

KINNELOA IRRIGATION DISTRICT

Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, May 27, 2025
3:00 P.M.

AGENDA

This meeting will be conducted at the District office in accordance with the Brown Act and AB 2449. Public comment may be made in person or submitted via email to gm@kidwater.info prior to the meeting, any information submitted will become part of the official record. The public may participate at the office or via computer or telephone using the following information:

<https://us02web.zoom.us/j/85061795151?pwd=QURaWGV5Lzg3dmEvcGx1Ujl6akRHdz09>

Meeting ID: 850 6179 5151

Passcode: 156331

Telephone: 669 900 9128

1. CALL TO ORDER – 3:00 P.M.

- a. Declaration of a quorum
- b. Review of agenda

2. PUBLIC COMMENT – Comments from the Public regarding items on the Agenda or other items within the jurisdiction of the District

In compliance with the Brown Act, the Board cannot discuss or act on items not on the Agenda. However, Board Members or District Staff may acknowledge Public comments, briefly respond to statements or questions posed by the Public, ask a question for clarification, or request Staff to place item on a future Agenda (Government Code section §54954.2)

3. REVIEW OF MINUTES – April 22, 2025, Regular Meeting

Recommended Action: Review and approve motion to file.

4. REVIEW OF FINANCIAL REPORTS – April 2025

Recommended Action: Review and approve motion to file.

5. RESOLUTION OF APPRECIATION

Recommended Action: Approve Resolution 2025-05-27-1 regarding Recognition and Appreciation of Service by Bernadette Allen.

6. ADOPTION OF LOS ANGELES COUNTY WATER PLAN

Recommended Action: Approve Resolution 2025-05-27-2 to adopt the Los Angeles County Water Plan

7. INFORMATION ITEMS

- a. Water Loss Audit – April*
- b. Water Quality Testing and Reporting – April 2025*
- c. DDW Water System Permit Amendment No. 1910035PA-001*
- d. FEMA PA Status for Eaton Fire Damages – Damage Inventory Submitted 5/23/25
- e. Hazard Mitigation Grant Program Application – Notice of Interest Due 5/29/25
- f. FY2026 Appropriations Request for Brown-Glen Project
- g. PWP Pasadena Ranch Top Interconnection Status
- h. Old Grove Road in Pasadena Glen, Private Road Damage, impacts to KID assets
- i. Customer Outreach/Newsletter – May 2025

- j. FMWD Las Flores Assimilation and Consolidation Discussion
- k. Old K3 Well Pumping Line Permanent Abandonment
- l. SCE Litigation Status

8. GENERAL MANAGERS REPORT – Information item presented by the General Manager.
General Manager to summarize the report and respond to questions.

9. AD HOC PLANNING COMMITTEE REPORT – Information item presented by the Committee Chair.

10. DIRECTOR REPORTS AND/OR COMMENTS –

In accordance with Government Code §54954.2 Directors may make brief announcements or brief reports on their own activities. Directors may ask a question for clarification, provide a reference to staff or other resources for information, request staff to report back to the Directors at a subsequent meeting, or act to direct staff to place a matter of business on a future agenda.

11. CALENDAR – Upcoming regular meetings: June 24, 2025; July 22, 2025; August 26, 2025

12. ADJOURNMENT

In compliance with the Americans with Disabilities Act, if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please contact the District office 48 hours prior to the meeting at 626-797-6295. Each item on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Material related to an item on this agenda submitted after distribution of the agenda packet is available for public review at the District office or online at the District's website <https://kinneloairrigationdistrict.info>.

KINNELOA IRRIGATION DISTRICT

Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, April 22, 2025, 3:00 P.M.
MINUTES

The meeting was conducted in the District Board Room and by teleconference in accordance with the Brown Act and AB 2449. The District offered the public the option to attend the meeting by telephone, videoconference or in-person as stated in the agenda.

DIRECTORS PRESENT: (In-Person): Gordon Johnson, William Opel, John Feliton, Timothy Eldridge

DIRECTORS ABSENT: Stephen Brown

STAFF PRESENT: (In-Person): Tom Majich, General Manager (GM); Chris Burt

PUBLIC PRESENT: Stephen Brown (attended via teleconference as member of the public); Frank Colcord, Director, Foothill Municipal Water District

1. CALL TO ORDER:

Secretary Johnson called the meeting to order at 3:00 P.M. and took roll call. A quorum of Board Members was present and reviewed the agenda.

2. PUBLIC COMMENT: Frank Colcord noted he wishes to speak on Agenda Item 9.

3. REVIEW OF MINUTES:

Director Eldridge motioned to approve the **March 25, 2025 Regular Meeting** Minutes for filing, subject to a noted correction on Directors in attendance, and was seconded by Director Feliton. It was motioned/seconded/carried unanimously – (Eldridge / Feliton - 4 Aye / 0 Nay / 1 Absent)

4. REVIEW OF MINUTES:

Director Eldridge motioned to approve the **April 8, 2025 Special Meeting** Minutes for filing and was seconded by Director Feliton. It was motioned/seconded/carried – (Eldridge / Feliton - 3 Aye / 0 Nay / 1 Absent / 1 Abstain - Opel)

5. REVIEW OF FINANCIAL REPORTS:

The General Manager presented the March 2025 financial reports. Director Opel motioned to approve the reports for filing and was seconded by Director Eldridge. It was motioned/seconded/carried unanimously – (Opel / Eldridge – 4 Aye / 0 Nay / 1 Absent)

6. INFORMATION ITEMS:

- a. The General Manager reviewed the revised February 2025 water loss report and the March 2025 water loss report.
- b. The General Manager reviewed the March 2025 report on water quality testing.
- c. The GM reviewed a list of all the emergency repair projects completed in 2024.
- d. The GM noted that post-Eaton Fire water quality monitoring is ongoing per a plan submitted to DDW and that all tests so far, including repeat tests have been absent for fire related contaminants.
- e. The GM noted that the FEMA Public Assistance process is ongoing with damages being identified and site visits being scheduled with FEMA and CalOES
- f. The General Manager noted that the Ranch Top Interconnection with Pasadena Water and Power (PWP) is now in use with PWP pumping daily into the Vosburg Reservoir.
- g. The GM provided an update on the temporary water main being installed on Old Grove Road as the primary distribution main is exposed due to roadway and drainage system failures.
- h. The finalized 2025 District Goals and Objectives as approved at the prior Board meeting were reviewed.
- i. The General Manager noted that the Division of Drinking Water (DDW) issued its Sanitary Survey Report to the District on 3/20/25 following its site visit in February 2024. The GM will work with District staff on responsive actions and provide an update at the April board meeting on progress in addressing deficiencies and responding to DDW.
- j. The customer newsletter will be prepared by the GM and Director Brown and issued prior to the next board meeting.

