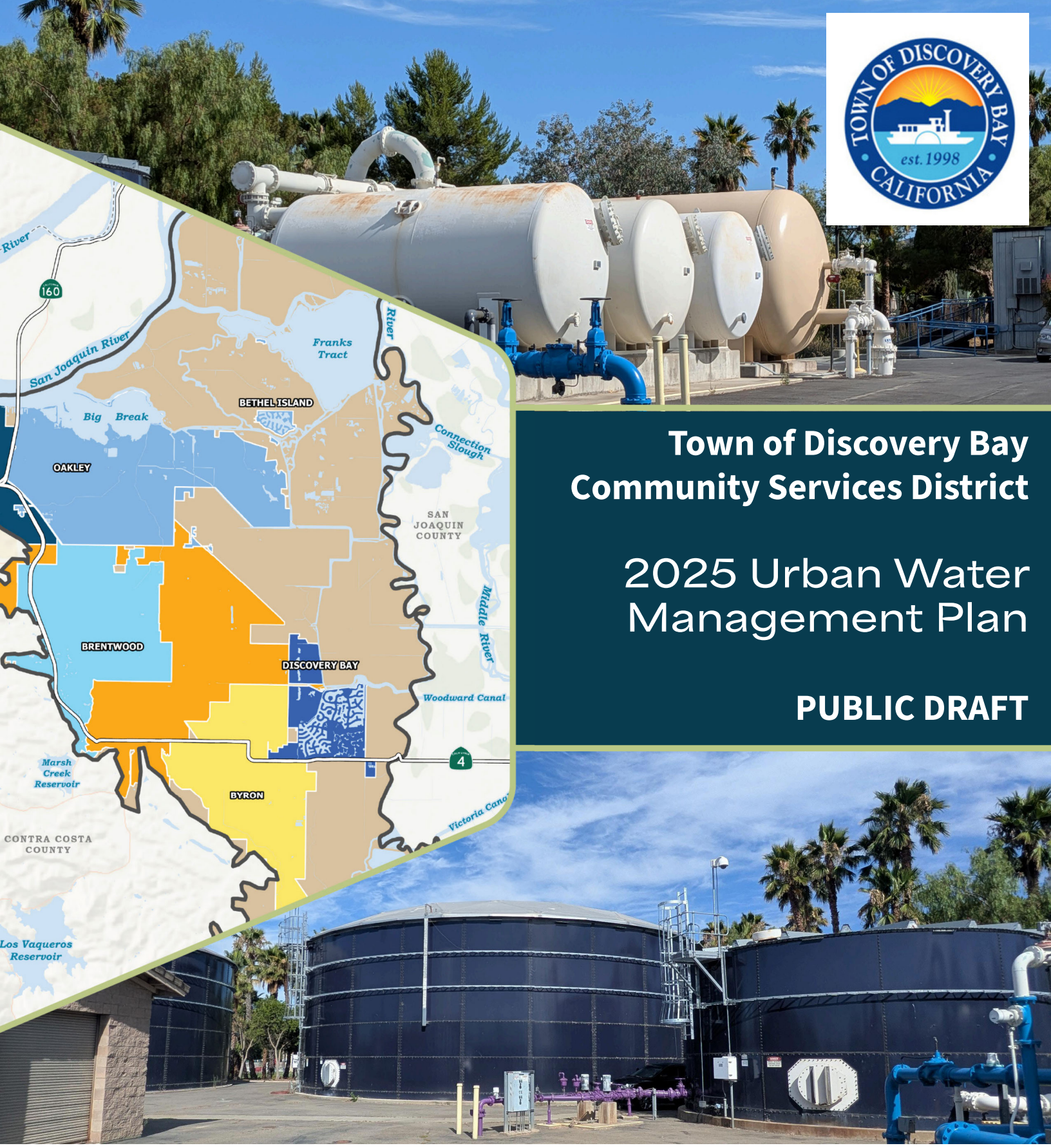

Town of Discovery Bay Community Services District

2025 Urban Water Management Plan

PUBLIC DRAFT

Shobe Engineering
Resilient and Efficient Solutions

May 18, 2026

TOWN OF DISCOVERY BAY
COMMUNITY SERVICES DISTRICT

2025 Urban Water Management Plan (Public Draft)

May 18, 2026

Prepared by Shobe Engineering

Shobe Engineering
Resilient and Efficient Solutions

Acknowledgements

This document was prepared in collaboration with Shobe Engineering (SHOBE), Town of Discovery Bay Community Services District (TODB or District), and information from the East Contra Costa Subbasin Groundwater Sustainability Agency Working Group (ECC Working Group).

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ACRONYMS & ABBREVIATIONS

AF – Acre-Feet
AFY – Acre-Feet per Year
AB – Assembly Bill
AWIA – America's Water Infrastructure Act

BBID – Byron Bethany Irrigation District

CCR – California Code of Regulations
CCWD – Contra Costa Water District
CII – Commercial, Industrial, and Institutional
CSD – Community Services District

DMM – Demand Management Measure
DRA – Drought Risk Assessment
DWR – California Department of Water Resources

ECC – East Contra Costa
ECCID – East Contra Costa Irrigation District
ECCSB – Eastern Contra Costa Subbasin

GPCD – Gallons per Capita per Day
GPDC – Gallons per Day per Connection
GPSCD – Gallons per Service Connection per Day
GSA – Groundwater Sustainability Agency
GSP – Groundwater Sustainability Plan

LHMP – Local Hazard Mitigation Plan

MG – Million Gallons
MGD – Million Gallons per Day
MGY – Million Gallons per Year
MWELO – Model Water Efficient Landscape Ordinance

SB – Senate Bill
SGMA – Sustainable Groundwater Management Act
SWRCB – State Water Resources Control Board

TDS – Total Dissolved Solids
TODB – Town of Discovery Bay

UWMP – Urban Water Management Plan
UWUO – Urban Water Use Objective

VFD – Variable Frequency Drive

WSCP – Water Shortage Contingency Plan
WTP – Water Treatment Plant

CHAPTER 1 INTRODUCTION

1.1 Background and Purpose

The Urban Water Management Plan (UWMP) is a long-term planning document required by the California Urban Water Management Planning Act (California Water Code Division 6, Part 2.6, Sections 10610–10657). Urban water suppliers serving more than 3,000 customers or delivering more than 3,000 acre-feet of water annually must prepare and adopt an UWMP every five years and submit it to the California Department of Water Resources (DWR).

The UWMP evaluates current and projected water supplies and demands over a 20-year planning horizon and demonstrates the reliability of water service under normal, single-dry, and multiple dry year conditions. The UWMP also documents water shortage contingency planning, demand management measures, and other elements required by the Water Code.

This 2025 UWMP has been prepared in accordance with the DWR 2025 UWMP Guidebook and applicable provisions of the California Water Code. Following adoption by the Town of Discovery Bay Community Services District (District), the UWMP will be submitted to DWR for review. DWR reviews UWMPs for completeness and compliance with statutory requirements but does not approve or certify the plans.

1.2 Regulatory Context for 2025 UWMP

State water management regulations have evolved over recent UWMP cycles to place increasing emphasis on water use efficiency, system performance, and long-term sustainability. Earlier planning efforts included implementation of Senate Bill X7-7 (SBX7-7), which established a target to reduce urban per capita water use by 20 percent by 2020. Subsequent regulatory updates introduced annual water loss audits through SB 555, and the 'Making Conservation a California Way of Life' framework (SB 606 and AB 1668) established Urban Water Use Objectives (UWUO). While these objectives are formally enforced by the State Water Resources Control Board (SWRCB) through separate Annual Water Use Reports, the 2025 UWMP requires suppliers to describe how their long-term supply and demand planning aligns with these standards.

The 2025 UWMP reflects these ongoing regulatory developments, including enhanced reporting related to water system losses and water use efficiency. While some of these requirements are administered outside of the UWMP process, they inform the District's approach to water supply planning.

The UWMP serves as both a regulatory requirement and a planning tool to support informed decision-making and communication with customers, governing officials, LAFCO and other regulatory agencies.

1.3 UWMP Relationship to Other Planning Efforts

The UWMP is coordinated with the District's broader water resources planning efforts. Groundwater supplies are managed under the Sustainable Groundwater Management Act (SGMA) through the Eastern Contra Costa Groundwater Sustainability Agency (ECCGSA) Working Group, who adopted the Groundwater Sustainability Plan (GSP) in 2022. The UWMP is coordinated with the GSP and the District's Water Shortage Contingency Plan (WSCP), which was adopted as a standalone document and included as

Appendix D. In addition, the UWMP is consistent with local land use planning assumptions and reflects regional coordination efforts where applicable.

1.4 Grant and Loan Eligibility

Preparation and adoption of a UWMP is required for eligibility for certain State funding programs administered by DWR and the SWRCB. Maintaining an up-to-date UWMP allows the District to pursue funding opportunities for water supply, infrastructure, and resiliency projects.

1.5 Delta Plan Consistency

The District does not participate in any actions considered "covered actions" under the Delta Plan, which would involve use of surface water from the Sacramento-San Joaquin River Delta. Therefore, consistency with Delta Plan Policy WR P1 is not applicable.

1.6 UWMP Organization

2025 UWMP Chapters	Title	Description
Chapter 1	**Introduction and Lay Description**	Provides a background on the UWMP requirements and an overview of the Chapters.
Chapter 2	**Plan Preparation and Adoption**	Provides an overview of the UWMP and its purpose.
Chapter 3	**Service Area Description**	Describes the District's service area, population, and system characteristics.
Chapter 4	**Water Use Characterization**	Summarizes historical water use and demand patterns.
Chapter 5	**SBX7-7 Baseline, 2020 Target, and 2025 Reporting**	Documents compliance with the Water Conservation Act of 2009 (SBX7-7) for the 2020 Target.
Chapter 6	**Water Supply Characterization**	Describes East Contra Costa Subbasin as provided in the Groundwater Sustainability Plan and available supply.
Chapter 7	**Water Service Reliability & Drought Risk Assessment**	Evaluates supply reliability under normal, single-dry, and multiple dry-year conditions, and identifies potential future supply options.
Chapter 8	**Water Shortage Contingency Plan**	Summarizes the District's adopted Water Shortage Contingency Plan (WSCP), which is included as an appendix.
Chapter 9	**Demand Management Measures**	Describes water conservation and efficiency programs.

CHAPTER 2 PLAN PREPARATION AND ADOPTION

2.1 UWMP Preparation

This Urban Water Management Plan (UWMP) was prepared by the Town of Discovery Bay Community Services District (District) in accordance with the California Urban Water Management Planning Act and the California Department of Water Resources (DWR) 2025 UWMP Guidebook (final was released in January 2026). The UWMP must be adopted by the District and submitted to DWR by July 1, 2026 after undergoing public review.

2.2 Basis for Preparing an UWMP

The District is required to prepare an UWMP as an urban water supplier serving more than 3,000 municipal connections and supplying more than 3,000 acre-feet of water annually.

Table 2-2 identifies the District's public water system information as reported to DWR.

The UWMP is based on:

- Historical water production and water use data
- Current system operations and supply sources
- Projected population and service connections
- Applicable planning documents and regulatory requirements

Table 2-1: Public Water Systems (DWR 2-1R)

Has there been a change in the number of affiliated Public Water Systems since the 2020 UWMP? (OPTIONAL)			No
Public Water System Number	Public Water System Name	Number of Municipal Connections 2025	Volume of Water Supplied 2025 (MG)
Add additional rows as needed			
CA0710009	Town of Discovery Bay Community Services District	6,166	1,014
	Total	6,166	1,014

2.3 Supplier and Plan Information

This is an individual UWMP for the District. The District is not part of a regional UWMP nor a regional alliance (Table 2-2). The District is a retail supplier that relies solely on groundwater. No water is purchased from a wholesale supplier. The units of measure within this UWMP are in million gallons (MG) unless otherwise noted. Water measurements are reported on a calendar year basis (Table 2-3)

Table 2-2: Plan Identification (DWR 2-2)

Select One or Both	Type of Plan		Name of Regional Alliance or RUWMP (Drop Down List)
☑	**Individual UWMP**		
	☐	Water Supplier is also a member of a SB X7-7 Regional Alliance	
☐	**Regional Urban Water Management Plan (RUWMP)**		

Table 2-3: Supplier Identification (DWR 2-3)

Type of Supplier (select one or both)	
☐	Supplier is a wholesale supplier
☑	Supplier is a retail supplier
Fiscal or Calendar Year (select one)	
☑	UWMP Tables are in calendar years
☐	UWMP Tables are in fiscal years
If using fiscal years provide month and date that the fiscal year begins (mm/dd)	
Units of measure used in UWMP (Select from the drop down list).	
Unit	MG

2.4 Coordination and Outreach

The District coordinated with appropriate agencies and stakeholders in preparation of the UWMP, as required by the Water Code. This coordination included providing notification to relevant agencies, including cities, counties, and water management agencies within or adjacent to the service area (Table 2-4).

The UWMP was made available for public review, and outreach was conducted in accordance with statutory requirements to provide an opportunity for public and agency input.

Table 2-4: Agency Coordination (DWR 10-1R)

City / Special District Name	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
Contra Costa LAFCO	Yes	Yes
City of Brentwood	Yes	Yes
City of Oakley	Yes	Yes
Contra Costa County GSA	Yes	Yes
City of Brentwood	Yes	Yes
City of Antioch	Yes	Yes
Diablo Water District	Yes	Yes
East Contra Costa Irrigation District	Yes	Yes
Contra Costa Water District	Yes	Yes
Byron-Bethany Irrigation District	Yes	Yes
Reclamation District 800	Yes	Yes
Contra Costa Flood Control & Water Conservation District	Yes	Yes
Contra Costa County Fire Protection District	Yes	Yes
County Name **Drop Down List**	60 Day Notice	Notice of Public Hearing
Add additional rows as needed		
Contra Costa County	Yes	Yes

2.5 UWMP Adoption, Submittal, and Implementation

2.5.1 Notice of UWMP and WSCP Preparation and Adoption

Notice of preparation of the UWMP and the Water Shortage Contingency Plan (WSCP) was provided in accordance with Water Code requirements. A notice to the county and nearby cities and water districts was sent at least 60 days prior to the public hearing of the District's intent to review and adopt the UWMP.

A public hearing was held to separately for the WSCP and UWMP. The plans were made available to the public at least 14 days prior to the respective public hearings and two newspaper notices were public at least 5 days apart. Following the public review period, the District's Board of Directors adopted the WSCP and UWMP at said public meetings.

2.5.2 Submittal of the UWMP and WSCP

Following adoption, the UWMP and WSCP were submitted to the California Department of Water Resources and other required agencies in accordance with statutory requirements.

2.5.3 Amending the UWMP and WSCP

Amendments to the UWMP and WSCP will be on an as-needed basis, either on the 5-year regulatory cycle or sooner if significant changes occur

CHAPTER 3 SERVICE AREA DESCRIPTION

3.1 General Description

3.1.1 Water Service Area

The Town of Discovery Bay Community Services District (District) provides potable water and wastewater services to the community of Discovery Bay in eastern Contra Costa County, California. The District is governed by a five-member Board of Directors.

Discovery Bay is a planned community encompassing approximately 3,600 acres originally developed in the 1970s and is characterized by residential development constructed around a network of human-made lakes and channels. These waterways are managed in coordination with Reclamation District 800 and the U.S. Army Corps of Engineers. The service area is generally flat in topography and is predominantly residential, with supporting commercial, institutional, and landscape irrigation uses.

The District's service area boundary is shown on **Figure 3-1**. The boundary reflects the current service area, including recent annexations approved through the Contra Costa Local Agency Formation Commission (LAFCO) that updated the District's Sphere of Influence (SOI).

3.1.2 Jurisdictional Boundary Changes

The District's service area boundary may be modified over time through annexation or detachment actions approved by LAFCO. A recent annexation expanded the District's boundary to include the Pantages subdivision within the District's Sphere of Influence.

Additional planning efforts are ongoing at the County level related to potential modifications to the Urban Limit Line (ULL). These efforts include evaluation of agricultural conservation and development buffer areas adjacent to the existing community. As these planning efforts are not finalized at the time of this UWMP, they are not reflected in the service area boundary or land use figures presented herein.

3.1.3 Water Supply Infrastructure

The District's water supply is derived from groundwater extracted from multiple production wells and treatment facilities to meet potable water quality standards.

The District currently operates five active groundwater wells. Wells 1B, 2, and 6 provide raw water to the Willow Lake Water Treatment Plant (WTP). Wells 4A and 7 provide raw water to the Newport WTP. A new groundwater source, Well 8, is being constructed as a standalone water treatment plant site and is anticipated to be in service within the year. The general layout of the water and wastewater systems is shown on **Figure 3-2**.

The District's water supply capacity is defined by the combined production capacity of its wells and treatment units. Reliability is evaluated on the ability to meet demand with the largest production source offline. Under present conditions, total supply capacity is approximately 8 million gallons per day (MGD) and the reliable capacity is 6 MGD. Once Well 8 is online, total supply capacity will be 10 MGD and the reliable capacity will be 8 MGD.

