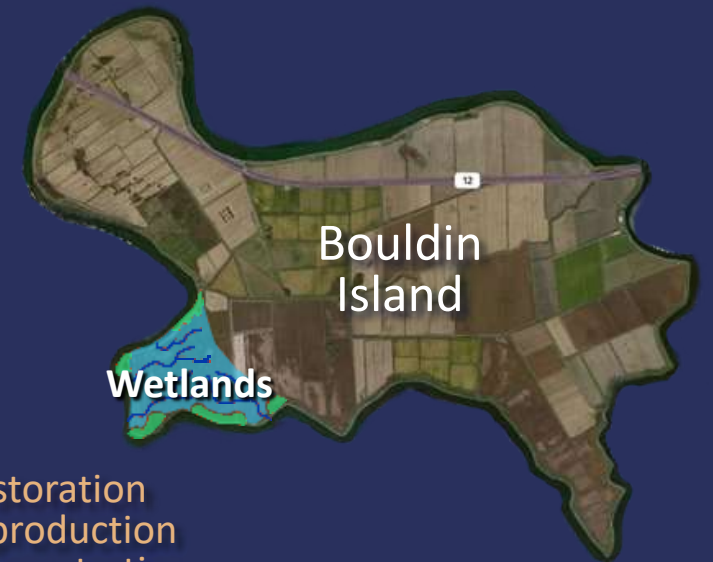
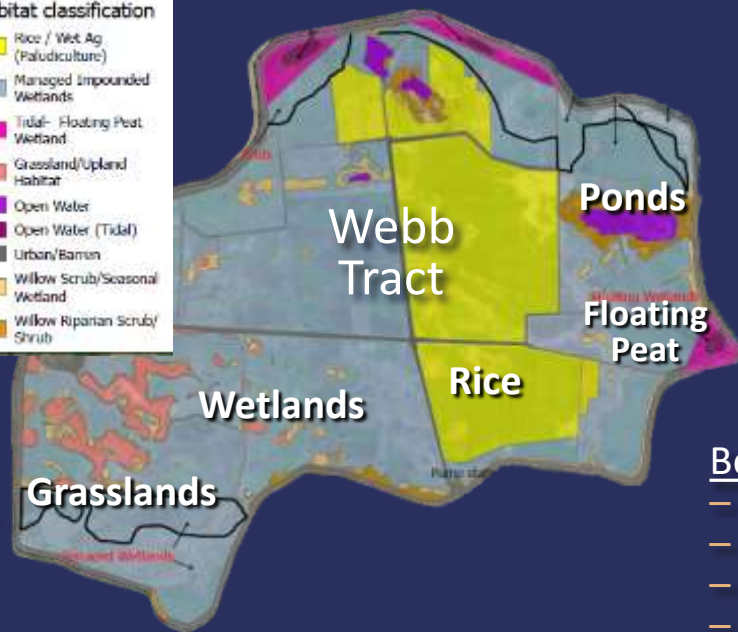
- Objective
 - Fund improvements consist with Board Policy
- Grant Funding (~ \$56.4 million)
 - \$25.3 million - levee improvements (2019, 2022)
 - \$ 0.5 million - levee maintenance (2016-present)
 - \$ 1.5 million - emergency response supplies (2022)
 - \$ 1.1 million - collaborative landscape planning (2022)
 - \$ 11.4 million - riverine restoration levee setback (2022-23)
- Draft Grant Applications
 - Habitat restoration & carbon sequestration
 - Furthering Delta smelt propagation
 - Growing aquatic fish food
 - Levee improvement



- Objective
 - Fund improvements consist with Board Policy

Highlights Ongoing Collaborative Efforts

Drafting Grant Applications



Benefits

- Habitat restoration
- Fish food production
- Carbon sequestration
- Subsidence reduction
- Sustainable agriculture

An aerial photograph of a winding river or canal. A dirt road follows the curve of the water body, which is bordered by green vegetation and some bare earth. The scene is set against a dark blue background.

Discussion and Board Input



Discussion & Board Input

- Key questions to be addressed by staff white paper
 - What are the intangible benefits of owning the islands?
 - If we sell, how much would go back into the budget?
 - How would continued grant funding reduce costs?
 - Is there market demand for projects in development?
 - Is a self-sustaining (or better) revenue model achievable for the islands?
 - Others ?

Schedule¹

- Mar 2023
 - Delta stakeholder input at Board Committee
 - Analysis of other islands
 - Staff white paper
- May 2023
 - Board discussion and direction

1. Schedule is subject to change based on Board schedule & input





Real Property & Asset Management Committee

Group Manager Report

Real Property & Asset Management Committee

Item 7a

December 13, 2022

The Real Property Group