7. GENERAL MANAGER'S REPORT:

The General Manager presented the monthly report on District activities and water supply and production. A year-to-date summary of the Watermaster Year ending June 2025 was reviewed.

8. AD HOC PLANNING COMMITTEE REPORT:

No report was given as the committee did not meet in the prior month.

9. FOOTHILL MUNICIPAL WATER DISTRICT ASSIMILATION OF LAS FLORES WATER COMPANY OPERATIONS:

The GM circulated a draft letter addressed to the President of the Board of Directors of the Foothill Municipal Water District (FMWD) noting various areas of concern regarding the proposal from Las Flores Water Company being considered by FMWD. FMWD Director Colcord made public comment regarding the progress of the FMWD Ad Hoc Committee

established to deal with this issue and answered various question from KID Directors. Mr. Colcord also noted that the FMWD Board, at its meeting on 4/21/25, took action to extend an invitation to all Foothill retail agencies to participate in a third party facilitated discussion regarding potential consolidation of various retail agencies. Director's Johnson and Opel had suggested edits to the letter as drafted by the GM. Director Eldridge motioned to approve the letter as revised and direct the GM to send the letter to the FMWD Board of Directors and was seconded by Director Feliton. Stephen Brown, attending as a member of the public, noted that if he were attending as a Director, he would vote in favor of issuing the letter to FMWD. It was motioned/seconded/carried unanimously – (Eldridge / Feliton - 4 Aye / 0 Nay / 1 Absent)

10. DIRECTOR REPORTS AND/OR COMMENTS:

Director Feliton asked the GM to find out any further details regarding the upcoming field trip of Metropolitan Water District (MWD) facilities hosted by the Foothill Municipal Water District (FMWD) on Friday, May 2, 2025. The GM will follow up with FMWD management for further details.

11. CALENDAR: Upcoming regular meetings: May 27, 2025; June 24, 2025; July 22, 2025.

12. ADJOURNMENT:

Chairman Brown adjourned the meeting at 4:50 P.M.

Prepared and submitted by,

**Tom Majich
General Manager**

RESOLUTION 2025-05-27-1

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE KINNELOA IRRIGATION DISTRICT
EXPRESSING APPRECIATION TO BERNADETTE ALLEN FOR HER SERVICE**

WHEREAS, Bernadette Allen has served with great diligence and distinction as a valued member of the Kinneloa Irrigation District staff since 2012; and

WHEREAS, throughout her years of service, Mrs. Allen has devoted herself to ensure the success of the Kinneloa Irrigation District; and

WHEREAS, Mrs. Allen has served as a key member of the District staff from 2012 through 2025, addressing major challenges where continuity was critical, particularly during the COVID-19 pandemic and the onboarding of a new General Manager in 2023; and

WHEREAS, the Board wishes to formally recognize the dedication, outstanding judgment, leadership, and deep commitment Mrs. Allen has brought to District operations.

NOW THEREFORE BE IT RESOLVED, the Board of Directors of the Kinneloa Irrigation District hereby expresses its appreciation to Bernadette Allen for her dedicated and diligent service as a valued employee of the Kinneloa Irrigation District, and

BE IT FURTHER RESOLVED, that this Resolution be published on the website of the Kinneloa Irrigation District.

PASSED, APPROVED AND ADOPTED THE TWENTY-SEVENTH DAY OF MAY 2025.

SIGNED:

STEPHEN H. BROWN, Chairman
Board of Directors of the Kinneloa Irrigation District

ATTEST:

TIMOTHY J. ELDRIDGE, Treasurer
Board of Directors of the Kinneloa Irrigation District

LOS ANGELES COUNTY
WATER PLAN

2023 Edition | Water Supply Resilience

equity
sustainability
opportunity
local
water
resources
collaboration
relationships
regional
resilience



LA COUNTY WATER PLAN EXECUTIVE SUMMARY

OUR ROUTE TO RESILIENCE, TOGETHER

Climate change is establishing a “new normal” of more frequent and intense droughts, as well as less frequent and more torrential rains. Recognizing a new climate reality and the need to be thoughtful stewards of future water supplies, the Los Angeles County Board of Supervisors envisioned the development of a countywide water plan focused on collaborative management of Los Angeles County’s water resources. Los Angeles County Public Works (Public Works) developed this Los Angeles County Water Plan (CWP), together with water resources organizations, and an array of diverse stakeholders, to secure Los Angeles County’s water future and achieve our collective vision of equitable and sustainable water resources for everyone. The CWP builds upon the 2019 OurCounty Sustainability Plan, establishing the path to realizing our vision that is rooted in cross-sector collaboration and coalition building.

VISION

The CWP articulates a shared, inclusive, regional path forward to sustainably and equitably achieve safe, clean, and reliable water resources for Los Angeles County.

SHARED OPPORTUNITIES FOR WATER RESILIENCE

THE CWP FOCUSES ON ACHIEVING REGIONAL WATER RESILIENCE THROUGH COLLABORATIVE STRATEGIES. Over 200 agencies in Los Angeles County manage a complex network of water systems to meet the needs of our communities and environment. To achieve sustainability, resilience, and equity, cross-sector teamwork and a holistic approach to best leverage natural systems and infrastructure are essential. This plan is a living document. The targets, strategies, and actions are a starting point in this effort.