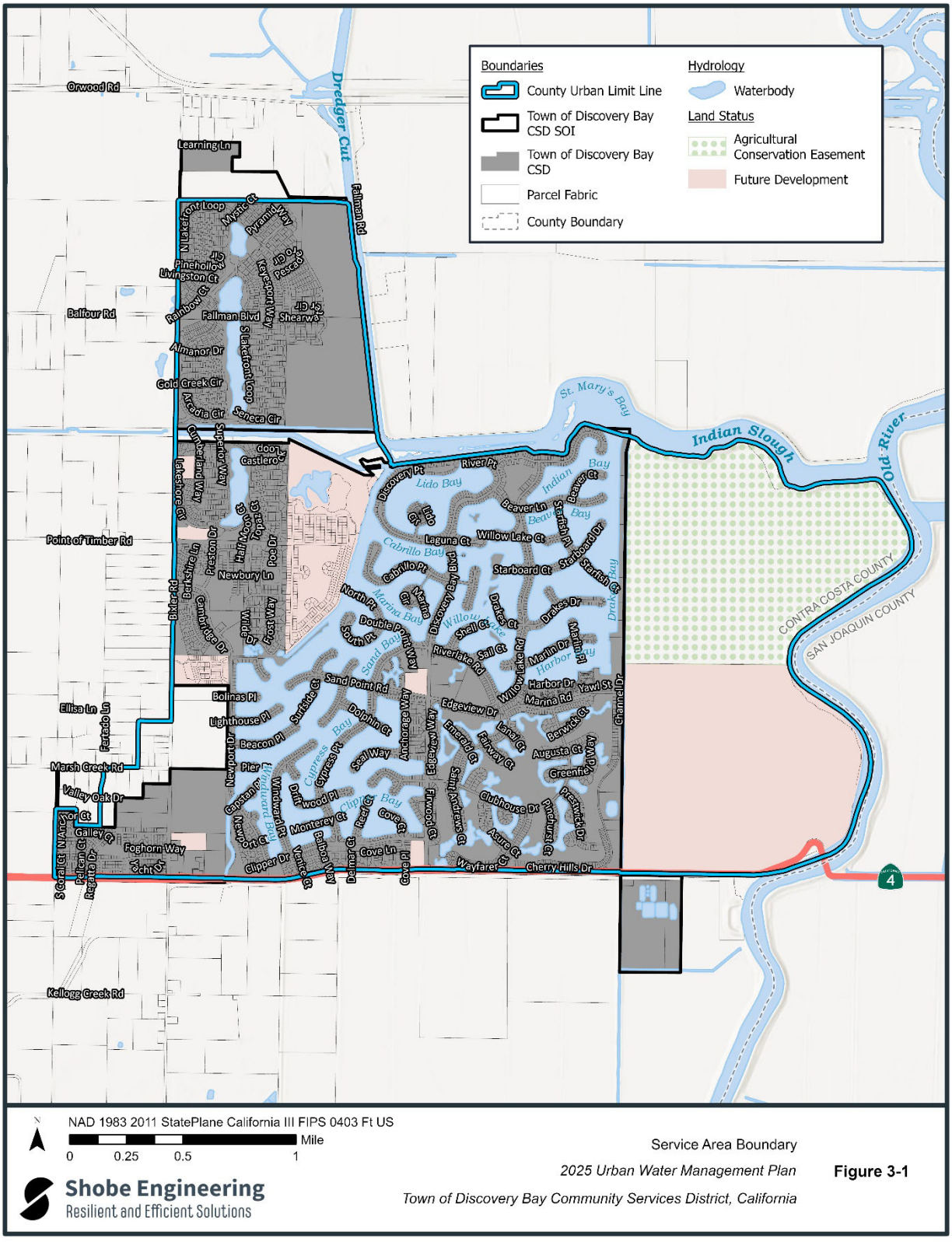

Figure 3-1: Service Area Boundary

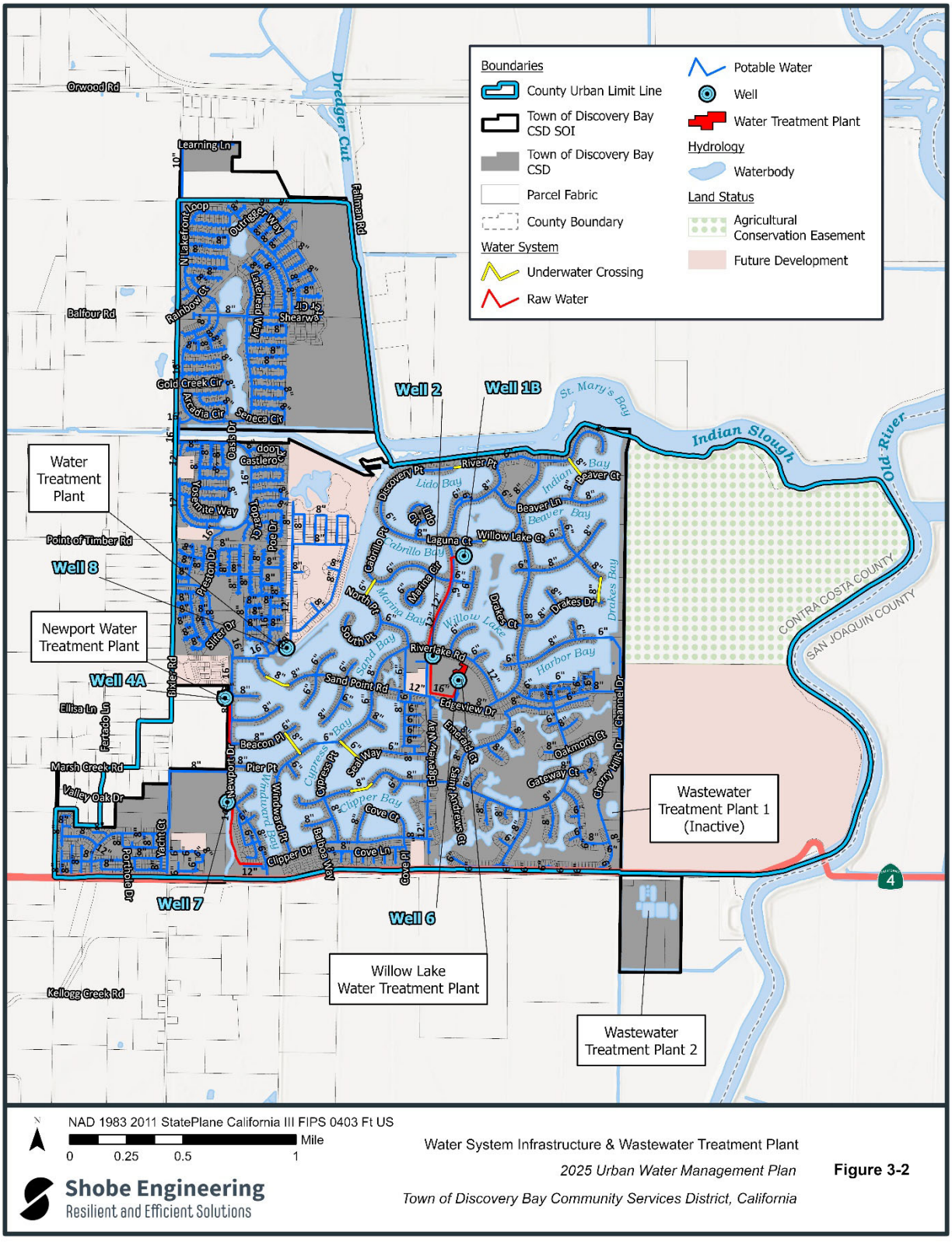

Figure 3-2: water System Infrastructure & WWTP

3.2 Service Area Climate

The District is located in a Mediterranean climate zone characterized by hot, dry summers and mild, wetter winters, characteristic of the surrounding Delta setting. Precipitation occurs primarily between November and March, with limited rainfall during the summer months. Maximum annual rainfall varies significantly depending on hydrologic conditions, with wet years exceeding typical averages. Most precipitation occurs during winter storm events, while summer months receive little to no rainfall. Climate conditions influence seasonal water demand, particularly irrigation use during the summer months. Average climate conditions for the service area are summarized in Table 3-1 from data available from the Antioch weather station.

Table 3-1: Average Climate

Climate Condition	Value Range
Average Temperatures	37 F – 91 F
Extreme Temperatures	30 F – 117 F
Wet Season Average Precipitation (Nov-March)	1-2 inches per month
Average Annual Precipitation	10-13 inches per year

3.3 Service Area Population and Demographics

3.3.1 Population

U.S. Census Bureau data was used as the basis for estimating the current service area population. Discovery Bay is identified by the U.S. Census Bureau as a Census Designated Place (CDP), and the Discovery Bay CDP generally overlaps the District's water service area. The 2020 UWMP used this same approach because the CDP boundary closely corresponded with the District's service area boundary.

The 2020 U.S. Census reported a population of 15,358 for the Discovery Bay CDP. The Census also reported 6,101 total housing units, 5,494 households used as usual residences, and 2.80 persons per household. Because Discovery Bay includes vacation and part-time residences associated with recreation in the community, the difference between total housing units and usual-residence households was used to estimate a transient population component. This results in 607 housing units assumed to represent vacation or part-time residences.

These part-time residences were assumed to be occupied 25 percent of the time. Applying the 2.80 persons-per-household factor results in an estimated transient population of approximately 424 people. Adding this transient population to the Census-reported usual-residence population results in an estimated 2020 service area population of 15,782. In 2020, the District had a total number of service connections of 6,134, resulting in a persons-per-connection factor of 2.57.

For 2025 and future years, population projections were developed using the service connection–based approach. The 2.57 factor was applied to total services in 2025 of 6,166 resulting in a current population of 15,865. Through 2035, growth is estimated from the known and anticipated developments, including infill developments currently underway and the proposed Cecchini Ranch. These planned developments are assumed to increase total service connections from the current 6,166 in 2025 to approximately 9,298 by 2035 (Table 3-2).

Beyond 2035, population growth is projected using an upper-bound historical growth rate of approximately 3.4 percent per year (Table 3-2). This approach provides a conservatively high estimate of future population to establish an adequate available supply under the UWMP framework.

Table 3-2: Current and Projected Population (DWR 3-1R)

Population Served	2025	2030	2035	2040	2045	2050(opt)
	15,865	18,556	23,923	27,991	32,751	38,321

3.3.2 Other Social , Economic, and Demographic Factors

The District's service area is primarily residential, with a stable customer base and limited industrial or large commercial demand. Demographic conditions are not expected to significantly alter overall water use patterns beyond those reflected in projected population growth and land use.

3.4 Land Uses Within the Service Area

Land use within the District is predominantly residential, with supporting commercial, institutional, and recreational uses. Irrigated landscapes, including parks, common areas, and private landscaping, contribute to overall water demand.

Land use within the service area is shown on **Figure 3-3**, which reflects current and planned development consistent with local planning documents.

The District is located within the Eastern Contra Costa Subbasin, as shown on **Figure 3-4**, which provides regional context for groundwater management and supply planning.

Future land use assumptions reflected in this UWMP are based on adopted planning documents and known development projects. These assumptions form the basis for the projected service connections and water demands presented in Chapter 4.

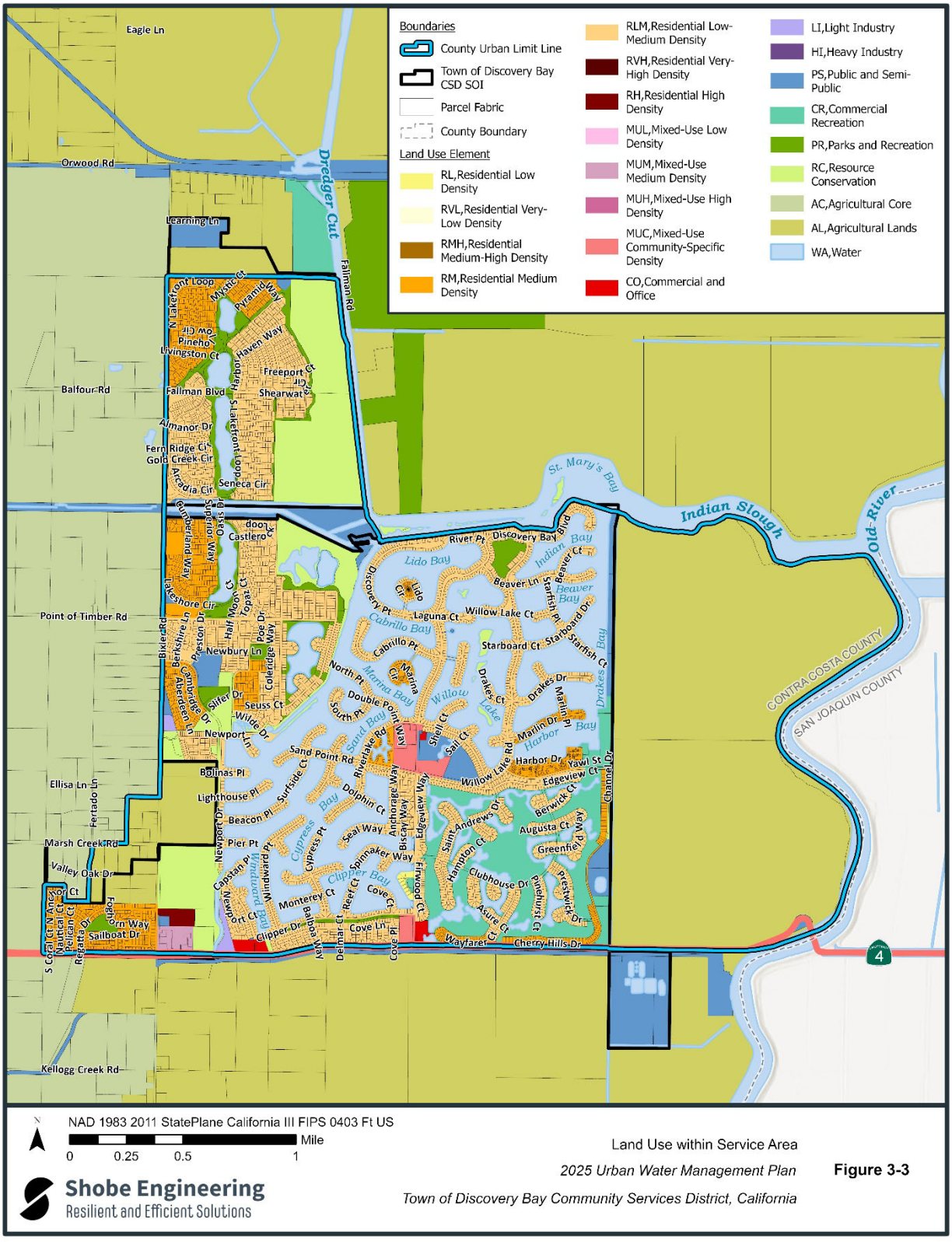

Figure 3-3: Land Use Within Service Area

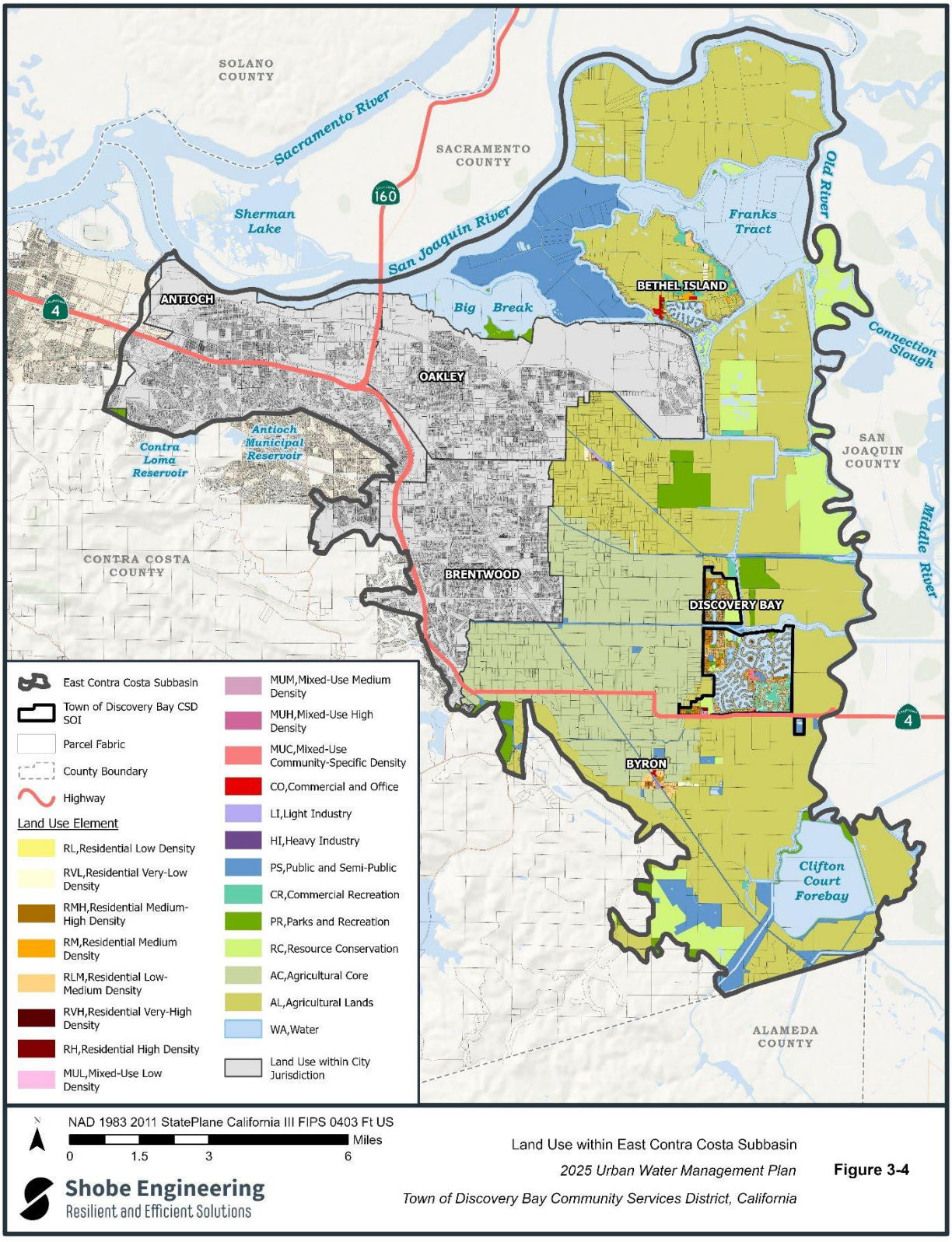

Figure 3-4: Land Use Within ECC Subbasin

CHAPTER 4 WATER USE CHARACTERIZATION

4.1 Non-Potable Versus Potable Water Use

The District does not use or have access to recycled water.

4.2 Historical Water Use Trend

The District's total water production in 2025 was approximately 1,014 million gallons (MG). Water use is primarily residential, with smaller contributions from commercial/institutional and landscape irrigation demands. System losses are also accounted for as part of total production.

Table 4-1 summarizes water use by category for 2025.

Table 4-1: 2025 Actual Total Water Use for Potable and Non-Potable (AFY) (DWR 4-1R)

Use Type	Additional Description	Level of Treatment	Volume (MG)
Single Family	Includes Multi-Family	Potable	668
Institutional/Governmental	Includes Commercial	Potable	16
Landscape		Potable	171
Distribution System Water Loss		Potable	159
		Subtotal Potable	1,014
		Subtotal Non-Potable	0
		Total	1,014

Over the past decade, total water production has declined from pre-drought levels and has stabilized in recent years. Prior to the 2015 drought, annual production averaged approximately 1,200 MG. During the 2015 drought, production declined significantly to approximately 856 MG. Since 2020, annual production has stabilized between approximately 1,009 and 1,092 MG, with recent usage of 1,014 MG representing a new baseline level of demand.

Water use per connection has remained relatively stable since 2017, indicating that current demand patterns are representative of long-term conditions and are appropriate for use in projecting future demands.

4.3 Past Water Use by Sector

Water use within the District is dominated by residential demand, which accounts for the majority of total water use. Commercial/institutional and landscape irrigation demands represent smaller portions of total demand but are important components of overall system use.

Average water use per connection, based on recent historical data, is summarized as follows:

- **Residential (SFR and MFR):** approximately 326 gallons per service connection per day (gpscd)
- **Commercial/Institutional:** approximately 1,063 gpdc
- **Landscape Irrigation:** approximately 4,626 gpdc
- **Total Water Losses from Audits**: approximately 15% of production

These values are based on observed usage over the past several years and reflect stable water use patterns since 2017.

4.4 Projected Water Use

Projected water demand increases over the planning horizon as a result of population growth and development within the District's service area. Future water demand was projected using a service connection–based approach that directly relates system growth to water use. This method estimates future demand by projecting the number of service connections by customer category and applying representative average water use per connection based on recent historical conditions.

Through approximately 2035, projected service connections reflect known and anticipated development within the District's service area, including infill development and planned projects. Beyond 2035, future growth is projected using an upper-bound historical growth rate of approximately 3.4 percent per year. This approach provides a conservatively high estimate of future growth and associated water demand for planning purposes.

The average water use per service connection was applied to projected service connections to estimate demand by sector. System losses were incorporated into total demand using a factor based on recent water audit results.

This methodology results in a consistent and conservative estimate of future demand that does not assume reductions from future conservation requirements or regulatory changes.

Projected water demand by sector is presented in **Table 4-2** for five-year increments from 2030 through 2050.

Table 4-2: Projected Water Demands by Sector (AFY) (DWR 4-2R)

Use Type	Additional Description	2030	2035	2040	2045	2050
Single Family	Includes Multi-Family	840	1,076	1,259	1,473	1,723
Institutional/ Governmental	Includes Commercial	19	57	67	79	92
Landscape		190	194	227	266	311
Distribution System Water Loss		151	191	224	262	306
Subtotal Potable		1,200	1,518	1,777	2,080	2,432
Subtotal Non-Potable		0	0	0	0	0
Total		1,200	1,518	1,777	2,080	2,432

Table 4-3: Inclusion in Water use Projections (DWR 4-3R)

Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) **Drop down list (y/n)**	No
If "Yes" to above: State the section or page number, in the cell to the right, where citations of the codes, ordinances, or otherwise are utilized in demand projections are found. **OPTIONAL** Suppliers may complete Optional Submittal Table 4-4 R to quantify the expected savings.	
Are Lower Income Residential Demands Included In Projections? (Refer to Appendix K of UWMP Guidebook) **Drop down list (y/n)**	Yes

4.5 Distribution System Water Loss and Regulations

The District has conducted annual water loss audits since 2016 in accordance with State requirements and reports these results through the State's water audit reporting system. Table 4-4 confirms that water loss audits have been completed and submitted for the period from 2020 through 2024.

Table 4-4: Water Loss Audit Reporting (DWR 4-5R)

Public Water System ID # Reported in Table 2-1 R	Reporting Period	Submitted to DWR Water Loss Audit Program (yes/no)
Report submittal status for all five years for each Public Water System as available. Add rows as needed		
CA0710009	2020	Yes (WUE Data Portal Link)
	2021	Yes (WUE Data Portal Link)
	2022	Yes (WUE Data Portal Link)
	2023	Yes (WUE Data Portal Link)
	2024	Yes (WUE Data Portal Link)

The State Water Resources Control Board (SWRCB) has established water loss performance standards for each urban water supplier as part of the "Making Conservation a California Way of Life" framework. These standards establish allowable levels of real and apparent water losses that suppliers are required to meet by 2028. Compliance will be evaluated based on water audit results submitted in the years leading up to 2028.

Real water losses represent physical losses from the system such as leaks and main breaks, while apparent losses are non-physical losses such as meter inaccuracies, data handling errors, or unauthorized consumption.

The District's assigned real water loss standard is 13.9 gallons per service connection per day (gpscd). The baseline used by the State to establish this standard reflects water audit data from 2017-2020, which indicated real water losses on the order of approximately 19.9 gpscd. This standard represents the Economic Level of Water Loss (ELWL) as determined by the State's economic model, which identifies the point at which the cost of further loss reduction would exceed the value of the water saved.

The most recent water audit indicates that reported real water loss is approximately 63.2 gpscd, which exceeds both the historical baseline and the assigned standard. This difference may be influenced by changes in reporting methods, data quality improvements, or updated system information rather than a direct increase in physical system losses.

The District is currently evaluating its water loss metrics and audit methodologies to better understand these differences and to identify appropriate actions to improve performance and meet the 2028 compliance requirement.

Progress toward meeting the State's water loss standard is summarized in Table 4-5.

Table 4-5: Progress Towards 2028 Water Loss Standard (DWR 4-6R)

Public Water System ID	Did SWRCB Calculate a Water Loss Standard for this System?	Real Water Loss				
		SWRCB 2028 Real Water Loss Standard	Units	Most Recent Audit # of Connections	Most Recent Audit Volume of Total Real Losses	Real Water Loss per Unit
CA0710009	Yes	13.9	Gallons per Service Connection per Day (GPSCD)	6,166	142.256	63.2
		Apparent Water Loss				
		SWRCB 2028 Apparent Water Loss Standard	Units	Most Recent Audit # of Connections	Most Recent Audit Volume of Total Apparent Losses	Real Water Loss per Unit
		7.4	Gallons per Service Connection per Day (GPSCD)	6,166	16.678	7.4

4.6 Lower Income Households

In accordance with Water Code Section 10631.1, the District includes an estimate of projected water use for lower income households within its service area. Lower income households are defined pursuant to Section 50079.5 of the California Health and Safety Code.

The District does not maintain detailed records identifying water use by income category. Additionally, local planning documents, including the Contra Costa County General Plan, do not identify specific locations of lower income housing within the Discovery Bay service area.

Based on the most recent U.S. Census Bureau American Community Survey (ACS) 2024 5-year estimates, about 7.4 percent of Discovery Bay's population lives below the federal poverty line. In the absence of more detailed local data, projected water use for lower income households is assumed to represent a proportional share of total residential water demand.

Accordingly, lower income residential water use is estimated at approximately 7.4 percent of total residential demand for both current and projected conditions. This approach provides a reasonable planning-level estimate for purposes of UWMP reporting.

4.7 Climate Change Considerations

The potential effects of climate change on water supply and demand are considered as part of the District's long-term planning efforts. While the District has not conducted a standalone climate change analysis specific to its service area, regional and basin-wide evaluations have been completed through the ECC GSP adopted in 2022.

The GSP evaluates groundwater conditions under a range of hydrologic scenarios, including variations in recharge and demand that are consistent with potential climate change impacts. These analyses indicate the ECC Subbasin is projected to be sustainable under various future scenarios including those that incorporate climate change and sea level rise (GSP, 2022).

The District relies entirely on groundwater supplies, which are generally less sensitive to short-term climate variability than surface water sources. However, long-term changes in precipitation patterns, recharge, and water demand may influence groundwater conditions over time. These factors are addressed through SGMA implementation and ongoing basin management.

For purposes of this UWMP, projected water demands are based on historical usage patterns and do not include adjustments for potential climate-driven changes in demand. This approach provides a conservative estimate of future demand. Water supply reliability, including the ability to meet demands under varying hydrologic conditions, is evaluated in Chapter 7.

The District will continue to rely on regional groundwater management efforts and future updates to the GSP to address climate change considerations and ensure long-term water supply sustainability.

CHAPTER 5 SBX7-7 BASELINE, 2020 TARGET, AND 2025 REPORTING

5.1 Background

The Water Conservation Act of 2009 (Senate Bill X7-7) required urban water suppliers to reduce per capita water use by 20 percent by the year 2020. Compliance with SB X7-7 was required to be demonstrated in the 2020 Urban Water Management Plan.

5.2 SBX7-7 Compliance Status

The District established an individual per capita water use target of 209 gallons per capita per day (GPCD) for 2020. Actual water use in 2020 was 185 GPCD, demonstrating that the District successfully achieved its SB X7-7 target (Table 5-1). The District was not part of a merger or consolidation since 2020 and continues to operate under its individual target.

Table 5-1: SBX7-7 2020 Target Progress (DWR 5-1R)

Was Supplier part of a merger or consolidation since 2020?	Regional Alliance Target or Individual Target? Drop down list	2020 Target GPCD	Actual 2020 GPCD	Did Supplier Achieve Targeted Reduction for 2020?	Only for suppliers that did not meet the Target in 2020 See DWR NOTES below.	
					Actual 2025 GPCD (From SB X7-7 Compliance Form)	Did Supplier meet the 2020 Target in 2025?
No	Individual Target	209	185	Yes	NA	NA

5.3 Ongoing Applicability

SB X7-7 requirements were applicable through 2020 and have since been superseded by newer State regulatory frameworks related to water use efficiency, including the "Making Conservation a California Way of Life" legislation (SB 606 and AB 1668). These regulations establish Urban Water Use Objectives, which incorporate an indoor residential water use standard currently set at 55 gallons per capita per day (GPCD), reducing to 47 GPCD by 2030.

The District's successful compliance with SB X7-7 demonstrates its continued commitment to efficient water use and provides a foundation for meeting future State water use objectives.

The District's 2020 SB X7-7 target also serves as a reference point within the State Water Resources Control Board's framework, where it may be used as a backstop in the development of Urban Water Use Objectives.

CHAPTER 6 WATER SUPPLY CHARACTERIZATION

6.1 Overview

This chapter describes the District's water supply sources, including groundwater, wastewater, and potential future supply opportunities. The District's water supply is derived entirely from local groundwater sources within the Eastern Contra Costa Subbasin (ECCSB). The District does not currently rely on imported or purchased water supplies and does not utilize recycled water.

6.2 Groundwater Supply

6.2.1 Basin Setting (GSP Summary)

The District is located within the Eastern Contra Costa Subbasin, a groundwater basin identified and managed under the Sustainable Groundwater Management Act (SGMA). The subbasin is governed by multiple Groundwater Sustainability Agencies (GSAs), as shown on **Figure 6-1**.

The Groundwater Sustainability Plan (GSP) for the subbasin was developed through a coordinated effort by the Eastern Contra Costa Subbasin GSA Working Group, which represents the participating GSAs within the basin. This collaborative approach ensures consistent management objectives, data sharing, and long-term planning across the subbasin.

The GSP, adopted in 2022, provides a comprehensive evaluation of basin conditions, including groundwater levels, water quality, recharge, and long-term sustainability. The plan establishes a framework to ensure that groundwater use remains within sustainable yield and avoids undesirable results as defined by SGMA.

Based on the GSP, groundwater conditions within the subbasin are considered sustainable under current and projected conditions. The District's groundwater use represents a portion of total basin pumping and is consistent with long-term basin management objectives.

6.2.2 Hydrogeologic Setting in Discovery Bay

The District is located in the northwestern portion of the San Joaquin Valley, within the Great Valley geomorphic province and adjacent to the Sacramento–San Joaquin Delta. Surface water features in the area include Old River and interconnected Delta channels.

The regional geologic setting consists of deep marine sedimentary formations overlain by younger unconsolidated alluvial deposits. The deeper formations contain saline groundwater and are not suitable for potable supply.

Overlying these formations are Pleistocene and Holocene alluvial deposits composed of interbedded sands, gravels, silts, and clays. These deposits form the primary aquifer system within the Eastern Contra Costa Subbasin.

The District's groundwater supply is produced from this alluvial aquifer system, typically from depths of approximately 250 to 350 feet below ground surface, where permeable sand and gravel units provide

reliable yields. At shallower and deeper intervals, groundwater quality may be degraded due to the presence of brackish or saline water.

The hydrogeologic framework described above is consistent with the conceptual basin model presented in the 2022 GSP.

6.2.3 Groundwater Conditions

Groundwater conditions within the District are characterized by stable water levels and generally consistent water quality, based on long-term monitoring and basin-wide analysis documented in the GSP.

Water level data indicate that groundwater elevations respond to variations in pumping and hydrologic conditions. During periods of increased demand and drought, water levels have declined; however, levels have recovered following reductions in pumping and improved hydrologic conditions. This demonstrates that groundwater levels are responsive to demand management and that the system can recover following periods of stress.

Historical data do not indicate long-term declines in groundwater levels or other conditions associated with unsustainable use. These findings are consistent with the GSP, which concludes that groundwater use within the subbasin is managed within sustainable yield.

Groundwater quality meets primary drinking water standards following treatment. The source water is generally characterized as hard, with elevated total dissolved solids (TDS), and requires treatment for constituents such as iron and manganese. In addition, the presence of brackish to saline water in adjacent aquifer zones requires proper well construction and sealing to protect the potable supply aquifer.

Overall, groundwater conditions within the District are considered stable and sustainable under current and projected use.

Table 6-1: Water Supply Wells

Well Name	**Well 1B**	**Well 2**	**Well 4A**	**Well 6**	**Well 7**
Year Drilled	1995	1971	1996	2009	2014
Well Depth	350 ft	348 ft	357 ft	360 ft	346 ft
Screen Interval	271-289 ft	247-338 ft	313-349 ft	270-295 ft	282-292 ft
Casing Diameter	16 in	12 in	16 in	18 in	18 in
Capacity	1,600 gpm	850 gpm	1,800 gpm	1,700 gpm	1,800 gpm

6.2.4 Historic Groundwater Pumping

Groundwater pumping by the District represents the total volume of water supplied to customers. Historical pumping has varied in response to population growth, hydrologic conditions, and conservation efforts.

Prior to the 2015 drought, annual groundwater production averaged approximately 1,200 MG. During the drought, production declined significantly as a result of conservation measures, reaching approximately 900 MG. Since 2020, groundwater production has stabilized between approximately 1,000 and 1,100 MG annually, reflecting current demand conditions.

Table 6-2: Groundwater Volume Pumped (DWR 6-1R)

☐	Check the box if the Supplier does not pump groundwater. Proceed to the next table.						
☐	Check the box if all or part of the groundwater described below is desalinated.						
Groundwater Type	Water Type	Location or Basin Name	2021 (MG)	2022 (MG)	2023 (MG)	2024 (MG)	2025 (MG)
Alluvial Basin	Potable	East Contra Costa Subbasin	1,021	1,009	1,018	1,062	1,014
		Total	1,021	1,009	1,018	1,062	1,014

6.2.5 Available Groundwater Supplies

Available groundwater supply for the District is defined by both the physical capacity of its groundwater production facilities and the long-term availability of groundwater within the Eastern Contra Costa Subbasin as described in the Groundwater Sustainability Plan (GSP).