The CWP is not intended to address every water-related issue in Los Angeles County. Instead, it builds upon and complements the many existing local and regional water planning efforts by focusing on four key focal areas where new or additional regional collaboration can add value. These four key focal areas were established through a gaps analysis, which included a review of local and regional planning documents, along with initial stakeholder discussions encompassing a variety of perspectives. For each of the four key focal areas, the CWP describes shared desired outcomes, identified by Public Works through discussions with numerous groups and individuals. During our gaps analysis, Public Works evaluated disparities in water resilience throughout the County and specifically selected a focal area to address a pressing need. The CWP provides an approach for achieving these desired outcomes through collaboration and a platform for measuring progress.

CWP Four Key Focal Areas



REGIONAL WATER SUPPLY RELIABILITY

Improving regional water supply reliability by better leveraging our collective local and imported water resources and infrastructure.



GROUNDWATER MANAGEMENT AND QUALITY

Realizing our shared groundwater management opportunities by sharing expertise and resources to overcome challenges.



SMALL, AT-RISK SYSTEM RESILIENCE AND DRINKING WATER EQUITY

Ensuring a consistently high standard of water service for everyone in Los Angeles County by providing regional support for small systems, with focused attention to under-resourced communities.



WATERSHED SEDIMENT MANAGEMENT

Mitigating the impacts of wildfire on our water supplies through coordinated efforts between land and water managers.

REGIONAL STRATEGIES, REGIONAL BENEFITS

The CWP is organized around a framework of targets and strategies, which are supported by specific actions. Targets measure collective progress toward the shared desired outcomes for the key focal areas of the CWP. These targets are intended to help Los Angeles County achieve regional water resilience by 2045. See Chapter 2 for more on targets. Public Works will publish an interactive dashboard to track progress toward these targets. Strategies provide the overarching approaches to achieving the targets. Actions support the strategies and include specific steps to drive results, along with timing, responsible agencies, and potential participants.

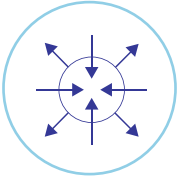
Strategies for a Resilient Water Future



STRATEGY 1
Achieving the most efficient water use possible countywide



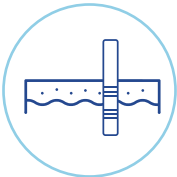
STRATEGY 2
Collaborating on consistent drought preparedness and response messaging



STRATEGY 3
Coupling local supply development with regional conveyance



STRATEGY 4
Managing salt and concentrate regionally



STRATEGY 5
Leveraging regional groundwater storage potential



STRATEGY 6
Collaborating on water quality needs and treatment technologies



STRATEGY 7
Enhancing cost-effectiveness of pumping and treating impaired groundwater



STRATEGY 8
Protecting coastal groundwater basins from seawater intrusion



STRATEGY 9
Facilitating regional groundwater recharge understanding and initiatives



STRATEGY 10
Facilitating natural infiltration of precipitation



STRATEGY 11
Providing regional support for small, at-risk water systems



STRATEGY 12
Mitigating wildfire effects on water supply and quality



STRATEGY 13
Managing invasive species in riparian areas



STRATEGY 14
Facilitating sediment management and debris removal from flood control facilities

VALUES GUIDING FUTURE ACTION

At the onset of CWP development, Public Works proactively reached out to a diverse group of stakeholders to understand what matters to them. We identified several broad, overarching values for the CWP through these conversations. Some of these values provided core tenets to our overall process for preparing the CWP. Others guided us in establishing targets, strategies, and actions. Other values, while not directly addressed through the actions in the CWP, will continue to inform how water resource management is approached to achieve sustainable and equitable outcomes. Each of these values will guide future iterations of the plan, as well as steps taken throughout CWP implementation.

These values are aligned with LA County's Anti-Racism, Diversity, and Inclusion (ARDI) Initiative, which aims to guide the County by offering training and capacity building; technical assistance and planning; policy analysis and development; data collection; analysis and reporting; community, tribal, and other stakeholder engagement; and equity-infused resourcing and programming to help reach its goals.

CWP VALUES

- Strive for equitable benefits and impacts of water resource management decisions
- Ensure inclusive, diverse, multigenerational, and sustained tribal and community engagement
- Use data to inform policies, priorities, and practices
- Encourage multi-benefit projects and green infrastructure
- Promote capacity building of a local, skilled workforce
- Incorporate tribal knowledge into water management
- Integrate the knowledge and experiences of local communities in water planning
- Ensure CWP is actionable and adaptable
- Address climate resiliency
- Establish clear communications (outline priorities, listen, incorporate feedback, maintain dialogue)
- Implement vegetated/nature-based solutions



The CWP outlines a path to achieve a resilient water future for all Los Angeles County residents. Everyone has a role in successfully realizing the CWP. By working across County departments and with other partners, actively engaging Tribes and other stakeholders, seeking funding to support CWP implementation, and tracking and reporting on progress, we are committed to facilitating the ongoing collaboration that is core to making the CWP successful.

CENTRAL THEMES FOR A PATH AHEAD

To lead the way on regional initiatives, the CWP was developed with resilience, equity, sustainability, and engagement as central themes. These themes will guide CWP implementation and its future iterations to create reliable water resources for all communities in Los Angeles County.

RESILIENCE

Water resilience refers to the capacity of communities and the environment to adapt to changes in the availability of water resources resulting from extreme and shifting weather patterns, as well as other stressors.

EQUITY

Water equity entails ensuring that all people and communities can depend on water management institutions and infrastructure to provide equal access to clean, safe, high-quality, and affordable water.

SUSTAINABILITY

Sustainable water management involves using water resources in a manner that fulfills current ecological, social, and economic needs without compromising the ability to meet those needs in the future.

ENGAGEMENT

Engagement means actively reaching out to and collaborating with a diverse and representative range of stakeholders to develop and implement water management policies and programs.