The GSP distinguishes between total groundwater availability, sustainable yield, and varying hydrologic conditions; however, for purposes of this UWMP, the available supply is represented by the projected planning-level supply identified for the District.

The District's groundwater wells and treatment facilities are designed to meet maximum day demand (MDD). With the District's current infrastructure, approximately 8 million gallons per day (MGD) can be produced. For long-term planning, the GSP (Table 4-5 of ECCGSA GSP) identifies a projected available groundwater supply for the District's service area of approximately 7,700 acre-feet per year, or approximately 2,500 MGY through 2050.

Based on this evaluation, groundwater supplies are considered sufficient to meet current and projected demands within the UWMP planning horizon.

6.3 Purchased or Imported Water

The District does not currently purchase or import water from external suppliers and does not rely on imported water to meet customer demand.

6.4 Surface Water

The District does not currently utilize surface water as a potable water supply source. Surface water resources are present regionally within the Sacramento–San Joaquin Delta and associated waterways. Nearby agencies, including Contra Costa Water District (CCWD), East Contra Costa Irrigation District (ECCID), and Byron Bethany Irrigation District (BBID), obtain and convey surface water from Delta diversions for municipal and agricultural uses.

Within the Discovery Bay area, surface water features include a network of man-made lakes and channels connected to Delta waterways and managed in coordination with Reclamation District 800 and the U.S. Army Corps of Engineers. These water bodies are not developed or treated for potable use by the District.

Surface water does not currently contribute to the District's water supply portfolio and is not included in available supply calculations presented in this UWMP. Potential future consideration of surface water as a supplemental supply is discussed in Section 6.9.

6.5 Stormwater

Stormwater is not currently captured or utilized as a water supply source within the District. Given the limited precipitation and developed nature of the service area, stormwater is not considered a significant source of supply for the purposes of this UWMP.

6.6 Wastewater and Recycled Water

6.6.1 Recycled Water Coordination

The District provides both water and wastewater services within its service area and is responsible for planning and evaluating recycled water opportunities. Recycled water planning is coordinated internally and considers system configuration, water quality, infrastructure requirements, and potential end uses.

To date, recycled water has not been implemented as a supply source within the District. The District continues to evaluate recycled water opportunities as part of its long-term planning efforts, including potential coordination with local users where feasible.

6.6.2 Wastewater Collection, Treatment and Disposal

The District owns and operates a wastewater collection and treatment system that serves the Discovery Bay community. Wastewater is collected and conveyed to the District's wastewater treatment plant, where it undergoes tertiary-level treatment.

Treated effluent is discharged to Old River, located to the southeast of the community, in accordance with applicable regulatory permits and requirements.

6.6.3 Recycled Water Use

The District does not currently utilize recycled water for direct beneficial use within the service area.

The wastewater treatment plant produces tertiary treated effluent that could potentially be permitted for recycled water use. However, implementation of recycled water has not occurred due to a combination of infrastructure, water quality, and economic considerations.

Some portions of the District have been constructed with recycled water ("purple pipe") infrastructure; however, these areas are generally located at the outer extents of the service area. Delivering recycled water to these areas would require significant conveyance improvements from the wastewater treatment plant.

In addition, treated wastewater has elevated salinity and boron concentrations due to the characteristics of the underlying groundwater supply and contributions from residential water softeners. These water quality conditions limit the suitability of recycled water for irrigation use, particularly for landscape and turf applications.

Potential use of recycled water for irrigation at nearby facilities, such as the golf course, has been considered. However, water quality constraints would likely require blending with potable water, reducing the overall potable water offset and limiting the effectiveness of recycled water as a supply alternative.

Table 6-3: Wastewater Collected Within Service Area in 2025 (DWR 6-2R)

☐	Check the box if there is no wastewater collection system. Proceed to the next table.			
100%	Percentage of 2025 service area served by wastewater collection system (OPTIONAL)			
100%	Percentage of 2025 service area population served by wastewater collection system (OPTIONAL)			
Wastewater Collection			**Recipient of Collected Wastewater**	
Name of Wastewater Collection Agency	Wastewater Volume Metered	Volume of Wastewater Collected from UWMP Service Area 2025 (MG)	Name of Wastewater Treatment Plant (WWTP) and Place ID Number	Is WWTP Located Within UWMP Area?
Town of Discovery Bay Community Services District	Metered	387	Discovery Bay WWTP, Place ID 220315	Yes

Table 6-4: Wastewater Treatment and Outcomes Within Service Area in 2025 (DWR 6-3R)

☐	Check the box if no wastewater is treated or disposed of within the UWMP service area. Proceed to the next table.								
Wastewater Treatment Plant Name and Place ID Number	Does This Plant Treat Wastewater Generated Outside the UWMP Service Area?	2025 Volume of Wastewater Received from UWMP Service Area	Total 2025 Volume of Water Treated	**2025 Outcomes of Treated Wastewater**					
				Water Recycled Within UWMP Service Area	Water Recycled Outside of UWMP Service Area	Effluent Discharge that is not a Permitted Recycled Water Use		Required Discharge for Instream Flow	Delivered to Another Entity for Additional Treatment
		(MG)	(MG)	(MG)	(MG)	Level	(MG)	(MG)	(MG)
Discovery Bay WWTP, Place ID 220315	No	387	385	-	-	Tertiary	385	-	-
Total		387	385	-	-		385	-	-

Table 6-5: Recycled Water Direct Beneficial Uses Within Service Area (DWR 6-4)

☑	Check box if recycled water is not used and is not planned for use within the service area of the supplier. The supplier will only complete the column on "Potential Recycled Water Use" and submit an accompanying narrative on the feasibility of that potential recycled water use.									
Use Type	Water Type	Additional Information (as needed)	2025 (MG)	2030 (MG)	2035 (MG)	2040 (MG)	2045 (MG)	2050 (MG)	**Potential Recycled Water Use** Volume	Page # Ref
Landscape irrigation	Non-Potable	50% of irrigation use							100	
Golf course irrigation	Non-Potable	Outside of service area							50	
Recreational impoundment	Non-Potable	Lakes in service area							50	
Commercial use	Non-Potable	Construction water							5	
		Total	0	0	0	0	0	0	205	0

6.6.4 Actions to Optimize Future Recycled Water Use

Currently, recycled water implementation is not considered feasible due to high capital cost associated with conveyance and distribution and realistic water quality constraints due to elevated salinity and boron levels. Future recycled water use would likely require blending with potable supplies to meet water quality requirements, which would reduce the net benefit of implementation. The District may revisit recycled water opportunities if conditions change.

6.7 Desalinated Water Opportunities

The District does not currently utilize desalinated water.

6.8 Water Exchanges and Transfers

The District does not currently participate in water exchanges or transfers and has not identified any such programs for the planning horizon.

6.9 Future Water Projects

The District is exploring potential opportunities to diversify its water supply portfolio through regional partnerships, including coordination with Byron Bethany Irrigation District (BBID) and other nearby agencies. These efforts are at a planning level and are focused on evaluating the feasibility of incorporating treated surface water as a supplemental supply to the District's existing groundwater system.

Potential objectives of a surface water supply include improving long-term water supply reliability through diversification, enhancing water quality by reducing reliance on higher total dissolved solids (TDS) groundwater, supporting future growth, and strengthening regional coordination. One potential approach under consideration would involve blending treated surface water with existing groundwater supplies; however, specific project configurations and supply quantities have not been determined.

The District will continue to evaluate these opportunities as part of its long-term planning efforts. No implementation timeline or quantified supply has been identified at this stage.

Table 6-6: Possible Future Water Projects (DWR 6-7R)

☐	Check the box if there are no expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Proceed to the next table.						
☑	Check the box if some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.						
Page 6-7	Provide page location of narrative in the UWMP						
Name of Future Projects or Programs	Joint Project with other suppliers?		Additional Description	Water Type	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Supplier
	Drop Down List (yes/no)	If Yes, Supplier Name					(MG)
Regional Surface Water Supply Partnership	Yes	Byron Bethany Irrigation District	See narrative Chapter 6.9	Potable	N/A	All Year Types	Not yet available

6.10 Climate Change Effects

The potential effects of climate change on water supply are considered through regional groundwater management efforts. The Eastern Contra Costa Subbasin GSP evaluates groundwater conditions under a range of hydrologic scenarios that reflect potential changes in recharge and demand.

These analyses indicate that groundwater resources are managed within sustainable yield under projected conditions. While long-term changes in precipitation and recharge may influence groundwater availability, the District's reliance on groundwater and participation in basin management under SGMA provide a framework for addressing these uncertainties.

For this UWMP, water supply projections are based on current conditions and GSP findings. Climate change considerations will continue to be addressed through ongoing updates to the GSP and future UWMP cycles.

6.11 Current and Projected Water Supplies

Tables 6-7 and 6-8 summarize the District's current (2025) and projected water supplies through 2050 in accordance with DWR reporting requirements. As the District relies entirely on groundwater, these tables reflect the reasonably available volume of groundwater supply identified for planning purposes.

Table 6-7: 2025 Actual Water Supplies (DWR 6-8R)

Water Supply	Additional Description (as needed)	2025	
Drop down list		Water Type	Actual Volume (MG)
Groundwater (not desalinated)		Potable	1,014

Table 6-8: Projected Water Supplies (DWR 6-9R)

Water Supply	Water Type	Projected Water Supply (Report to the Extent Practicable)				
		2030 (MG)	2035 (MG)	2040 (MG)	2045 (MG)	2050 (MG)
Groundwater (not desalinated)	Potable	2,500	2,500	2,500	2,500	2,500
Subtotal Potable		2,500	2,500	2,500	2,500	2,500
Subtotal Non-Potable		0	0	0	0	0
Total		2,500	2,500	2,500	2,500	2,500

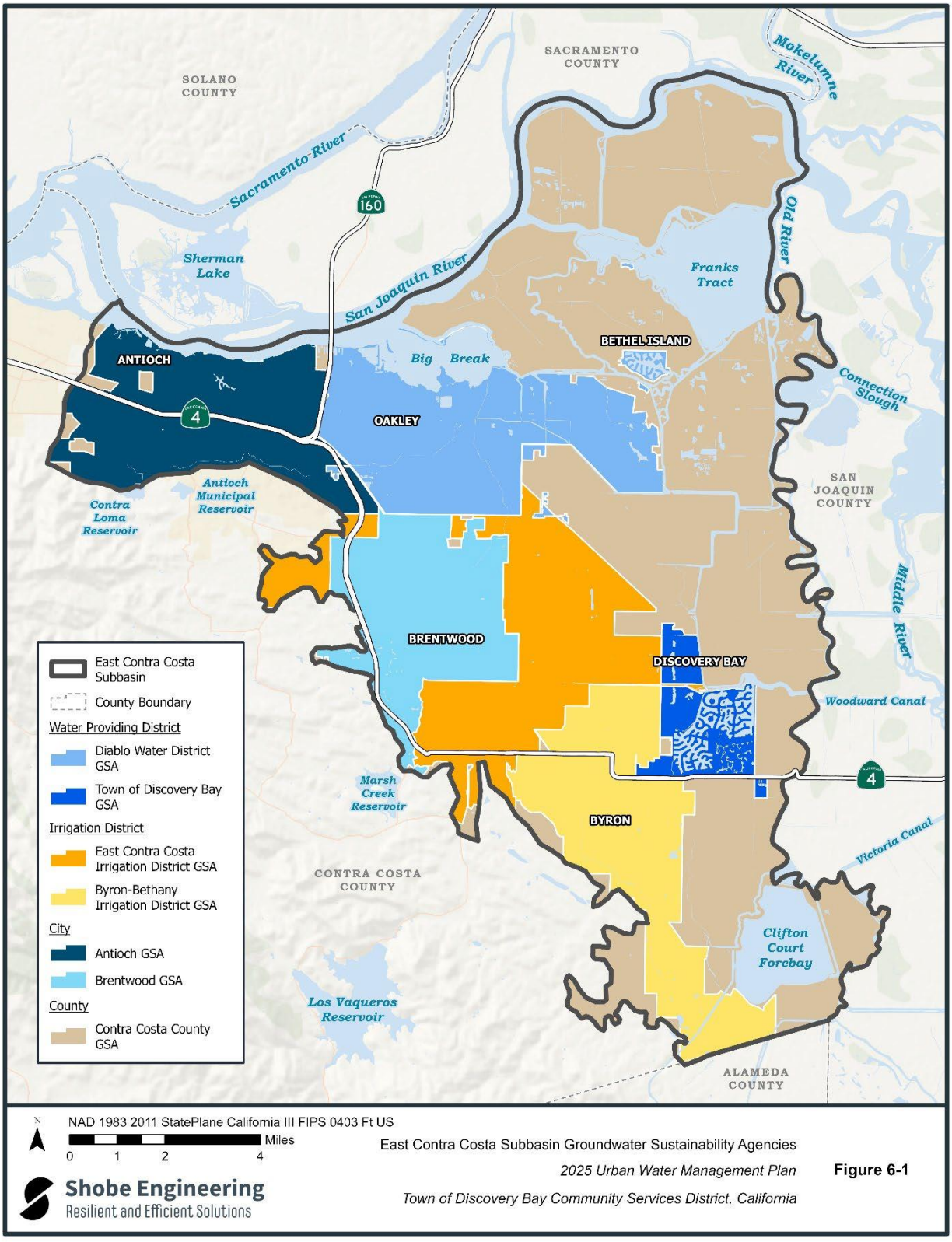

Figure 6-1: East Contra Costa Subbasin Groundwater Sustainability Agencies (2022, ECCGSA)

CHAPTER 7 WATER SERVICE RELIABILITY AND DROUGHT RISK ASSESSMENT

7.1 Water Service Reliability Assessment

The District's water supply reliability is evaluated by comparing projected water demands with available groundwater supplies under varying hydrologic conditions, including normal, single dry year, and multiple dry year scenarios.

As described in Chapter 6, the District relies entirely on groundwater supplies from the Eastern Contra Costa Subbasin. Available groundwater supply is based on planning-level estimates presented in the 2022 Groundwater Sustainability Plan (GSP), which indicates that groundwater resources are sufficient to meet projected demands under managed basin conditions.

7.1.1 Constraints on Water Sources

The District's primary water supply is groundwater. Constraints on this supply are primarily related to operational and water quality considerations rather than limitations on total available supply.

Operational constraints include the capacity of wells and treatment facilities to meet peak demand conditions. Water quality considerations include elevated total dissolved solids (TDS) and the presence of brackish water in adjacent aquifer zones, which require proper well construction and operation to maintain water quality.

No regulatory or environmental constraints have been identified that limit the availability of groundwater supplies within the planning horizon, consistent with findings of the GSP.

7.1.2 Water Year Type Characterization

For purposes of this UWMP, water year types (normal, single dry year, and multiple dry years) are used to evaluate potential variability in water supply and demand conditions.

Because the District relies solely on groundwater, and groundwater conditions within the Eastern Contra Costa Subbasin are managed under SGMA, available supply is not significantly affected by short-term hydrologic variability. Accordingly, groundwater supply is assumed to remain consistent across all water year types for planning purposes.

Table 7-1 summarizes the relationship between water year type and available groundwater supply based on historical conditions. The District's groundwater supply has not been constrained by hydrologic variability, as demonstrated during recent drought periods. The maximum annual production was approximately 1,328 MGY in 2008. During the most recent drought, including the consecutive dry years from 2012 through 2016, the District maintained access to 100 percent of its groundwater supply in each year. While actual production during these years was reduced due to statewide conservation mandates and local demand reductions, available groundwater supply remained unchanged.

Table 7-1: Basis for Water Year Data (Reliability Assessment) (DWR 7-1R)

Year Type	Base Year	Available Supplies if Year Type Repeats	
		☐	Check the box if quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. **Location:** [insert location from UWMP]
		Quantification of available supplies is provided in this table as either volume only, percent only, or both.	
		Volume Available (MG)	% of Average Supply
Average Year	2008	1,328	100%
Single-Dry Year	2007	1,328	100%
Consecutive Dry Years 1st Year	2012	1,328	100%
Consecutive Dry Years 2nd Year	2013	1,328	100%
Consecutive Dry Years 3rd Year	2014	1,328	100%
Consecutive Dry Years 4th Year	2015	1,328	100%
Consecutive Dry Years 5th Year	2016	1,328	100%

7.1.3 Water Service Reliability

Water service reliability is assessed by comparing projected water demand with available groundwater supply under each water year type.

Based on the planning-level groundwater supply of approximately 2,500 MGY (as identified in the GSP), the District has sufficient supply to meet projected demands under normal, single dry year, and multiple dry year conditions throughout the planning horizon.

Projected demand increases from approximately 1,014 MG in 2025 to approximately 2,432 MG by 2050. Available groundwater supply exceeds projected demand in all years, resulting in a positive supply margin under all evaluated scenarios.

Table 7-2: Normal Year Supply and Use Comparison (DWR 7-2R)

	2030 (MG)	2035 (MG)	2040 (MG)	2045 (MG)	2050 (MG)
Supply totals (autofill from Submittal Table 6-9 R)	2,500	2,500	2,500	2,500	2,500
Use totals (autofill from Submittal Table 4-2 R)	1,200	1,518	1,777	2,080	2,432
Surplus/(shortfall)	1,300	982	723	420	68

Table 7-3: Single Dry Year Supply and Use Comparison (DWR 7-3R)

	2030	2035	2040	2045	2050
	(MG)	(MG)	(MG)	(MG)	(MG)
Supply totals	2,500	2,500	2,500	2,500	2,500
Use totals	1,200	1,518	1,777	2,080	2,432
Surplus/(shortfall)	1,300	982	723	420	68

Table 7-4: Multiple Dry Years Supply and Use Comparison (DWR 7-4R)

Consecutive Dry Year Types		2030	2035	2040	2045	2050
		(MG)	(MG)	(MG)	(MG)	(MG)
First year	Supply totals	2,500	2,500	2,500	2,500	2,500
	Use totals	1,200	1,518	1,777	2,080	2,432
	Surplus/(shortfall)	1,300	982	723	420	68
Second year	Supply totals	2,500	2,500	2,500	2,500	2,500
	Use totals	1,200	1,518	1,777	2,080	2,432
	Surplus/(shortfall)	1,300	982	723	420	68
Third year	Supply totals	2,500	2,500	2,500	2,500	2,500
	Use totals	1,200	1,518	1,777	2,080	2,432
	Surplus/(shortfall)	1,300	982	723	420	68
Fourth year	Supply totals	2,500	2,500	2,500	2,500	2,500
	Use totals	1,200	1,518	1,777	2,080	2,432
	Surplus/(shortfall)	1,300	982	723	420	68
Fifth year	Supply totals	2,500	2,500	2,500	2,500	2,500
	Use totals	1,200	1,518	1,777	2,080	2,432
	Surplus/(shortfall)	1,300	982	723	420	68

7.1.4 Descriptions of Management Tools and Options

The District maintains several tools and strategies to manage water supply and demand and to ensure reliable service under varying conditions, which includes:

- Implementation of the Water Shortage Contingency Plan (WSCP), which outlines staged response actions during drought conditions
- Ongoing groundwater monitoring and participation in regional basin management under SGMA
- Operational flexibility in well production and treatment facilities
- Demand management through conservation measures

These tools provide the District with the ability to respond to changing conditions and maintain reliable service.

7.2 Drought Risk Assessment (DRA)

7.2.1 DRA Data, Methods, and Basis for Water Shortage Conditions

The Drought Risk Assessment evaluates the District's ability to meet water demands during a five-year drought scenario. The assessment uses projected water demand and available groundwater supply as described in Chapters 4 and 6. Based on adequately managed groundwater supplies, drought conditions are evaluated based on demand variability rather than significant reductions in available supply.

7.2.2 DRA Water Source Reliability

Groundwater supplies within the Eastern Contra Costa Subbasin have demonstrated resilience to historical drought conditions. As described in Chapter 6, groundwater levels have remained stable over time and have recovered following periods of increased demand. The GSP indicates that groundwater resources are managed within sustainable yield and are expected to remain available during extended dry periods under current management practices. For purposes of the DRA, groundwater supply is assumed to remain constant during the five-year drought scenario.

7.2.3 DRA Total Water Supply and Use Comparison

The five-year drought risk assessment compares projected water demand with available groundwater supply over a continuous five-year dry period. Based on current estimates, the District is able to meet water demands throughout the drought period without a supply shortfall.

Table 7-5: Five-Year Drought Risk Assessment (DWR 7-5R)

2026		Total
Total Water Use	(MG)	1,060
Total Supplies	(MG)	2,500
Surplus/Shortfall w/o WSCP Action		1,440
2027		**Total**
Total Water Use	(MG)	1,094
Total Supplies	(MG)	2,500
Surplus/Shortfall w/o WSCP Action		1,406
2028		**Total**
Total Water Use	(MG)	1,129
Total Supplies	(MG)	2,500
Surplus/Shortfall w/o WSCP Action		1,371
2029		**Total**
Total Water Use	(MG)	1,164
Total Supplies	(MG)	2,500
Surplus/Shortfall w/o WSCP Action		1,336
2030		**Total**
Total Water Use	(MG)	1,200
Total Supplies	(MG)	2,500
Surplus/Shortfall w/o WSCP Action		1,300

CHAPTER 8 WATER SHORTAGE CONTINGENCY PLAN

8.1 Revised WSCP Overview

The District has prepared and adopted a Water Shortage Contingency Plan (WSCP) in accordance with Water Code Section 10632. The WSCP was initially adopted in 2021 as part of the 2020 UWMP and established a framework for managing water shortages through defined shortage levels, response actions, and annual supply and demand assessments.

As part of the 2025 UWMP development, the District reviewed prior WSCP implementation, including annual water shortage assessments submitted to the Department of Water Resources (DWR) and recent drought response practices. Based on this review, the WSCP was updated to better reflect current operations, align with regional planning efforts including the Eastern Contra Costa Subbasin Groundwater Sustainability Plan (GSP), and improve clarity and usability.

The revised WSCP includes the following updates:

- **Refined Annual Water Shortage Assessment Procedures:**
  Updated procedures for evaluating monthly supply and demand conditions, including consideration of anticipated outages and stress-testing system capacity (e.g., largest unit offline). Board briefings are now triggered only when a shortage condition is anticipated.
- **Updated Reliability Framework:**
  Revised reliability discussion to align with GSP findings, reflecting that groundwater supplies are not expected to be constrained by dry-year conditions. Greater emphasis is placed on maintaining infrastructure capacity and operational reliability.
- **Refined Shortage Level Descriptions:**
  Maintained the six standard shortage levels, with simplified and clarified ranges and improved plain-language guidance distinguishing moderate (Levels I–III) and severe (Levels IV–VI) shortage conditions.
- **Clarified Response Actions:**
  Updated and organized response action categories, including additional restrictions on non-essential uses such as construction water and lake filling during critical and severe shortage conditions.

The updated WSCP was adopted on March 4, 2026 and is included in this UWMP as Appendix D.

The WSCP establishes a structured approach for responding to water shortages, including staged demand reduction measures, operational responses, and communication protocols. Because the District relies on groundwater supplies that have historically demonstrated reliability, water shortages are primarily managed through demand reduction measures rather than limitations in available supply.

CHAPTER 9 DEMAND MANAGEMENT MEASURES

9.1 Overview

Urban water suppliers are required to describe Demand Management Measures (DMMs) implemented to promote efficient water use and reduce long-term demand. The District's DMMs are consistent with the requirements of the Urban Water Management Planning Act and reflect ongoing efforts to encourage water conservation and efficient use of available supplies.

The District's demand management approach emphasizes maintaining efficient water use practices, supporting long-term reliability, and complying with applicable State regulations. Water use within the District has remained relatively stable since the 2015 drought, indicating that existing conservation practices are effective. In particular, the installation of metering throughout the District resulted in sustained reductions in water use.

9.2 Existing Demand Management Measures for Retail

9.2.1 Water Waste Prevention Ordinance

The District has adopted and enforces a Water Waste Prevention Ordinance to prohibit wasteful water use practices. During the 2015 drought, the District adopted emergency drought regulations (Ordinance No. 25), which were later updated in 2016 (Ordinance No. 2016-27). These ordinances established enforceable restrictions on water use and included provisions for penalties for repeat violations.

The District's Water Shortage Contingency Plan (WSCP) further defines water use restrictions and response actions to be implemented during water shortage conditions, including severe shortages. These measures provide the District with the authority to implement demand reductions as needed to maintain reliable service.

The District does not have direct authority to implement landscape ordinances consistent with the State's Model Water Efficient Landscape Ordinance (MWELO); however, the District may coordinate with Contra Costa County should additional landscape regulations be needed in the future.

9.2.2 Metering

The District has implemented a comprehensive metering program, which has been a key component of its water conservation efforts. Meter retrofits began in 2008, and the system underwent a major meter retrofit project in 2017-2018 making it fully metered.

The current metering program includes volumetric billing for all customer classes, routine meter reading, and ongoing maintenance, testing, and replacement of meters as needed. The District also evaluates opportunities to improve measurement accuracy, including separation of mixed-use services where appropriate.

Implementation of universal metering and commodity-based billing has significantly improved the District's ability to track, monitor, and manage water use.

9.2.3 Conservation Pricing

The District utilizes a rate structure that encourages efficient water use while ensuring adequate revenue for system operations. Commodity-based rates provide a direct link between water use and cost, reinforcing conservation behavior.

9.2.4 Public Education and Outreach

The District maintains an ongoing public education and outreach program to promote water conservation and inform customers about efficient water use practices. Outreach efforts include providing information through the District's website, customer communications, and periodic messaging related to seasonal water use and drought conditions.

In addition, the District provides targeted customer support, including water use reviews and conservation guidance upon request. With the implementation of universal metering, the District is able to identify high water users and offer assistance to improve efficiency through leak detection, appliance evaluation, and irrigation management practices.

9.2.5 Programs to Assess and Manage Distribution System Real Loss

The District conducts annual water loss audits in accordance with State requirements. These audits support evaluation of system losses and identification of potential improvements. The District also performs routine maintenance and responds to leaks and system issues as they arise.

The District is subject to the State's "Making Conservation a California Way of Life" framework (SB 606 and AB 1668), which establishes Urban Water Use Objectives and water loss standards. These requirements are addressed through separate regulatory reporting programs and are incorporated into the District's long-term planning efforts.

9.2.6 Water Conservation Program Coordination and Staffing Support

Water conservation activities are managed as part of the District's overall operations. Staff coordinate implementation of conservation measures, regulatory reporting, and customer communication as needed.

9.2.7 Other Demand Management Measures

The District supports efficient water use through operational practices and planning efforts, including coordination with regional groundwater management under the Eastern Contra Costa Subbasin Groundwater Sustainability Plan (GSP).

9.3 Implementation Over the Planning Horizon

The District will continue to implement the DMMs described above throughout the planning horizon. No major new demand management programs are currently planned; however, the District will continue to monitor regulatory requirements and may adjust its programs as needed to comply with future State water use efficiency standards.

CHAPTER 10 REFERENCES

California Department of Water Resources (DWR). (2024). *Urban Water Management Plan Guidebook for 2025.* Sacramento, CA.

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Contra Costa County. (2024). *Local Hazard Mitigation Plan.* Contra Costa County, CA.

Eastern Contra Costa Subbasin Groundwater Sustainability Agency (ECCGSA) Working Group. (2022). *Eastern Contra Costa Subbasin Groundwater Sustainability Plan,* prepared by: *Luhdorff & Scalmanini Consulting Engineers.*

Town of Discovery Bay Community Services District (TODB CSD). (2020). *2020 Urban Water Management Plan.* Discovery Bay, CA.

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U.S. Census Bureau. (2020). *Decennial Census Data for Discovery Bay CDP, California.* Washington, DC.

APPENDIX A

DWR Checklist for the 2025 UWMP

Retail (x = required)	Wholesale (x = required)	Order	2025 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	Relevant Submittal Table	2025 UWMP Location
x	x	1	Chapter 1	10615	A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities.	Introduction and overview	n/a	Chapter 1
x	x	1	Chapter 1	10630.5	Each plan shall include a simple description of the Supplier's plan including water availability, future requirements, a strategy for meeting needs, and other pertinent information. Additionally, a Supplier may also choose to include a simple description at the beginning of each chapter.	Plan preparation	n/a	Chapter 1
x	x	2.1	Section 2.1	10620(b)	Every person that becomes a Supplier shall adopt UWMP within one year after it has become a Supplier.	Plan preparation	n/a	N/A
x	n/a	2.5	Section 2.5	10644	Supplier shall report the Public Water Systems number, volume of delivered water, and number of connections that are included in this UWMP.	Plan preparation	2-1	Chapter 2
x	x	2.5	Section 2.5	10644	Supplier shall report if this UWMP is an individual UWMP and whether the Supplier belongs to a regional UWMP or regional alliance.	Plan preparation	2-2	Chapter 2
x	x	2.5	Section 2.5	10644	Supplier shall report whether the data is in fiscal or calendar years and the units of measure used for reporting water volumes.	Plan preparation	2-3	Chapter 2
x	x	2.4	Section 2.4	10642	Provide supporting documentation that the Supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan and contingency plan.	Plan preparation	n/a	Chapter 2
x	x	2.4	Section 2.4.2	10620(d)(3)	Coordinate the preparation of its plan with other appropriate agencies in the area, including other Suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	Plan preparation	n/a	Chapter 2
x	n/a	2.4	Section 2.4.1	10631(h)	Retail Suppliers will include documentation that they have provided their Wholesale Supplier(s)—if any—with water use projections from that source.	Plan preparation	2-4 R	N/A
n/a	x	2.4	Section 2.4.1	10631(h)	Wholesale Suppliers will provide their Suppliers with identification and quantification of the existing and planned sources of water available from the Wholesale Supplier to the Supplier during various water year types.	Plan preparation	2-4 W	N/A
x	x	3	Chapter 3.0	10631(a)	Describe the Supplier service area.	System description	n/a	Chapter 3
x	x	3.3	Section 3.3	10631(a)	Describe the climate of the Supplier's service area.	System description	n/a	Chapter 3
x	x	3.4	Section 3.4.1	10631(a)	Provide the current and projected service area populations for 2030, 2035, 2040, 2045 and optionally 2050.	System description	3-1	Chapter 3
x	x	3.4	Section 3.4.2	10631(a)	Describe other social, economic, and demographic factors affecting the Supplier's water management planning.	System description	n/a	Chapter 3
x	x	3.5	Section 3.5	10631(a)	Describe the land uses within the service area… include the current and projected land uses within the existing or anticipated service area affecting the Supplier's water management planning. Describe the land uses within the service area.	System description and baselines	n/a	Chapter 3
x	Optional	4.2	Sections 4.2.3 and 4.2.4	10631(d)(1)	Quantify past, current, and projected water use, identifying the uses among water use sectors.	System water use	4-1 and 4-2	Chapter 4
x	Optional	4.3	Section 4.3.1	10631(d)(3)(A)	Report the distribution system water loss for each of the five years preceding the plan update.	System water use	4-5	Chapter 4
x	n/a	4.3	Section 4.3.2	10631(d)(3)(C)	Retail Suppliers shall provide data to show the distribution loss standards were met.	System water use	4-6	Chapter 4
x	n/a	4.2	Section 4.2.5.4	10631.1(a)	Include projected water use needed for lower income housing projected in the service area of the Supplier.	System water use	4-3	Chapter 4
x	n/a	4.2	Section 4.2.5.3	10631(d)(4)(A)	In projected water use, include estimates of water savings from adopted codes, plans, and other policies or laws.	System water use	4-3	N/A
x	n/a	4.2	Section 4.2.5.3	10631(d)(4)(B)	Provide citations of codes, standards, ordinances, or plans used to make water use projections.	System water use	4-3	Chapter 4
x	n/a	4.2	Section 4.2.5.3	10631(d)(4)(B)(ii)	To the extent that a Supplier reports the information described in subparagraph (A), an urban water Supplier shall… Indicate the extent that the water use projections consider savings from codes, standards, ordinances, or transportation and land use plans. Water use projections that do not account for these water savings shall be noted of that fact.	System water use	4-3	N/A
x	x	4.2	Section 4.2.5.6	10635(b)	Demands under climate change considerations must be included as part of the drought risk assessment.	System water use	n/a	Chapter 4
n/a	x	5.1	Section 5.1	10608.36	Wholesale Suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their Retail Suppliers achieve targeted water use reductions.	Baselines and targets	n/a	Chapter 5
x	n/a	5.2	Section 5.2	10608.4	Retail Suppliers shall report on their compliance in meeting their water use targets. Reporting requirements will vary depending on whether the Supplier: - Was considered an urban retail water supplier in 2020, - Met its 2020 target in 2020, or - Was part of a merger or consolidation since 2020. Chapter 5 Subsections 5.2.1, 5.2.2, and 5.2.3 address each of these situations.	Baselines and targets	5-1	Chapter 5
x	x	6.1	Section 6.1	10631(b)(2)	When multiple sources of water supply are identified, describe the management of each supply in relationship to other identified supplies.	System supplies	n/a	N/A
x	x	6.1	Sections 6.1 and 6.2	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought, including changes in supply due to climate change.	System supplies	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(C)	Indicate whether groundwater is an existing or planned source of water available to the Supplier. If groundwater is identified as an existing or planned source of water… (include) a detailed description and analysis of the location, amount and sufficiency of groundwater pumped by the Supplier for the past five years.	Water supplies and recycled water	6-1	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(A)	Indicate whether a groundwater sustainability plan or groundwater management plan has been adopted by the Supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	System supplies	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(B)	Describe the groundwater basin.	System supplies	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(B)	Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the Supplier has the legal right to pump.	System supplies	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(B)	For unadjudicated basins… (include) information as to whether DWR has identified the basin as a high- or medium-priority basin in the most current official departmental bulletin…	Water supplies and recycled water	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(B)	For unadjudicated basins… describe efforts by the Supplier to coordinate with sustainability or groundwater agencies to achieve sustainable groundwater conditions.	Water supplies and recycled water	n/a	Chapter 6
x	x	6.2	Section 6.2.2.	10631(b)(4)(C)	If groundwater is identified as an existing or planned source of water… (include) a detailed description and analysis of the location, amount and sufficiency of groundwater pumped by the Supplier for the past five years.	System supplies	n/a	Chapter 6
x	x	6.2	Section 6.2.2	10631(b)(4)(D)	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	System supplies	6-9	Chapter 6
x	x	6.1	Section 6.1	10631(b)	Identify and quantify the existing and planned sources of water available for 2025, 2030, 2035, 2040, 2045 and optionally 2050.	System supplies	6-8 and 6-9	Chapter 6
x	x	6.2	Section 6.2.7	10631(c)	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	System supplies	n/a	Chapter 6
x	n/a	6.2	Section 6.2.5	10633(a)	Describe the wastewater collection and treatment systems in the Supplier's service area with quantified amount of collection and treatment and the disposal methods.	System supplies (recycled water)	6-2	Chapter 6
x	x	6.2	Section 6.2.5	10633(b)	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	System supplies (recycled water)	6-3	Chapter 6
x	x	6.2	Section 6.2.5	10633(c)	Describe the recycled water currently being used in the Supplier's service area.	System supplies (recycled water)	6-4	Chapter 6
x	x	6.2	Section 6.2.5	10633(d)	Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.	System supplies (recycled water)	6-4	Chapter 6
x	x	6.2	Section 6.2.5	10633(e)	Describe the projected use of recycled water within the Supplier's service area at the end of 5, 10, 15, and 20 years, and describe the actual use of recycled water in comparison to uses previously projected.	System supplies (recycled water)	6-4 and 6-5	Chapter 6
x	x	6.2	Section 6.2.5	10633(f)	Describe the actions that may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.	System supplies (recycled water)	6-6	Chapter 6