A FORWARD-LOOKING LIVING DOCUMENT

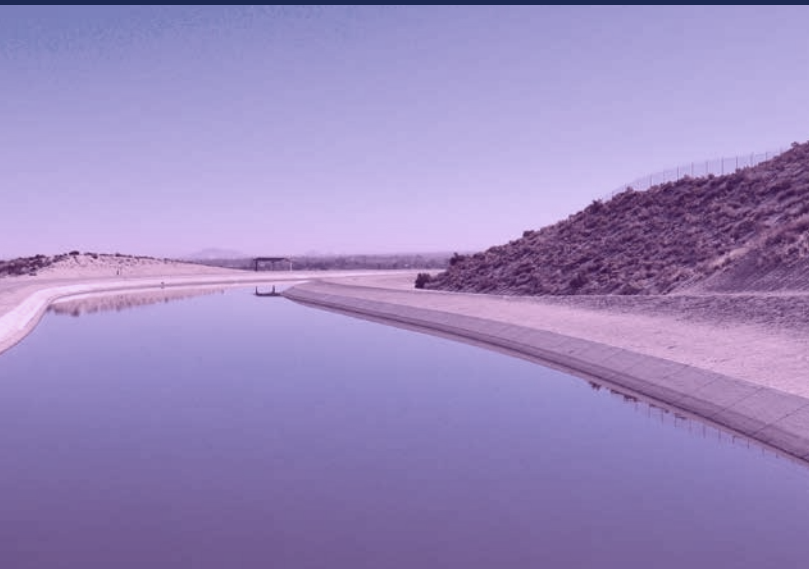
THE CWP IS A LIVING DOCUMENT. This inaugural 2023 Edition of the CWP marks the first iteration for this regional planning effort and focuses on water supply resilience. As a living document, future iterations of the CWP are intended to evolve and adapt to meet Los Angeles County’s changing water resources needs.

WHAT IS IT? The CWP is a forward-looking strategic plan that crafts a vision for the region’s water resources management. The CWP articulates strategies to align efforts both small and large in order to launch Los Angeles County on a successful path towards water supply resilience.

WHO IS IT FOR? Water knows no city or county boundaries. The CWP is a plan for the County region as a whole, not a single locality or governing body. The CWP was developed to serve – collaboratively with local agencies and stakeholders – the people and communities of Los Angeles County.

THE CWP FILLS CURRENT GAPS TO ENHANCE THE REGION’S WATER RESILIENCE. Recognizing that there are so many ambitious efforts already underway in Los Angeles County, the CWP takes a bird’s-eye view on what else can be done to optimize, leverage, and align programs and processes. While the CWP does not attempt to reinvent the wheel or address every water-related issue, it complements existing efforts and fills in the gaps for matters not currently being addressed at a regional level. The CWP does not address activities best managed at the Federal, State, or local levels, nor does it recommend specific projects subject to environmental analysis or duplicate other ongoing efforts. As a strategic plan, the CWP does not supersede land use plans that have been adopted by the Board of Supervisors.

LA COUNTY
WATER PLAN



equity

local

resilience

sustainability

opportunity

water

resources

collaboration

relationships

regional

LA COUNTY
WATER PLAN

LACountyWaterPlan.org

Prepared by LA County Public Works with support from Woodard & Curran | December 2023

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RESOLUTION 2025-05-27-2

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE KINNELOA IRRIGATION DISTRICT TO ADOPT THE LOS ANGELES COUNTY WATER PLAN

WHEREAS, Evolving weather patterns are establishing a “new normal” of more frequent and intense droughts, as well as less frequent and more torrential rains; and

WHEREAS, Recognizing this new reality and the need to be thoughtful stewards of future water supplies, a water resilience plan focused on collaborative management of the region’s water resources was developed by Los Angeles County Public Works in partnership with other agencies, stakeholders, and tribes; and

WHEREAS, the Kinneloa Irrigation District is desirous of collaborating with Los Angeles County Public Works, local water agencies and an array of stakeholders, to help secure the region’s water future; and

WHEREAS, this collaborative effort produced a water resilience plan known as the Los Angeles County Water Plan; and

WHEREAS, The Los Angeles County Water Plan articulates a regional path forward to sustainably and equitably achieve safe, clean, and reliable water resources for Los Angeles County; and

WHEREAS, the Kinneloa Irrigation District has reviewed the Los Angeles County Water Plan and affirms that the plan may suggest and recommend strategies such that the region has resilient, sustainable, and equitable water resources to meet its demand, particularly, during times of scarcity or crisis; and

WHEREAS, The Los Angeles County Water Plan was adopted unanimously by the Los Angeles County Board of Supervisors on December 5, 2023.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Kinneloa Irrigation District hereby:

1. Adopts the Los Angeles County Water Plan as a guiding document to inform but not govern pertinent and relevant aspects of Kinneloa Irrigation District’s water resilience strategies.
2. Authorizes and empowers the General Manager of the Kinneloa Irrigation District or designee to continue collaborating and pursuing regional water resilience with the Los Angeles County Public Works and other water resource organizations, and engaging stakeholders regarding matters related to the Los Angeles County Water Plan.

PASSED, APPROVED AND ADOPTED THE TWENTY-SEVENTH DAY OF MAY 2025.

STEPHEN H. BROWN, Chairman
Board of Directors of the Kinneloa Irrigation District

TIMOTHY J. ELDRIDGE, Treasurer
Board of Directors of the Kinneloa Irrigation District

System Water Loss Audit - April 2025

Subeca Read Date	3/31/25	4/30/25				
Subeca Read Time	7:57	8:22			Variance	
	Level	Level	Variance	Gal/Foot	Gallons	
Eucalyptus Reservoir	19.89	20.58	0.69	8,410.00	5,802.90	
Sage Tank	21.54	21.54	-	10,000.00	-	
West Tank	20.56	20.48	(0.08)	22,124.00	(1,769.92)	
Wilcox Reservoir	17.49	17.49	-	65,739.00	-	
Holly East	21.54	18.01	(3.53)	6,388.00	(22,549.64)	
Holly West	17.76	14.24	(3.52)	7,610.00	(26,787.20)	
Glen Reservoir	13.93	11.36	(2.57)	7,812.00	(20,076.84)	
Brown Reservoir	15.09	12.38	(2.71)	7,812.00	(21,170.52)	
Vosburg Reservoir	13.24	12.46	(0.78)	22,800.00	(17,784.00)	
East Tank	16.10	16.05	(0.05)	6,976.00	(348.80)	
			TANK VOLUME CHANGE		(104,684)	gallons
			TOTAL GROUNDWATER PRODUCED		16,737,248	gallons
			PWP IMPORT		1,795,948	gallons
			PWP EXPORT		(3,830,732)	gallons
			NET KID SYSTEM DEMAND		14,807,148	gallons
					19,796	CCF
			Metered Sales		16,206	CCF
			Loss		3,590	CCF
			Loss		2,685,060	gallons
			Loss %		18.1%	
			Previous Month Loss%		21.9%	
			YTD System Demand		41,373	
			YTD Metered Sales		33,540	
			YTD Loss %		18.93%	

WATER SAMPLE RESULTS SUMMARY APRIL 2025

SAMPLE DATE	LAB	SOURCE OR DISTRIBUTION	TEST ANALYSIS	DESCRIPTION	# SAMPLES	# TESTS	RESULTS	COMMENTS
4/2/2025	Clinical	Distribution	Bacteriological	Total Coliform, E.coli	6	12	ND	
4/2/2025	Clinical	Distribution	General Physical	Color, Odor, Turbidity	6	18	< MCL	Color, odor, turbidity are regulated by a secondary standard to maintain aesthetic qualities such as taste, smell, & appearance.
4/2/2025	Clinical	Distribution	Field	Chlorine Residual	6	6	1.13 - 1.70mg/L	District permit requires Chlorine Residual to be > 0.5 mg/L.
4/2/2025	Clinical	Source*	Bacteriological	Total Coliform, E.coli	2	4	ND	1st week sources tested are groundwater source wells - Kinneloa #3 Well & Wilcox Well.
4/2/2025	Clinical	Source*	Title 22s - Fluoride	Fluoride	2	2	1.2-1.6	CA Fluoride MCL is 2.0 mg/L. Kinneloa #3 Well and Wilcox Well were analyzed for Fluoride
4/7/2025	Weck - Stetson	Distribution	DDW Post Eaton Fire - Asbestos Cement	Asbestos	3	3	ND	Post Eaton Fire AC sampling required by DDW.
4/7/2025	Weck - Stetson	Distribution	DDW Post Eaton Fire - VOCs	Volatile Organic Compounds (VOCs) - Benzene	16	1040	ND	Post Eaton Fire VOC (volatile organic compounds) sampling required by DDW. 16 samples were analyzed for volatile organic compounds (VOCs). Each sample was tested for 65 VOCs
4/11/2025	Weck - Stetson	Source*	DDW Post Eaton Fire - VOCs	Volatile Organic Compounds (VOCs) - Benzene	2	130	ND	Post Eaton Fire VOC (volatile organic compounds) sampling required by DDW. 2 samples were analyzed at K3 Well and Wilcox Well for volatile organic compounds (VOCs). Each sample was tested for 65 VOCs
4/15/2025	Clinical	Distribution	Bacteriological	Total Coliform, E.coli	6	12	ND	
4/15/2025	Clinical	Distribution	Field	Chlorine Residual	6	6	0.81 - 1.32 mg/L	District permit requires Chlorine Residual to be > 0.5 mg/L.
4/15/2025	Clinical	Source*	Inhouse Testing - Bacteriological	Total Coliform, E.coli	2	4	1 positive	Inhouse bacteriological testing completed on groundwater source wells Eucalyptus Tunnel & Far Mesa Tunnel. Results show Eucalyptus Tunnel was positive for T.Coliform, ND for E.Coli. Far Mesa results show ND for both T.Coliform and E.Coli. Both tunnels are currently diverted to spreading.
4/15/2025	Clinical	Source*	Inhouse Testing - Fluoride	Fluoride	2	2	1.9-2.6	Inhouse fluoride testing completed on groundwater source wells Eucalyptus Tunnel & Far Mesa Tunnel. Both tunnels are currently diverted to spreading.
Total Samples					59	1239		

NOTES:

*All source groundwater tunnels were diverted to spreading on 12/01/2023. Delores Tunnel was turned into the system on 5/1/24 and again diverted to spreading on 1/7/25 due to Eaton Fire damage. As of 1/7/2025, all source groundwater tunnels are diverted to spreading. Currently, the District is analyzing Eucalyptus & Far Mesa tunnels during the 3rd week of the month for bacteriological quality.

< MCL = less than Maximum Contaminant Level, ND = not detected, mg/L = milligrams per liter, ug/L = micrograms per liter, A = Absence

State Water Resources Control Board Division of Drinking Water

April 30, 2025

Mr. Tom Majich
General Manager
Kinneloa Irrigation District
1999 Kinclair Drive
Pasadena, CA 91107

Dear Mr. Majich:

WATER SYSTEM NO. 1910035 – Permit Amendment No. 1910035PA-001

On December 5, 2024, the Kinneloa Irrigation District (District) submitted a permit amendment application to the Division of Drinking Water (Division) for the purpose of changing the status of existing Eucalyptus Tunnel (PS Code: CA1910035_003_003), House Tunnel (PS Code: CA1910035_008_008), and High/Low Pressure Tunnels (PS Code: CA1910035_007_007) from active to standby.

Eucalyptus Tunnel is currently out of service due to frequently testing positive for total coliform. House Tunnel has originally been taken out of service as part of the District's response to the December 13, 2023 expiration of the fluoride variance due to high fluoride levels. House Tunnel also later tested positive for total coliform and *E. coli* on June 18, 2024. High/Low Pressure Tunnels is currently out of service due to testing positive for *E. coli* and until the issue is resolved. Reportedly, as a result of the 2025 Eaton Fire, the raw water transmission lines for High/Low Pressure and House Tunnel were damaged. The District currently has no intention of using Eucalyptus Tunnel, House Tunnel, or High/Low Pressure Tunnels as active sources of supply but intends to keep them as standby sources.

The Division is hereby issuing Permit Amendment 1910035PA-001 approving the above-mentioned status changes. A copy of Permit Amendment 1910035PA-001 can be found in Enclosure 1. As a result of the changes, the Division has also adjusted Eucalyptus Tunnel's, House Tunnel's, and High/Low Pressure Tunnel's required water quality monitoring frequencies and assigned each a new source class code – SB05. The District shall now monitor Eucalyptus Tunnel, House Tunnel, and High/Low Pressure Tunnels in accordance with the enclosed updated 2023 – 2025 Vulnerability Assessment and Monitoring Frequency Guidelines (VAMFG) for SB05 (Enclosure 2).

E. JOAQUIN ESQUIVEL, CHAIR | ERIC OPPENHEIMER, EXECUTIVE DIRECTOR

500 North Central Avenue, Suite 500, Glendale, CA 91203 | www.waterboards.ca.gov

Please acknowledge that you have received *Permit Amendment No. 1910035PA-001* and your willingness to comply with its permit conditions, in writing, within 15 calendar days.

If you have questions about *Permit Amendment No. 1910035PA-001*, then please contact Kurtis Lee at (818) 551-2015 or me at (818) 551-2022.

Sincerely,



Dmitriy Ginzburg, P.E.
District Engineer
Hollywood District

Enclosures: 1. District Permit Amendment No. 1910035PA-001
2. Updated 2023 – 2025 Vulnerability Assessment and Monitoring
Frequency Guidelines (VAMFG) for SB05

Cc: John Feliton, Board of Directors

Stephen Brown, Board of Directors

Gordon Johnson, Board of Directors

Timothy Eldridge, Board of Directors

William Opel, Board of Directors

Melanie Timoteo, Administrative Assistant

ENCLOSURE 1

Permit Amendment 1910035PA-001

**State Water Resources Control Board
Division of Drinking Water**

PERMIT AMENDMENT 1910035PA-001

Kinneloa Irrigation District

Los Angeles County

System No. 1910035

April 30, 2025

STATE OF CALIFORNIA

**AMENDMENT TO THE
DOMESTIC WATER SUPPLY PERMIT**

Issued To

Kinneloa Irrigation District

Public Water System Number – 1910035

By The

**State Water Resources Control Board
Division of Drinking Water**

FULL PERMIT: **04-07-05P-005**

EFFECTIVE DATE: **07/18/2005**

PERMIT AMENDMENT: **2017PA-SCHOOLS**
PERMIT AMENDMENT: **1910035PA-001**

EFFECTIVE DATE: **01/17/2017**
EFFECTIVE DATE: **04/30/2025**

WHEREAS:

- I. The **Kinneloa Irrigation District** (District) submitted a permit amendment application dated December 5, 2024, to the **Division of Drinking Water** (Division) to amend its Domestic Water Supply Permit that was issued to the District by the Division on July 18, 2005.
- II. The purpose of the permit amendment is to allow the District to make the following changes to its water system:
 - To change the status of Eucalyptus Tunnel from active to standby.***
 - To change the status of House Tunnel from active to standby.***
 - To change the status of High/Low Pressure Tunnels from active to standby.***
- III. The District has submitted the supporting information required to evaluate the application.

- IV. The Division has evaluated the application and the supporting materials and has determined that the proposed change will comply with the Division's drinking water standards and requirements.

THEREFORE:

- I. The Division approves the District's permit amendment application and will amend its Domestic Water Supply Permit as follows:

The status of Eucalyptus Tunnel is changed from active to standby.

The status of House Tunnel is changed from active to standby.

The status of High/Low Pressure Tunnels is changed from active to standby.

- II. This permit amendment is subject to the following conditions:

PERMIT CONDITIONS

General

1. This document amends and adds to the District's Domestic Water Supply Permit and permit amendments. If any condition of Permit Amendment 1910035PA-001 conflicts with the District's Domestic Water Supply Permit and its permit amendments, then the conditions of Permit Amendment 1910035PA-001 must be followed.
2. The District must comply with all the requirements set forth in the California Safe Drinking Water Act, California Health and Safety Code, and any regulations, standards, or orders adopted thereunder.
3. The District must only use the approved drinking water sources in Table A.

Table A: Groundwater Sources

Source Name	PS Code	Status
Dolores Tunnel	CA1910035_002_002	Active
Eucalyptus Tunnel	CA1910035_003_003	Standby
Far Mesa Tunnel	CA1910035_005_005	Active
High/Low Pressure Tunnels	CA1910035_007_007	Standby
House Tunnel	CA1910035_008_008	Standby

Source Name	PS Code	Status
Kinneloa Well 3	CA1910035_009_009	Active
Wilcox Well	CA1910035_015_015	Active

4. The Division will only allow the District to operate the connections that are listed in Table B.

Table B: Interconnections

Water Supplier	Interconnection Name	PS Code	Status	Size, in.	Capacity (gpm)
PWP	Ranch Top	CA1910035_029_029	Emergency	8	1200
PWP	Wilcox	CA1910035_030_030	Emergency	6	-
PWP	Outpost-West	CA1910035_031_031	Emergency	4	800

5. The treatment facilities approved for use in this system are as follows:

Table C: Treatment Facilities

Facility	Treatment
K-3 Well	Precautionary disinfection using ClorTec onsite sodium hypochlorite generation system of K-3 Well at discharge line
Wilcox Well	Precautionary disinfection using ClorTec onsite sodium hypochlorite generation system of Wilcox Well at discharge line
Vosburg Reservoir	Precautionary disinfection using ClorTec onsite sodium hypochlorite generation system of Dolores Tunnel at reservoir inlet
Eucalyptus Reservoir	Precautionary disinfection using 12.5% sodium hypochlorite solution of Eucalyptus Tunnel at reservoir inlet
Glen Reservoir	Precautionary disinfection using 12.5% sodium hypochlorite solution of Far Mesa Tunnel at reservoir inlet
Holly Reservoir	Precautionary disinfection using ClorTec onsite sodium hypochlorite generation system of High and Low Pressure Tunnels and House Tunnel at reservoir inlet
Sage Reservoir	Precautionary disinfection using 12.5% sodium hypochlorite solution of High and Low Pressure Tunnels at reservoir inlet

6. No changes, additions, or modifications to the sources or treatment facilities listed in Permit Conditions 3, 4, and 5 above must be made without prior receipt of an amended domestic water supply permit from the Division.
7. All District personnel who operate any treatment facilities or its distribution system shall be certified in accordance with the CCR, Title 22, Sections 63765 and 63770. The District's distribution system is classified as a D3 distribution system. This classification requires the District's chief and shift operator(s) to

have at minimum, D3 and D2 certifications, respectively. The only treatment provided by the District is precautionary disinfection, which requires the District's chief and shift operator(s) to have at minimum, a D1 or T1 certification.

8. Chief and shift operators who make operational decisions on the District's water system must be provided with a copy of, and be familiar with, the District's water supply permit, all amendments, and all conditions therein. A copy of all permit and permit amendment conditions must be maintained at District's office for reference.
9. The District must monitor all its active sources according to chapter 15 of title 22, CCR, and in accordance with the most recent Vulnerability Assessment and Monitoring Frequency Guidelines (VAMFG), which is issued by the Division's Hollywood District (District 7) every three years to coincide with each upcoming compliance period.
10. The District must only use an ELAP-certified laboratory to analyze its drinking water samples. All water quality monitoring results obtained at a certified laboratory must be submitted to the Division electronically via the California Laboratory Intake Portal (CLIP) using the assigned PS codes. Analytical results of all sample analyses completed in a calendar month must be reported to the Division via CLIP no later than the tenth day of the following month.
11. All water supplied by the District for domestic purposes must meet all applicable Maximum Contaminant Levels (MCLs) established by the Division. If the water quality does not comply with the California Drinking Water Standards, the source must be removed from service or treatment must be provided to meet these standards, subject to approval by the Division.
12. The District must maintain an up-to-date Emergency Notification Plan (ENP), identifying how customers will be notified in the event of a water quality emergency. The District must refer to the ENP for phone numbers to contact the Division after normal business hours in the event of a water quality emergency. The Division must be contacted concerning any acute violations or occurrences of potentially hazardous situations.
13. The District must notify the public of all MCL and monitoring or reporting violations accordance with the Tier 1, 2, and 3 public notification requirements. All public notifications must be reviewed and approved by the Division prior to distribution or posting.
14. Pursuant to California Code of Regulations, title 22, section 64590, no chemical or product may be added to drinking water unless the chemical or product is certified as meeting the specifications of NSF International/American National Standard Institute (NSF/ANSI) Standard 60 (Drinking Water Treatment Chemicals – Health Effects). Pursuant to California Code of Regulations, title 22, section 64591, no

chemical, material, lubricant, or product may be used that may come into contact with the drinking water that has not been tested and certified as meeting the specifications of NSF/ANSI Standard 61 (Drinking Water System Components – Health Effects). Chemical stocks must be sufficient to prevent shortages caused by foreseeable delays in chemical deliveries.

Cross Connection Control Program

15. The District must comply with the Cross-Connection Control Policy Handbook (CCCPH– effective July 1, 2024), to prevent the water system and treatment facilities from being contaminated by possible cross-connections. The District must maintain a program for the protection of the domestic water system against backflow from premises having dual or unsafe water systems in accordance with the CCCPH. All backflow preventers must be tested at least annually.

Reporting

16. The District must prepare a Consumer Confidence Report on an annual basis, which must be distributed to customers and a copy provided to the Division by July 1 of each year.
17. The District must submit an Electronic Annual Report (EAR) to the Division each year, documenting specific water system information for the prior year. The report must be in the format specified by the Division. Monthly water production records must be maintained for each source and must be reported in a format approved by the Division. The written records must be maintained by the District for a minimum of ten years.

Records

18. The District must keep records on file of all emergency and scheduled water service interruptions. These records shall include (at a minimum) the following:
 - (a) Location of the problem,
 - (b) Cause of the interruption,
 - (c) Date and approximate time of the problem,
 - (d) Precautions taken to minimize contamination of the supply and notification of affected users.

Standby Wells

19. A standby well must be used only for short-term emergencies of five consecutive days or less, and less than a total of fifteen calendar days a year. Use of a standby well to make up for an inadequate water supply or an increased water demand that was, or should have been, foreseen does not constitute an

emergency. The District must meter the monthly production of the standby well and make records available for the Division's review.

20. The District must notify the Division within 3 days after the short-term emergency use of its standby well. The notification shall include information on the reason for and duration of the use.
21. The status of a designated standby well must not be changed to that of a regular source of drinking water supply, unless the source meets all existing drinking water standards and approval is obtained from the Division in advance.
22. The District must monitor its standby wells listed in General Provision 3 in accordance with Section 64414, Title 22, CCR; and in accordance with the Division's most current Vulnerability Assessment and Monitoring Frequency Guidelines (VAMFG). Additionally, the District must:
 - a. Monitor its standby wells for any acute contaminant within one year of adoption of the MCL for the acute contaminant, unless previous monitoring has been performed for the contaminant.
 - b. Monitor its standby wells for a chronic contaminant with a newly adopted MCL during the next scheduled round of monitoring for active wells, unless the next scheduled round of monitoring of the standby well occurs sooner.
 - c. Monitor its standby wells for bacteriological quality prior to use. If the result for its standby well is positive for total coliform bacteria, then the standby well shall be disinfected in accordance with American Water Works Association (AWWA) standards and re-tested, with the results submitted to the Division for review prior to placing the standby well into service.

Permit Amendment No. 1910035PA-001 shall be appended to and considered to be an integral part of the Domestic Water Supply Permit (Permit No. 04-07-05P-005) that was issued to the District on July 18, 2005.

**FOR THE DIVISION OF DRINKING WATER OF THE STATE WATER RESOURCES
CONTROL BOARD**

04/30/2024

Date



**Dmitriy Ginzburg, P.E.
District Engineer
Hollywood District**

General Manager's Report for the Board of Directors Meeting on May 27, 2025

I. Customer Account Information

- A. Customer Accounts – as of 5/22/2025
Active accounts: 547 (down from 592 pre-Eaton Fire)
Delinquent accounts receiving late charges: 18
Accounts shut off for non-payment: 0

II. Customer Care Report

Customer Leaks	System Leaks	Water Waste	Water Quality	Customer Service*	Comments
6	1	0	0	24	Contractor project at 2210 Kinneloa Canyon Road per customer request, Contractor repair at 2201 Kinclair Drive.

* Customer service includes requests for water shutoff to facilitate customer plumbing repairs, inquiries about water bills, requests for leak checks and general questions.

III. General Manager's Projects and Activities

- A. Meetings/Outreach/Key Contacts
1. FMWD Manager Meeting Semi-Weekly
 2. CalOES Drinking Water Working Group meeting weekly
 3. Weekly FEMA Coordinator Meeting – project list due by May 25, 2025
 4. Weekly Watershed Response Meeting
 5. Ongoing Pasadena Glen Creek hazard mitigation
- B. Grant Funding Opportunities
1. Hazard Mitigation Grants: KID staff are monitoring EPA BRIC (Building Resilient Infrastructure and Communities) grant opportunities to apply once the PWAG Multi-Agency Hazard Mitigation Plan is complete and approved. **Multi-Jurisdictional Hazard Mitigation Plan revisions underway, potential Board action requested in May 2025.**
- C. Office Staff Updates
1. **KEPOA Storage Shed secured, relocation of files/equipment underway**
 2. **Cybersecurity Upgrades for various office systems**
- D. System Project Updates
1. **Annual Cla-Val Maintenance Complete in May: Brown Reservoir (1), Wilcox Site (4)**
 2. **Annual Well Pump Efficiency Testing and Meter Certification Complete**
 3. **Continuing meter maintenance/replacement.**
 4. **Downsizing meters at customer request/cost as requests come in.**
 5. **Temporary Above Ground Main on Old Grove Rd in place.**

E. Capital Project Updates

- 1. Holly Transfer Valve installation complete, SCADA programming/testing underway**
- 2. Eucalyptus Booster 1, New Pump and Motor installed 5/19/25, needs balancing**
- 3. Interior Tank Coating Touchups underway at Holly-East Tank**
- 4. Interior Tank Coating Renovation to start at East Tank immediately following Holly-East Work**
- 5. New York Drive Interconnection Project expected to commence in June 2025 and be completed in July 2025.**
- 6. Brown-Glen Pipeline Project engineering study underway for alternate valve configuration.**
- 7. K3 Well Pump Rehab Project intended to start December 2025, in planning stages now.**
- 8. House Tunnel Spreading Optimization Project to start after Old Grove Temp Main is removed**
- 9. Old K3 Pumping Line Abandonment Project in Design Phase**
- 10. K3 Vault Access/Air Conditioning Project Design underway**

F. Regulatory Compliance and Reporting

- 1. Sanitary Survey Report from DDW received by KID on March 20, 2025. Responses submitted to DDW May 19, 2025.**
- 2. Permit Amendment 1910035PA-001 Issued April 30, 2025 for standby sources**
- 3. Cross Connection Policy Handbook – new policy, plan required to submit by July 1, 2025**
- 4. 2024 Electronic Annual Report (eAR) Submitted and Accepted by DDW**
- 5. 2024 Consumer Confidence Report (CCR) to be distributed with May bills**
6. Fluoride Variance – KID fluoride variance expires on 12/13/23. Compliance Plan submitted to DDW on 7/10/23. Revised permit application and blending plan submitted to DDW on 12/5/24.
7. Monthly Water Quality Reporting – Monthly reporting due by the 10th of each month.
8. Water Quality Emergency Notification Plan – annual requirement, filed timely in March 2025
9. Drought and Conservation Report – required per Order No. DDW_HQ_Drought2023-001 issued on 1/1/23. New requirement for monthly data due quarterly. 2024Q4 report was filed timely.
10. PFOA, PFOS and PFAS Chemicals: Impacts of regulations are being monitored through trade groups that KID is affiliated with and Raymond Basin monitoring.
11. SB 552 – status of compliance, must meet Fire Flow requirements by January 2032. Costs to be considered in Master Planning.
12. SB 1020 – Clean Energy, Jobs, and Affordability Act of 2022 – requires 100% of all state agency electricity consumption to be from renewable and carbon neutral sources by 2035.

*** Acronyms:**

ACWA – Association of California Water Agencies
ACWA JPIA – Association of California Water Agencies Joint Powers Insurance Authority
CSDA – California Special Districts Association
CUEA – California Utilities Emergency Association
DDW – Dept. of Drinking Water
DWR – Dept. of Water Resources
FMWD – Foothill Municipal Water District
KID – Kinneloa Irrigation District
LAFCO – Local Agency Formation Commission of Los Angeles County
PWAG – Public Water Agencies Group
RBMB – Raymond Basin Management Board
SWRCB – State Water Resources Control Board
LCRR – Lead and Copper Rule Revisions

IV. Water Supply Summary as of 4/30/25 for the Watermaster Year 2024-2025

Raymond Basin Groundwater (Acre Feet)		Kinneloa Irrigation District Water Tunnels (Acre Feet)	
1955 Decreed Rights	516	Holly High-Low	0.0
Less Pasadena Subarea 30% Reduction in Water Rights	-154.8	Eucalyptus	0.0
Net Effective Decreed Rights	361.2		
Prior Year Carryover	51.6	Far Mesa	0.0
Leases/Exchanges	0	House	0.0
Prior Year Spreading	372.2	Delores	78.2
Short Term Storage	248.4		
Total Allowable Extractions	1,033.4		
Less Water Extracted YTD This Watermaster Year	-516.8	Year to Date Tunnel Production	78.2
Remaining Allowable Groundwater Extractions through June 2024	516.6	Remaining Estimated Tunnel Production through June 2025	0.0
Total Available Water Supply (Remaining Allowable Groundwater + Remaining Estimated Tunnel Production through June 2024)		516.6 Acre Feet	
Less Remaining Forecasted Retail Water Sales through June 2025		-80.0 Acre Feet	
Estimated Surplus Water through June 2025**		436.6 Acre Feet	

YTD Water Production (KID+PWP) for Current Water Year = 595.0 Acre Feet

YTD Water Deliveries (KID+PWP) for Current Water Year = 530.5 Acre Feet

Total Retail Water Sales for Watermaster Year 2024-2025 YTD = 497.09 Acre-Feet

Total Retail Water Sales for Watermaster Year 2023-2024 = 474.8 Acre-Feet

Total Retail Water Sales for Watermaster Year 2022-2023 = 493.2 Acre-Feet

**** This is the forecasted surplus water available for sale in the current year and/or carryover to the next Watermaster year which starts on July 1 subject to the carryover limits established by the Raymond Basin Management Board. Regarding the available surplus water, we will maximize the carryover to the next year and deliver the balance of the forecasted surplus water (if any) to the City of Pasadena. Current Agreement with City of Pasadena for sale of excess groundwater expires June 30, 2025.**