x	x	6.2	Section 6.2.5	10633(g)	Provide a plan for optimizing the use of recycled water in the Supplier's service area.	System supplies (recycled water)	n/a	Chapter 6
x	x	6.2	Section 6.2.6	10631(g)	Describe desalinated water project opportunities for long-term supply.	System supplies	6-7	Chapter 6
x	x	6.2	Section 6.2.10	10631(f)	Describe the expected future water supply projects and programs that may be undertaken by the water Supplier to address water supply reliability in average, single-dry, and for a period of drought lasting five consecutive water years.	System supplies	6-7	Chapter 6
x	x	6.3	Section 6.3 and Appendix O	10631.2(a)	The UWMP must include energy information, as stated in the code, that a Supplier can readily obtain.	System suppliers, energy intensity	O-1A, O-1B, O-1C, and O-2	N/A
x		7.1	Section 7.1	10634	Provide information on the quality of existing sources of water available to the Supplier and the manner in which water quality affects water management strategies and supply reliability.	Water supply reliability assessment	n/a	Chapter 7
x	x	7.2	Section 7.2	10635(a)	Service Reliability Assessment: Assess the water supply reliability during normal, dry, and a drought lasting five consecutive water years by comparing the total water supply sources available to the Supplier with the total projected water use over the next 20 years.	Water supply reliability assessment	7-2, 7-3, and 7-4	Chapter 7
x	x	7.2	Section 7.2.3	10620(f)	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	Water supply reliability assessment	n/a	Chapter 7
x	x	7.3	Section 7.3	10635(b)	Provide a drought risk assessment as part of information considered in developing the demand management measures and water supply projects.	Water supply reliability assessment	n/a	Chapter 7
x	x	7.3	Section 7.3	10635(b)(1)	Include a description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts five consecutive years.	Water supply reliability assessment	n/a	Chapter 7
x	x	7.3	Section 7.3	10635(b)(2)	Include a determination of the reliability of each source of supply under a variety of water shortage conditions.	Water supply reliability assessment	n/a	Chapter 7
x	x	7.3	Section 7.3	10635(b)(3)	Include a comparison of the total water supply sources available to the Supplier with the total projected water use for the drought period.	Water supply reliability assessment	7-5	Chapter 7
x	x	7.3	Section 7.3	10635(b)(4)	Include considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.	Water supply reliability assessment	n/a	Chapter 7
x	x	8	Chapter 8	10632(a)	Provide a water shortage contingency plan (WSCP) with specified elements below.	Water shortage contingency planning	n/a	Chapter 8
x	x	8	Chapter 8	10632(a)(1)	Provide an analysis of water supply reliability (from Guidebook Chapter 7) in the WSCP.	Water shortage contingency planning	n/a	Chapter 8
x	x	8.2	Section 8.2	10632(a)(2)(A)	Provide the written decision-making process and other methods that the Supplier will use each year to determine its water reliability.	Water shortage contingency planning	n/a	Appendix D
x	x	8.2	Section 8.2	10632(a)(2)(B)	Provide data and methodology to evaluate the Supplier's water reliability for the current year and one dry year pursuant to factors in the code.	Water shortage contingency planning	n/a	Appendix D
x	x	8.3	Section 8.3	10632(a)(3)(A)	Define six standard water shortage levels of 10%, 20%, 30%, 40%, 50% shortage, and greater than 50% shortage. These levels shall be based on supply conditions, including percent reductions in supply, changes in groundwater levels, changes in surface elevation, or other conditions. The shortage levels shall also apply to a catastrophic interruption of supply.	Water shortage contingency planning	n/a	Appendix D
x	x	8.3	Section 8.3	10632(a)(3)(B)	Suppliers with an existing WSCP that uses different water shortage levels must cross reference their categories with the six standard categories.	Water shortage contingency planning	8-1	Appendix D
x	x	8.4	Section 8.4	10632(a)(4)(A)	Suppliers with WSCPs that align with the defined shortage levels must specify locally appropriate supply augmentation actions.	Water shortage contingency planning	8-2	Appendix D
x	x	8.4	Section 8.4	10632(a)(4)(B)	Specify locally appropriate demand reduction actions to adequately respond to shortages.	Water shortage contingency planning	8-3	Appendix D
x	x	8.4	Section 8.4	10632(a)(4)(C)	Specify locally appropriate operational changes.	Water shortage contingency planning	8-2	Appendix D
x	x	8.4	Section 8.4	10632(a)(4)(D)	Specify additional mandatory prohibitions against specific water use practices that are in addition to State-mandated prohibitions are appropriate to local conditions.	Water shortage contingency planning	Table 8-3	Appendix D
x	x	8.4	Section 8.4	10632(a)(4)(E)	Estimate the extent to which the gap between supplies and demand will be reduced by implementation of the action.	Water shortage contingency planning	8-2 and 8-3	Appendix D
x	x	8.4	Section 8.4.6	10632.5	The UWMP shall include a seismic risk assessment and mitigation plan.	Water shortage contingency plan	n/a	Appendix D
x	x	8.5	Section 8.5	10632(a)(5)(A)	Suppliers must describe that they will inform customers, the public and others regarding any current or predicted water shortages.	Water shortage contingency planning	n/a	Appendix D
x	x	8.5	Section 8.5	10632(a)(5)(B), 10632(a)(5)(C)	Suppliers must describe that they will inform customers, the public and others regarding any shortage response actions triggered or anticipated to be triggered and other relevant communications.	Water shortage contingency planning	n/a	Appendix D
x	n/a	8.6	Section 8.6	10632(a)(6)	Retail Supplier must describe how it will ensure compliance with and enforce provisions of the WSCP.	Water shortage contingency planning	n/a	Appendix D
x	x	8.7	Section 8.7	10632(a)(7)(A)	Describe the legal authority that empowers the Supplier to enforce shortage response actions.	Water shortage contingency planning	n/a	Appendix D
x	x	8.7	Section 8.7	10632(a)(7)(B)	Provide a statement that the Supplier will declare a water shortage emergency per Water Code Chapter 3. *Water Shortage Emergencies* .	Water shortage contingency planning	n/a	Appendix D
x	x	8.7	Section 8.7	10632(a)(7)(C)	Provide a statement that the Supplier will coordinate with any city or county within which it provides water for the possible proclamation of a local emergency.	Water shortage contingency planning	n/a	Appendix D
x	x	8.8	Section 8.8	10632(a)(8)(A)	Describe the potential revenue reductions and expense increases associated with activated shortage response actions.	Water shortage contingency planning	n/a	Appendix D
x	x	8.8	Section 8.8	10632(a)(8)(B)	Provide a description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions.	Water shortage contingency planning	n/a	Appendix D
x	n/a	8.8	Section 8.8	10632(a)(8)(C)	Retail Suppliers must describe the cost of compliance with Water Code Chapter 3.3, *Excessive Residential Water Use During Drought* .	Water shortage contingency planning	n/a	Appendix D
x	n/a	8.9	Section 8.9	10632(a)(9)	Retail Suppliers must describe the monitoring and reporting requirements and procedures that ensure appropriate data are collected, tracked, and analyzed for purposes of monitoring customer compliance.	Water shortage contingency planning	n/a	Appendix D
x	x	8.10	Section 8.10	10632(a)(10)	Describe reevaluation and improvement procedures for monitoring and evaluation the WSCP to ensure risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented.	Water shortage contingency planning	n/a	Appendix D
x	n/a	8.11	Section 8.11	10632(b)	Analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.	Water shortage contingency planning	n/a	Appendix D
x	x	8.12	Section 8.12	10632(c)	Make available the WSCP to customers and any city or county where it provides water within 30 days after adoption of the plan.	Water shortage contingency planning	n/a	Appendix D
x	n/a	9.1	Sections 9.1	10631(e)(1)	Retail Suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.	Demand management measures	n/a	Chapter 9
n/a	x	9.2	Sections 9.2	10631(e)(2)	Wholesale Suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and Supplier assistance program.	Demand management measures	n/a	Chapter 9
x	n/a	10	Chapter 10	10608.26(a)	Retail Suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets (recommended to discuss compliance).	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.2	Section 10.2.1	10621(b)	Notify, at least 60 days prior to the public hearing, any city or county within which the Supplier provides water that the Supplier will be reviewing the UWMP and considering amendments or changes to the plan.	Plan adoption, submittal, and implementation	10-1	Chapter 1
x	x	10.4	Section 10.4	10621(f)	Each urban water Supplier shall update and submit its 2025 plan to DWR by July 1, 202 6.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.2	Sections 10.2.2, 10.3, and 10.5	10642	Provide supporting documentation that the Supplier made the UWMP and WSCP available for public inspection, published notice of the public hearing, and held a public hearing about the UWMP and WSCP.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.2	Section 10.2.2	10642	The Supplier is to provide the time and place of the hearing to any city or county within which the Supplier provides water.	Plan adoption, submittal, and implementation	10-1	Chapter 1
x	x	10.3	Section 10.3.2	10642	Provide supporting documentation that the UWMP and WSCP has been adopted as prepared or modified.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.4	Section 10.4	10644(a)	Provide supporting documentation that the Supplier has submitted their UWMP to the California State Library.	Plan adoption, submittal, and implementation	n/a	Chapter 1

x	x	10.4	Section 10.4	10644(a)(1)	Provide supporting documentation that the Supplier has submitted their UWMP to any city or county within which the Supplier provides water no later than 30 days after adoption.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.4	Sections 10.4.1 and 10.4.2	10644(a)(2)	The UWMP, or amendments to the UWMP, submitted to DWR shall be submitted electronically.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.7	Section 10.7.2	10644(b)	If revised, submit a copy of the WSCP to DWR within 30 days of adoption.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.5	Section 10.5	10645(a)	Provide supporting documentation that, not later than 30 days after filing a copy of its UWMP with DWR, the Supplier has or will make the plan available for public review during normal business hours.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.5	Section 10.5	10645(b)	Provide supporting documentation that, not later than 30 days after filing a copy of its WSCP with DWR, the Supplier has or will make the plan available for public review during normal business hours.	Plan adoption, submittal, and implementation	n/a	Chapter 1
x	x	10.6	Section 10.6	10621(c)	If Supplier is regulated by the Public Utilities Commission, include its plan and contingency plan as part of its general rate case filings.	Plan adoption, submittal, and implementation	n/a	Chapter 1

APPENDIX B

Notification and Outreach Materials

1) Notice of Plan Preparation (60-Day agency letters)
2) Notice of Public Hearing for WSCP (newspaper notices)
3) Notice of Public Hearing for UWMP (newspaper notices) *
    - To be included after UWMP Adoption

TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance

PLATINUM LEVEL

President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Contra Costa County Dept. of Conservation & Development
30 Muir Road
Martinez, CA 94553

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa County Dept. of Conservation & Development:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

A Draft 2025 UWMP will be made available for public review at least 14 calendar days prior to the hearing. The District will provide a follow-up notice with the specific date, time, and location of the public hearing and a link to the Draft UWMP once it is available.

The District also plans an update to its Water Shortage Contingency Plan (WSCP) to maintain consistency with the UWMP and current guidance. The WSCP will be considered at a separate public hearing prior to the UWMP, tentatively scheduled for March 4, 2026. The Draft Amended WSCP will be made available at least 14 calendar days before that hearing, and the notice will include the specific date, time and location of the hearing.

If you have any questions or if you would like additional information, please contact Justin Shobe at justin@shobeengineering.com, or (707) 499-3855.

Sincerely,

Dina Breitstein,
General Manager

1800 Willow Lake Road • Discovery Bay • CA • 94505-9376
Telephone • 925.634.1131 • Fax • 925.513.2705
www.todb.ca.gov

TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

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PLATINUM LEVEL

President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Contra Costa LAFCO
40 Muir Road 1st Floor
Martinez, CA 94553

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa LAFCO:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

A Draft 2025 UWMP will be made available for public review at least 14 calendar days prior to the hearing. The District will provide a follow-up notice with the specific date, time, and location of the public hearing and a link to the Draft UWMP once it is available.

The District also plans an update to its Water Shortage Contingency Plan (WSCP) to maintain consistency with the UWMP and current guidance. The WSCP will be considered at a separate public hearing prior to the UWMP, tentatively scheduled for March 4, 2026. The Draft Amended WSCP will be made available at least 14 calendar days before that hearing, and the notice will include the specific date, time and location of the hearing.

If you have any questions or if you would like additional information, please contact Justin Shobe at justin@shobeengineering.com, or (707) 499-3855.

Sincerely,

Dina Breitstein,
General Manager

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TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance

President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

City of Brentwood Community Development/Planning
150 City Park Way
Brentwood, CA 94513

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear City of Brentwood Community Development/Planning:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

A Draft 2025 UWMP will be made available for public review at least 14 calendar days prior to the hearing. The District will provide a follow-up notice with the specific date, time, and location of the public hearing and a link to the Draft UWMP once it is available.

The District also plans an update to its Water Shortage Contingency Plan (WSCP) to maintain consistency with the UWMP and current guidance. The WSCP will be considered at a separate public hearing prior to the UWMP, tentatively scheduled for March 4, 2026. The Draft Amended WSCP will be made available at least 14 calendar days before that hearing, and the notice will include the specific date, time and location of the hearing.

If you have any questions or if you would like additional information, please contact Justin Shobe at justin@shobeengineering.com, or (707) 499-3855.

Sincerely,

Dina Breitstein,
General Manager

1800 Willow Lake Road • Discovery Bay • CA • 94505-9376
Telephone • 925.634.1131 • Fax • 925.513.2705
www.todb.ca.gov

TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance

PLATINUM LEVEL

President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

City of Oakley Community Development/Planning
3231 Main Street
Oakley, CA 94561

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear City of Oakley Community Development/Planning:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

A Draft 2025 UWMP will be made available for public review at least 14 calendar days prior to the hearing. The District will provide a follow-up notice with the specific date, time, and location of the public hearing and a link to the Draft UWMP once it is available.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Contra Costa County GSA
30 Muir Road
Martinez, CA 94553

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa County GSA:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

City of Brentwood GSA
150 City Park Way
Brentwood, CA 94513

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear City of Brentwood GSA:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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February 10, 2026

City of Antioch GSA
P.O. Box 5007
Antioch, CA 94509

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear City of Antioch GSA:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Diablo Water District GSA
P.O. Box 127
Oakley, CA 94561-0127

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Diablo Water District GSA:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

East Contra Costa Irrigation District GSA
1711 Sellers Avenue
Brentwood, CA 94513

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear East Contra Costa Irrigation District GSA:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Contra Costa Water District
1331 Concord Avenue
Concord, CA 94520

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa Water District:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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February 10, 2026

City of Antioch Water Department
P.O. Box 5007
Antioch, CA 94509

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

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February 10, 2026

Diablo Water District
P.O. Box 127
Oakley, CA 94561-0127

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

City of Brentwood Water Department
150 City Park Way
Brentwood, CA 94513

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear City of Brentwood Water Department:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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PLATINUM LEVEL

President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

East Contra Costa Irrigation District
1711 Sellers Avenue
Brentwood, CA 94513

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear East Contra Costa Irrigation District:

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February 10, 2026

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Byron-Bethany Irrigation District:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Contra Costa County Flood Control & Water Conservation District
255 Glacier Drive
Martinez, CA 94553

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa County Flood Control & Water Conservation District:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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President – Bryon Gutow • Vice President – Kevin Graves • Director – Ashley Porter • Director – Carolyn Graham • Director – Lesley Belcher

February 10, 2026

Reclamation District 800
1540 Discovery Bay Blvd
Suite A
Discovery Bay, CA 94505

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Reclamation District 800:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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February 10, 2026

Contra Costa County Fire Protection District
4005 Port Chicago Highway
Suite 250
Concord, CA 94520-1180

Subject: 60-Day Advance Notice of the Intent to Adopt the Town of Discovery Bay Community Services District 2025 Urban Water Management Plan

Dear Contra Costa County Fire Protection District:

This letter provides 60-day advance notice that the Town of Discovery Bay Community Services District (District) intends to consider adoption of its 2025 Urban Water Management Plan (UWMP) at a public hearing tentatively in April or May 2026. The UWMP is being prepared in accordance with California Water Code and will be submitted to the Department of Water Resources following Board adoption.

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CONTRA COSTA COUNTY
DEPT OF CONSERVATION & DEVELOPMENT
30 MUIR ROAD
MARTINEZ, CA 94553

CONTRA COSTA LAFCO
40 MUIR ROAD 1ST FLOOR
MARTINEZ, CA 94553

CITY OF BRENTWOOD
COMMUNITY DEVELOPMENT/PLANNING
150 CITY PARK WAY
BRENTWOOD, CA 94513

CITY OF OAKLEY
COMMUNITY DEVELOPMENT/PLANNING
3231 MAIN STREET
OAKLEY, CA 94561

CONTRA COSTA COUNTY GSA
30 MUIR ROAD
MARTINEZ, CA 94553

CITY OF BRENTWOOD GSA
150 CITY PARK WAY
BRENTWOOD, CA 94513

CITY OF ANTIOCH GSA
P.O. BOX 5007
ANTIOCH, CA 94509

DIABLO WATER DISTRICT GSA
P.O. BOX 127
OAKLEY, CA 94561-0127

EAST CONTRA COSTA IRRIGATION DISTRICT GSA
1711 SELLERS AVENUE
BRENTWOOD, CA 94513

CONTRA COSTA WATER DISTRICT
1331 CONCORD AVENUE
CONCORD, CA 94520

CITY OF ANTIOCH
WATER DEPARTMENT
P.O. BOX 5007
ANTIOCH, CA 94509

DIABLO WATER DISTRICT
P.O. BOX 127
OAKLEY, CA 94561-0127

CITY OF BRENTWOOD
WATER DEPARTMENT
150 CITY PARK WAY
BRENTWOOD, CA 94513

EAST CONTRA COSTA IRRIGATION DISTRICT
1711 SELLERS AVENUE
BRENTWOOD, CA 94513

BYRON-BETHANY IRRIGATION DISTRICT
7995 BRUNS ROAD
BYRON, CA 94514

CONTRA COSTA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
255 GLACIER DRIVE
MARTINEZ, CA 94553

RECLAMATION DISTRICT 800
1540 DISCOVERY BAY BLVD
SUITE A
DISCOVERY BAY, CA 94505

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT
4005 PORT CHICAGO HIGHWAY
SUITE 250
CONCORD, CA 94520-1180

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Town of Discovery Bay Community Services District will hold a public hearing on Wednesday, March 4, 2026, at 7:00 P.M. in the Discovery Bay Community Center, 1601 Discovery Bay Blvd., Discovery Bay, CA 94505. The purpose of the public hearing is to consider a Resolution to adopt amendments to the Water Shortage Contingency Plan (WSCP) to reflect current system conditions and maintain compliance with the California Water Code. The adopted WSCP will be included in the upcoming 2025 Urban Water Management Plan prepared by staff and Shobe Engineering.

Beginning February 18, 2026, the Draft Amended WSCP will be available for public review at www.todb.ca.gov.

Written comments should be submitted to the Town of Discovery Bay Community Services District no later than March 3, 2026, at 1800 Willow Lake Road, Discovery Bay, CA 94505. During the hearing, oral comments may be presented subject to time limits to allow all attendees to be heard. At the conclusion of the hearing, the Town of Discovery Bay Community Services District may decide to adopt the resolution amending the Water Shortage Contingency Plan.

For special accommodations or additional information, please contact the District at (925) 634-1131.

ECT 6948616 February 18, 25, 2026

APPENDIX C

Resolutions for Adoption

1.) WSCP Adoption Resolution
2.) UWMP Adoption Resolution *

- To be included after UWMP Adoption

TOWN OF DISCOVERY BAY
COMMUNITY SERVICES DISTRICT

RESOLUTION 2026-01

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TOWN OF DISCOVERY BAY, A CALIFORNIA COMMUNITY SERVICES DISTRICT, ADOPTING THE WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, the Town of Discovery Bay Community Services District is a public agency in the state of California; and

WHEREAS, Pursuant to the California Water Code Section §10632 each urban water supplier that provides over 3,000 acre-feet of water annually, or serves more than 3,000 urban connections is required to prepare and adopt a water shortage contingency plan (WSCP); and

WHEREAS, the Town of Discovery Bay produces 3,000 acre-feet of water annually, and serves more than 3,000 urban connections and is therefore subject to the Bill; and

WHEREAS, the Town of Discovery Bay previously adopted a WSCP on March 3, 2021; and

WHEREAS, the WSCP is part of the 2025 Urban Water Management Plan that is being prepared by the engineering firm Shobe Engineering; and

WHEREAS, the engineering firm Shobe Engineering made revisions to the WSCP to align with the 2025 Urban Water Management Plan that is currently being prepared; and

WHEREAS, the Water Code Section §10642 requires the WSCP be available for public review at least 14 calendar days prior to adopting the WSCP; and

WHEREAS, a Notice of Public Hearing to adopt the WSCP on March 4, 2026 was published in the East County Times on February 18, 2026 and February 25, 2026, and that the draft WSCP was available for public inspection and review online; and

WHEREAS, no written comments concerning the WSCP were received by the Town of Discovery Bay; and

WHEREAS, on March 4, 2026 the Board of Directors of the Town of Discovery Bay conducted a regular meeting to receive and consider public comments on the WSCP, and no substantial changes were made as a result the public discussion;

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE TOWN OF DISCOVERY BAY COMMUNITY SERVICES DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. That the Board of Directors of the Town of Discovery Bay adopts the WSCP as drafted by Shobe Engineering.
Section 2. That the WSCP is made a part of this Resolution.
Section 3. The Board Secretary shall certify the adoption of this Resolution.

PASSED AND ADOPTED THIS 4th DAY OF MARCH, 2026.

Signed by:
Bryon Gutow
D925565234BB49C...

Bryon Gutow
Board President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Directors of the Town of Discovery Bay Community Services District at a regularly scheduled meeting, held on March 4, 2026 by the following vote of the Board:

AYES: 5
NOES: 0
ABSENT: 0
ABSTENTION: 0

DocuSigned by:
Dina Breitstein
BDA6AF9F023646F...

Dina Breitstein
Board Secretary

APPENDIX D

Water Shortage Contingency Plan (2026)

Water Shortage Contingency Plan

Town of Discovery Bay Community Services District

February 10, 2026

Prepared by

Shobe Engineering
Resilient and Efficient Solutions

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APPENDICES

This Water Shortage Contingency Plan (WSCP) outlines procedures for assessing water supply shortage and establishes the protocols that will be implemented by the Town of Discovery Bay Community Services District (the District or TODB) in the event of water supply shortages. The purpose of this WSCP is to provide a plan of action to be followed at the various levels of water shortage. Appendix A includes Ordinance No. 2016-27 (Drought Regulation), which establishes the Board's authority to declare a water shortage emergency by resolution, and sets enforcement, violations, and appeals. Appendix B provides a template Board resolution for declaring a water shortage level and activating the corresponding response actions.

SECTION 1 WATER SUPPLY RELIABILITY ANALYSIS

This section provides an overview of water supply reliability per CWC Section §10635. The District relies exclusively on groundwater from the East Contra Costa Groundwater Subbasin to meet customer needs and has historically met all customer demands through prior droughts. Conditions such as catastrophic events, prolonged drought, or unforeseen impacts to groundwater and supply infrastructure, could require the activation of the WSCP.

System Snapshot (2026). The District's potable supply is produced by five active groundwater wells treated at Willow Lake and Newport water treatment plants (WTPs). Since adoption of the 2021 WSCP, infrastructure updates have included:

- Removal of Well 5A from service (removed a redundant supply well from Newport WTP),
- Added Filter 1 at Willow WTP (increased well and filter redundancy at Willow WTP), and
- Began construction of Well 8 with a stand-alone WTP, anticipated to be online mid-2026 (adds a third source of supply to the system greatly increasing reliability).

Facilities are operated in accordance with Title 22 California Waterworks Standards with sufficient well and filter supply capacity to meet the maximum day demand with the largest source offline and sufficient storage and booster capacity to meet the peak hour demands and fire flows of the system.

Reliability Framework. In accordance with CWC §10635, quantitative supply reliability under normal, single-dry, and multiple-dry conditions is documented in the Urban Water Management Plan (UWMP) – Chapter 7 Water Service Reliability & Drought Risk Assessment. That analysis incorporates current facilities and groundwater basin management information from the East Contra Costa Subbasin Groundwater Sustainability Plan (GSP).

Historically, the District's groundwater supply has not experienced shortfalls or negative impacts due to droughts, as noted in the 2022 Groundwater Sustainability Plan (*Luhdorff & Scalmanini Consulting Engineers, East Contra Costa Subbasin Groundwater Sustainability Plan, page ES*-8). Pumping in the groundwater basin is within sustainable yield and the East Contra Costa Subbasin Working Group monitors groundwater conditions annually.

Water supply reliability for the District primarily depends on maintaining the operation and capacity of infrastructure (wells, filters, boosters, storage, and pipelines). The annual assessment in this WSCP estimates available capacity from supply infrastructure, adjusted for any reasonably anticipated outages (e.g., a largest production unit offline), and compares that to projected monthly demands. Shortages would be triggered if there is not an adequate operating buffer. Overall capacity needs are determined by operations to meet maximum day and peak hour demand, as well as total monthly volumes.

SECTION 2 ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT

CWC Section §10632 (a)(2) requires written procedures to be developed to conduct an annual water supply and demand assessment (annual assessment) to determine the water system's reliability. The annual assessment needs to be completed and submitted to the California Department of Water Resources (DWR) by July 1 of each year.

A presentation to the Board of Directors will be scheduled if the annual assessment indicates a Level II or higher shortage is likely to occur in the next 12 months, or at the General Manager's discretion. If shortage actions are recommended, the Board will consider a resolution consistent with this WSCP (see Appendix B for a sample resolution). The steps to complete the annual assessment are described below.

2.1 Available Water Supply

The District will estimate available monthly production for the next 12 months from current facilities and operating constraints and will adjust month-by-month for any reasonably anticipated outages (e.g., a well or a filter train out for maintenance). If no outages are anticipated, the monthly production estimate will be the total with all units available. Production estimates assume that wells operate no more than 16 hours per day to allow an adequate operating buffer. A stress test will be noted for context showing total capacity with largest source offline.

2.2 Unconstrained Customer Demand

The District will project monthly demands for the next 12 months based on recent monthly production patterns (seasonality), adjusted for new service connections and known programmatic savings. Population or service connection factors may be used as supportive information, but the primary basis will be recent monthly production history adjusted for expected changes.

2.3 Evaluation Criteria

The District will compare available monthly production (Section 2.1) to projected monthly demand (Section 2.2) for the next 12 months. If, in any month, projected demand is within 10% of available production, District staff will recommend initiating the appropriate WSCP shortage level and response actions. If an outage of any supply source is anticipated (well or filter), this may also trigger a WSCP shortage level even if the available monthly production exceeds the demand, because this may impact operating buffers on a daily scale. If available production exceeds projected demand by more than 10% across all months, and there are no anticipated infrastructure outages, then no shortage action is required.

2.4 Planned Water Use for Current Year Considering Dry Subsequent Year

The available supply must consider potential supply impacts from a subsequent dry year. Because the District's groundwater production has not historically been constrained by a single-dry or multiple-dry year, it is assumed the available supplies will not be impacted by a subsequent dry year. The East Contra Costa Groundwater Subbasin performs annual monitoring and reporting of the basin conditions relative to sustainable management criteria (SMC). If annual reporting indicates basin conditions are impacted this would be considered in the estimate of available supplies.

2.5 Infrastructure Considerations

As noted in Section 2.3, if infrastructure projects or outages are anticipated (e.g., WTP repairs, well rehab, commissioning of Well 8), the monthly production estimate shall be adjusted accordingly. The Annual Assessment explicitly incorporates the state of infrastructure (wells, filters, boosters, storage, pipelines) and is aligned with the reliability framework in UWMP Chapter 7 and ongoing GSP coordination.

SECTION 3 STANDARD WATER SHORTAGE LEVELS

CWC Section §10632 (a)(3)(A) requires standard water shortage levels, including a level reflecting greater than a 50-percent reduction in water supply. The District utilizes six (6) water shortage levels that may be implemented during water supply shortages or in response to regional drought conditions or mandates. The Board of Directors determines and declares the shortage level by resolution, consistent with this WSCP and applicable District ordinances (e.g., Ordinance No. 2016-27, as amended).

Level I – Mild Shortage (0-10%)

Ongoing public information and voluntary water conservation. No mandatory measures. May be used as a baseline during single-year regional drought communication.

Level II – Moderate Shortage (11-20%)

Enhanced outreach regarding water conservation. Initiate selected mandatory measures and water-waste enforcement consistent with District ordinance. Typical drivers include state-imposed conservation in response to a multi-year drought, or foreseeable, short-duration operational constraints in the District's infrastructure that reduce operating buffer.

Level III – Severe Shortage (21-30%)

Expanded mandatory measures, targeting outdoor irrigation reductions, accelerated leak repair (customer & District), and consideration of temporary pricing surcharges. Typical drivers include sustained operating constraints from major infrastructure failures or maintenance activities that materially impact the ability to meet peak, daily or monthly production.

Level IV – Critical Shortage (31-40%)

Intensified measures and daily production monitoring; temporary pause on construction water and new water mains involving extensive flushing; phased rationing may be applied to match demand to available supply. Typical drivers include unexpected loss of multiple critical production units or regional emergencies.

Level V – Critical Shortage (41-50%)

Escalated restrictions and rationing focused on essential-use protection. Typical drivers include natural disasters, extended facility outages, or regional mandates.

Level VI – Catastrophic Shortage (>50%)

Maximum restrictions and emergency operations to preserve public health and safety. Typical drivers include catastrophic failures or disasters with large, immediate capacity losses.

Table 1: Water Shortage Levels

Shortage Level	Percent Shortage Range	Water Shortage Condition
1	0-10%	Mild Water Shortage
2	11-20%	Moderate Water Shortage
3	21-30%	Severe Water Shortage
4	31-40%	Critical Water Shortage
5	41-50%	Critical Water Shortage
6	>50%	Catastrophic Water Shortage

Guidance Summary:

- **Levels I–III** may be initiated when the Annual Assessment shows the production buffer narrowing due to foreseeable, planned maintenance/outages or seasonal demand increases. As a rule of thumb, if projected demand is within 10% of available production in any month, Level I–II actions will be considered.
- **Levels I-III** may also be initiated when unforeseen outages reduce the buffer or when state-imposed restrictions apply.
- **Levels IV–VI** correspond to larger unforeseen losses (e.g., multiple critical units out of service) or emergencies such as natural disasters or other catastrophic events.

SECTION 4 SHORTAGE RESPONSE ACTIONS

CWC Section §10632(a)(4) requires water suppliers to implement water shortage response actions that align with the water shortage levels and include water supply augmentation actions, demand reduction actions, operational changes, mandatory prohibitions, and an estimate of the projected water demand reduction from the action.

Actions are selected based on the declared shortage level, current operating conditions, and the state of infrastructure. These measures are scalable, may be phased within a level, and are intended to preserve essential public health and safety.

4.1 Supply Augmentation

The District relies exclusively on groundwater to meet its water supply needs and does not have access to treated surface water or existing interties. Existing wells may be rehabilitated or modified to recover capacity where feasible. Recycled water produced at the wastewater treatment plant may be evaluated for future non-potable applications; at present there is no distribution infrastructure or permit in place to support recycled water use.

4.2 Demand Reduction

The CWC requires the water supplier to implement consumption-reduction actions during the most severe levels of water shortage that can reduce water use by at least 50%. The District would implement the water consumption–reduction actions shown in Table 2. Some methods are ongoing as part of the District's demand management program; the combination and timing of measures will be tailored to the shortage level and observed effectiveness.

For Levels II–III, initial emphasis is on outdoor irrigation controls, water-waste enforcement, and accelerated leak repair (customers and District). Customer and District leak response is prioritized early, as it yields measurable savings without service disruption.

4.3 Operational Changes

During shortage conditions, the District may implement operational changes to preserve operating buffer and minimize customer impact, including:

- plant balancing between Willow, Newport, and Well 8 (once online),
- optimizing tank setpoints/booster operations,
- scheduling critical maintenance to low demand months and deferring non-critical work during peak demand periods,
- targeted flushing to meet water quality while minimizing non-revenue use,
- enhanced hydrant security, and
- improving meter accuracy/analytics (AMR/AMI where available) to detect apparent losses and notify customers of suspected leaks.

Table 2: Demand Reduction Actions

Shortage Level	Demand Reduction Actions	Estimated Reduction	Additional Explanation	Penalty or Charge
All levels	Other	0-50%	Demand Reduction Program	No
I-II	Voluntary Reductions	0-20%	Voluntary Water Use Reductions	No
I-II	Voluntary Restrictions	0-20%	Voluntary Restrictions – no waste, not enforced	No
I-II	Public Education and Outreach	0-20%	Public Outreach Measures – General guidance	No
II-VI	Water Efficient Fixtures	0-10%	Offer resources or rebates for Water Efficient Fixtures	No
II-III	Landscape - Limit landscape irrigation to specific days	10-30%	Limit 3 watering days/week	Yes
II-VI	Landscape - Prohibit certain types of landscape irrigation	20-40%	No watering parks/open spaces	Yes
II-VI	Increase Frequency of Meter Reading	10-30%	Increase meter reading to identify leaks and water waste	Yes
II-VI	Other – leak repairs	10-20%	Expedite Customer and Utility Leak Repair	No
II-VI	Pools and Spas	0-10%	Require covers for pools and spas	Yes
III-IV	Landscape - Limit landscape irrigation to specific days	30-40%	Irrigation Reduction – limit 2 watering days/week	Yes
III-VI	Public Information Campaign	10-30%	Public Outreach Measures – Specific messaging	No
III-VI	Implement or Modify Drought Rate Structure or Surcharge	30-50%	Water shortage pricing - surcharge	Yes
III-VI	Prohibitions on Water Waste	30-50%	Mandatory restrictions – increase patrols and fines	Yes
III-VI	Special Water Features	10-20%	Restrict/prohibit water for decorative ponds, lake fill, etc	Yes
III-VI	Other – penalties	30-50%	Apply penalties for excessive water use	Yes
IV-VI	Other – Construction Water Prohibitions	10-20%	Prohibit new water mains or construction water	Yes
IV-VI	Landscape - Prohibit all landscape irrigation	>50%	No landscape watering	Yes
V-VI	Other - rationing	20-50%	Mandatory water rationing, per capita allotment	Yes

4.4 Additional Mandatory Restrictions

The District may implement mandatory restrictions on specific uses during declared shortages by Board resolution under the authority of Ordinance No. 2016-27 (Appendix A) and this WSCP. Further restrictions may be adopted by Board action as shortage levels escalate (Levels IV–VI). Table 3 identifies restrictions typically applied by level.

Essential uses and variances. Public health, essential care, and fire protection are prioritized. Variances may be granted by the General Manager for public health and safety or where equivalent savings can be achieved. Hydrant use for firefighting is exempt; training flows may be curtailed in Levels III+ in coordination with the Contra Costa County Fire Protection District.

Table 3: Mandatory Restrictions

Restrictions	Level When Restriction Becomes Mandatory
Excessive outdoor watering (causing runoff to non-irrigated areas)	II, III, IV
Use of hose without a shut-off nozzle for vehicle washing	II, III, IV
Application of water to driveways or sidewalks	II, III, IV
Use of water in non-circulating fountain or water feature	II, III, IV
Require covers on pools and spas	II, III, IV
Outdoor irrigation beyond the allowed watering schedule	II, III, IV
Uncorrected plumbing leaks	III, IV
Washing cars	III, IV
Watering lawns/landscapes or filling outdoor water features, including supplemental water used in recirculating lake fill supplies	III, IV
Prohibit construction water and new water mains requiring flushing from system water	IV, V, VI

4.5 Emergency Response Plan

In the event of a catastrophic reduction in water supplies, whether natural or man-made, the District will implement its Emergency Operations Plan proportional to the cause and severity (e.g., regional power outage earthquake, flood, or other disaster). Both water treatment plants and booster stations have standby generators and automatic transfer switches, and the District maintains portable generators for groundwater pumping stations. For main breaks or other distribution failures, procedures include isolating damaged sections, customer notification, and immediate repair.

4.6 Seismic Risk Assessment and Mitigation Plan

The CWC requires the WSCP to include a seismic risk assessment and mitigation plan to assess the vulnerability of each water facility. Per CWC §10632.5(c), this requirement is met through the Contra Costa County Local Hazard Mitigation Plan (2024), which the District references for current hazard and mitigation context.

4.7 Shortage Response Action Effectiveness

CWC Section §10632(a)(4)(E) requires the water supplier (i.e., District) to estimate the projected reduction of each shortage response action to close the gap between supplies and demand. Estimated water-use reductions are shown in Table 2. The District will monitor monthly production and demands during shortage implementation and may adjust the mix or stringency of actions to achieve targeted savings.

SECTION 5 COMMUNICATION PROTOCOLS

The CWC Section §10632 (a)(5)(A) requires the District to notify all customers and stakeholders of any anticipated water shortages as result of the annual assessment. Per CWC Section §10632 (a)(5)(B), the District will also notify all customers and stakeholders if any shortage response actions are triggered pursuant to the annual assessment. In the event of an anticipated water shortage, the District will inform customers through newsletters and messages on the District's website, water bill inserts, direct mail (e.g. post cards), newspapers, quarterly newsletter (website), advertising, social media (Nextdoor, Instagram, Facebook, app), mobile electronic street sign and community workshops and meetings as shown below in Table 4.

Table 4: Communication Protocol for Each Level

Level No.	Water Supply Conditions	Communication Method
I - Voluntary	Normal to Minimum (0 to 10%)	Website update and bill footer/graphic (light-touch awareness)
II – Mandatory Conservation	Moderate (11 to 20%)	Bill Insert, Newsletter, Website
III - Rationing	Severe (21 to 30%)	Same as above plus: direct mail, newspaper, press release, advertising, social media, mobile electronic sign
IV – Intense Rationing	Critical (31 to 40%)	Same as above, plus: community workshop and meetings
V - Restrictions/Allocations	Critical (41 to 50%)	Same as above
VI - Restrictions/Allocations	Catastrophic (> 50%)	Same as above

SECTION 6 COMPLIANCE AND ENFORCEMENT

Enforcement follows a graduated approach emphasizing education first, consistent with District ordinance and due process. In accordance with the District Ordinance No. 2016-27, when a water shortage emergency is declared, the General Manager may issue a Notice of Violation to any customer that fails to comply with the conditions of the ordinance. The ordinance establishes escalating fines for repeated violations and appeals process.

During severe and critical water shortages (Levels III, IV, V and VI), there will be additional charges applied for excessive water use. During these water shortages, the General Manager may take further actions if violations continue after the one written warning, such as installing a flow-restricting device on the service line, or termination of service for repeated violations of unauthorized water use. Table 5 presents the levels during which penalties and charges take effect.

Table 5: Levels when Penalties and Charges Take Effect

Penalties or Charges	Levels When Takes Effect
Penalty for Excess Use	III-VI
Charge for Excess Use	III-VI
Flow Restriction	IV-VI
Termination of Service	V-VI

In accordance with the District Ordinance No. 2016-27, violations or fines may be appealed for reconsideration.

SECTION 7 LEGAL AUTHORITIES

Per the District Drought Regulation, Ordinance No. 2016-27, the District has the authority to implement the water response actions presented in Section 4.

The District may declare a water shortage emergency, as warranted by conditions, in accordance with CWC Sections §§350–359. The District will coordinate with Contra Costa County regarding any proclamation of local emergency under the California Emergency Services Act (Gov. Code §8558).

SECTION 8 FINANCIAL CONSEQUENCES OF WSCP

CWC Section §10632 (a)(8) requires a description of how financial impacts from demand reduction would be addressed. The District will establish an accounting system for tracking expenses and revenue shortfalls associated with voluntary and mandatory water use reductions. The District maintains reserve funds that can be used to offset expenditure impacts during times of emergency. The District may implement a

temporary shortage surcharge, if approved by the Board of Directors, to recover material revenue shortfalls; any surcharge will sunset when the shortage level is rescinded.

SECTION 9 MONITORING AND REPORTING

Per CWC Section §10632 (a)(9), the District will monitor and report on the implementation of the WSCP. Monthly water production and metered water use data will be collected, tracked and analyzed to monitor compliance and meet state reporting requirements. The District will continue monthly water production/use reporting to the State as required and maintain internal dashboards to track savings versus targets during shortage implementation.

SECTION 10 WSCP REFINEMENT PROCEDURES

Per CWC Section §10632 (a) (10), the District may choose to refine the WSCP based on monitoring and reporting of data collected. Based on analysis of the data collected, the District may choose to modify or add consumption reduction methods to more accurately meet water level targets. Any updates to the WSCP will be approved by the Board of Directors as needed to maintain an effective water shortage response plan for the community.

SECTION 11 SPECIAL WATER FEATURE DISTINCTION

Per CWC Section §10632 (b), the District shall analyze and define water features in the WSCP that are artificially supplied with water, including, ponds, fountains, etc. separately from pools and spas as defined by subdivision (a) of Section §115921 of the Health and Safety Code. Pools and spas must use potable water whereas ponds, fountains and other water features may be able to use recycled water. Recreational and decorative lakes within the TODB community utilize recirculating and storm water supply with some supplemental supply from the District's potable water system. During times of extreme water shortages (Level III and above) there will be prohibitions on Special Water Features including recirculating lake-fill supplies.

SECTION 12 PLAN ADOPTION, SUBMITTAL AND AVAILABILITY

Per the CWC, prior to adoption of the WSCP the District will:

1) Publish two newspaper notices during the 14-day public availability period announcing the hearing.
2) Post the Draft Amended WSCP online and make it available 14 days prior to the hearing.
3) Hold a public hearing to obtain public input before Board action.
4) The Board may formally adopt the WSCP after the public hearing if no substantive changes are required.
5) Within 30 days of adoption, the WSCP will be posted on the District's website.

Appendix A

Ordinance No. 2016-27 – Drought Regulation Ordinance

TOWN OF DISCOVERY BAY
COMMUNITY SERVICES DISTRICT
ORDINANCE NO. 2016-27

AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE TOWN OF DISCOVERY BAY, A CALIFORNIA COMMUNITY SERVICES DISTRICT, DROUGHT REGULATION ORDINANCE AMENDING IN ITS ENTIRETY AND RE-NUMBERING ORDINANCE NO. 25

Be it ordained by the Board of Directors of the Town of Discovery Bay Community Services District as follows:

SECTION 1. Short Title

This Ordinance shall be known and may be cited as Town of Discovery Bay Drought Regulation Ordinance ("Ordinance").

SECTION 2. Purpose

The purpose of this Ordinance is to protect the health, safety, and welfare of residents of the Town of Discovery Bay Community Services District ("District"); to continue to respond to the ongoing drought issues and to regulate water usage in the District for the purpose of conserving limited water resources.

SECTION 3. Water Shortage Emergency Declaration and Response Authority

The Board of Directors may declare a water shortage emergency by resolution upon finding that water use restrictions are necessary for the immediate protection of health and safety or as required by State law.

A water shortage emergency declaration is effective until the Board of Directors finds, and declares by resolution, that the water shortage emergency condition has abated, changed in degree, or no longer exists.

The Board of Directors has the authority to continue water conservation regulations to address water supply conditions within the District. The Board of Directors may also take additional action to prevent waste and unreasonable use of water and to further promote conservation.

SECTION 4. Water Conservation Regulations

While the District continues to be impacted by limited water supplies, the following activities are prohibited, except where necessary to address an immediate health and safety need:

1. The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;

2. The use of a hose that dispenses potable water to wash a motor vehicle except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;

3. The application of potable water to driveways and sidewalks;

4. The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system;

5. The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall;

6. The irrigation of landscapes outside of newly constructed homes and buildings with potable water in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development;

7. The irrigation of ornamental turf on public street medians with potable water;

8. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served or purchased.

SECTION 5. Enforcement

The General Manager of the District shall administer, implement and enforce the provisions of this Ordinance. Any powers or duties granted to the General Manager may be delegated by the General Manager to persons acting in the beneficial interest of or in the employ of the District.

SECTION 6. Violation

The General Manager, or his/her designee, may issue a Notice of Violation to any person, business, association, or other party who fails to comply with any conditions of this Ordinance. Any person, business, association or other party violating this Ordinance after issuance of a Notice of Violation shall be assessed a fine of $25 for a first violation, a fine of $50 for a second violation in any 6-month period, and a fine of $100 for each additional violation in any 6-month period. Fines assessed pursuant to this Ordinance may be included in the offending party's water service bill or, for unmetered accounts which do not receive a water service bill, with the water service charges collected on the county tax roll on behalf of the District. Non-payment of water service bills or water service charges collected on the county tax roll on behalf of the District, including the non-payment of any fine included therein, may result in termination of service and disconnection from the water system pursuant to District Ordinance. In addition to any other action taken by the District, the District may utilize an outside collection agency to recover unpaid fines.

Any use or activity in violation of the terms of this Ordinance is declared to be a nuisance per se, and may be abated by order of any court of competent jurisdiction. The District Board, in addition to other remedies, may institute any appropriate action or proceedings to prevent, abate, or restrain the violation. All costs, fees and expenses in connection with such action shall be assessed as damages against the violation.

SECTION 7. Appeals

Any party subject to a Notice of Violation or fine issued pursuant this Ordinance may appeal for reconsideration. Appeals for reconsideration shall be processed as follows:

1. A party appealing for reconsideration a Notice of Violation or fine issued pursuant to this Ordinance shall do so in writing to the General Manager by either using forms provided by the District or by letter setting forth in detail the reasons for the appeal.

2. The General Manager shall review all appeals for consideration and shall within fifteen (15) days of receipt of the written appeal notify the appealing party of his or her decision to deny or sustain the appeal, or to modify the Notice of Violation or fine based on the evidence presented.

3. If the appealing party disagrees with the General Manager's decision, the decision may be appealed to the Board of Directors. An appeal to the Board of Directors shall be submitted in writing to the Clerk of the Board by either using forms provided by the District or by letter setting forth in detail the reasons for the appeal. Each appeal to the Board of Directors shall be accompanied by the payment of an appeal fee of $25.00, or as set by resolution of the Board of Directors, to defray the costs of the appeal.

4. If an appeal to the Board of Directors is made, the appealing party shall be notified of a hearing date by mail. Such hearing shall be scheduled within thirty (30) days of receipt of the written appeal. A decision shall be forwarded to the appealing party within fifteen (15) days after completion of the hearing. Decisions by the Board of Directors are final.

SECTION 8. Severability

The various parts, paragraphs, section, and clauses of this Ordinance are declared to be severable. If any part, sentence, paragraph, section, or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected.

SECTION 9. Adoption and Effective Date

This Ordinance is hereby declared to have been adopted by the District Board of Directors at a meeting thereof duly called and held on the 6th day of July, 2016, and ordered to be given effect thirty (30) days after its first publication as mandated by statute.

CERTIFICATION

Passed and adopted at a regular meeting of the Board of Directors of the Town of Discovery Bay Community Services District held on July 6, 2016 by the following vote:

Bill Pease
Board President

AYES: 5
NOES: 0
ABSENT: 0
ABSTAIN: 0

Catherine Kutsuris
Board Secretary

Appendix B

Sample Resolution – Implementation of Water Shortage Level

TOWN OF DISCOVERY BAY
COMMUNITY SERVICES DISTRICT

RESOLUTION _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TOWN OF DISCOVERY BAY, A CALIFORNIA COMMUNITY SERVICES DISTRICT, ON THE IMPLEMENTATION OF LEVEL [II, III, IV, V OR VI] OF THE WATER SHORTAGE CONTINGENCY PLAN AS ADOPTED ON [DATE]

WHEREAS, on [DATE], by Resolution _____, The Board of Directors of the Town of Discovery Bay Community Services District approved the Water Shortage Contingency Plan; and

WHEREAS, the 2025 Urban Water Management Plan (UWMP) includes the adopted Water Shortage Contingency Plan as Department of Water Resources (DWR); and

WHEREAS, based on the DWR requirements included in the DWR 2025 UWMP Guidebook the approved Water Shortage Contingency Plan defines six (6) levels of water supply shortage and corresponding actions to reduce consumption by more than 50% during a water shortage emergency; and

WHEREAS, the approved Water Shortage Contingency Plan enables the Board of Directors to declare a water shortage level I – VI when a water shortage condition or emergency prevails within the water service area of the Town of Discovery Bay; and

WHEREAS, based on current water supply conditions [*describe water supply shortage condition lead that is currently prevailing*] it is necessary to implement a Level [II, III, IV, V or VI] water shortage of the Town of Discovery Bay's Water Shortage Contingency Plan. The water conservation measures and water use restrictions for Level [II, III, IV, V or VI] are described in the attached Water Shortage Contingency Plan. Implementation of Level [II, III, IV, V or VI] shall be cumulative and shall include implementation of all previous provisions listed in Level [II, III, IV, V or VI]; and

WHEREAS, the General Manager is hereby authorized and empowered to delegate his or her authority hereunder to such assistants, deputies, officers, employees, or agents of the Town of Discovery Bay as he or she shall designate, and to establish such rules, regulations and procedures, and to prepare or furnish such forms, as he or she deems necessary or appropriate to carry out the provisions of the Resolution; and

WHEREAS, this Resolution shall be effective upon its adoption, and shall remain effective until the water shortage conditions are resolved, in which case this Resolution shall be rescinded, or until conditions worsen, thus requiring additional action by the Board of Directors, in which case a subsequent Resolution will be considered for adoption.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Town of Discovery Bay that Level [II, III, IV, V or VI] of the Water Shortage Contingency Plan is hereby adopted.

PASSED, APPROVED AND ADOPTED THIS [day] DAY OF [month], [year] by the following vote: