

Indian Wells Valley Water District

Celebrating more than 60 Years of Service

www.iwwvd.com



Regular Board Meeting
July 8, 2024



July Board Meeting

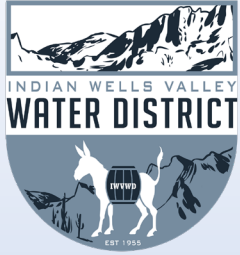
- 1. Call to Order**
- 2. Pledge of Allegiance**
- 3. Roll Call**
- 4. Posting of Agenda Declaration**
- 5. Conflict of Interest Declaration**
- 6. Public Questions and Comments on Closed Session**

This portion of the meeting is reserved for persons desiring to address the Board on any matter not on the agenda and over which the Board has jurisdiction. However, no action may be taken by the Board of Directors on any item not appearing on the agenda. Non-agenda speakers are asked to limit their presentation to five minutes. Public questions and comments on items listed on the agenda will be accepted at any time the item is brought forth for consideration by the Board. When you are recognized by the chairperson, please state your name and address for the record.



July Board Meeting

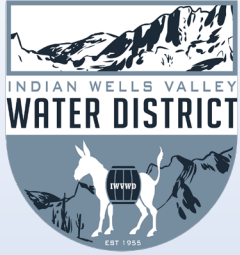
7. Closed Session



July Board Meeting

8. Public Questions and Comments

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Current Business/Committee Reports

A. Consent Calendar

Description: Approval of Board Meeting Minutes and Accounts Payable Disbursements.

1. Approval of Minutes:

i. June 10, 2024, Regular Board Meeting

2. Approval of Accounts Payable Disbursements

Consent Calendar

BOYD, M	Abs
GRIFFIN,	Yes
KICINSKI,	Yes
RAJTORA	Yes
SAINT-A	Yes



Administration/Executive Committee Report

1. Mutual of America 547 Plan Amendment

Description: Amendment to the District's 457 Plan to allow for rollovers from previous 457 Plans of a past eligible employer

Committee recommends the following: Board approve amendment to the District's 457(b) Eligible Deferred Compensation Plan

457 Plan Amendment

BOYD, M	Abs
GRIFFIN,	Yes
KICINSKI,	Yes
RAJTORA	Yes
SAINT-A	Yes

5 / 5

Yes = 4 No = 0 Abstain = 1

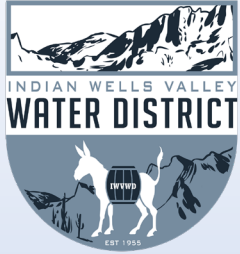
Pass



IWVGA

Description: Report and discussion regarding the June 12, 2024, meeting of the Indian Wells Valley Groundwater Authority (IWVGA). Including, Board discussion and consideration of issues of importance requiring action by the IWVGA.

Next meeting is scheduled for July 10, 2024.



IWVGA

2020 GSP Projects & Management Actions

- Projects investigated in development of the Groundwater Sustainability Plan (GSP):
 - Recycled Water – determined to be economically infeasible
 - Brackish Water – determined to be infeasible
 - Los Angeles Department of Water and Power (LADWP) Pipeline/Inyo Supply – determined to be infeasible
 - Surface percolation/banking – determined to be infeasible (highly insufficient percolation rate)
 - Import Supply of treated water from Antelope Valley-East Kern Water Agency (AVEK) – determined to be feasible
- Voluntary pumping reductions
 - Implemented through transient pool
- **NO OTHER PROJECTS HAVE BEEN SUBMITTED TO THE GA FOR REVIEW**

Are these true
Statements of facts



IWVGA Fact Check #2

2020 GSP Projects & Management Actions

- Management actions investigated:
 - Water banking in the basin
 - Percolation Study – surface banking infeasible (insufficient percolation rate)
 - Injection Wells – Operating costs outweigh the benefit
 - Direct Use by Water District – Can provide In Lieu recharge at times (cheapest operating costs)
 - Basin Pumping Optimization
 - Modifications to IWVWD pumping fields – determined to be infeasible by the IWVWD
 - Shallow Well Mitigation Program – implemented
 - Shallow Well Consolidation –
 - \$3 million grant received – implementation at beginning phases
 - El Paso

Are these true
Statements of facts



IWVGA Pumping Data

Modeling Scenarios – Baseline

- Indian Wells Valley Water District (IWWVD) pumping to follow their 2020 Urban Water Management Plan (UWMP) projected pumping
- Navy: 2,041 AFY – Navy requested for planning purposes
- Domestic pumpers: 832 AFY, growth rate mirrors IWWVD
- Inyokern CSD: growth rate mirrors IWWVD
- Assumes averages of Water Year (WY) 2020-2023 pumping for all other pumpers and to continue statically



IWVGA “No GA” Pumping

Modeling Scenarios – 2040 “No GA” Pumping

2040 “No GA” Pumping			
	2040 Pumping Demands* (AF)	% of Total Pumping	Assumptions
IWVWD	7,830	17.8%	UWMP
Trona	160	0.4%	Court disclosure – 2023 pumping
SVM	2,551	5.8%	Court disclosure – 2023 pumping assumed to remain static
Navy	6,503	14.8%	Navy’s Water Right
Meadowbrook	10,995	25.0%	Assumed highest water use/acre (2011-2020) for all currently owned acreage
Mojave	12,109	27.6%	Assumed future water demand/acre for all currently owned acreage
Small Ag	1,767	4.0%	Court disclosures and current average WY 2020-2023 pumping
City	325	0.7%	Court disclosure - to include currently underway park expansions
County	24	0.1%	Assumed highest recent annual pumping contained in court disclosure and pumping to remain static
Inyokern CSD	228	0.5%	Court disclosure
Mutuals/Co-ops	414	0.9%	WY 2020-2023 average pumping**
Domestic	1,003	2.3%	Growth rate mirrors IWVWD UWMP average
TOTAL	43,909		

* Pumping Demands reflects actual water pumped from wells

** WY 2023 was a very wet year, WY 2020-2023 averages may not reflect true average pumping



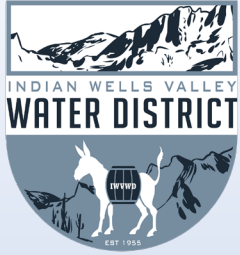
IWVGA 2025 Pumping

Modeling Scenarios – 2025 GSP – Implementation Pumping Plan 1 & 2 2025 Pumping

2025 Current Demands			
	2025 Pumping Demands* (AF)	% of Total Pumping	Assumptions
IWVWD	6,930	31.1%	UWMP
SVM & Trona	2,544	11.4%	WY 2020-2023 average**
Navy	2,041	9.1%	Requested by Navy for planning purposes
Meadowbrook	4,352	19.5%	WY 2020-2023 average**
Mojave	3,561	16.0%	WY 2020-2023 average**
Small Ag	1,043	4.7%	WY 2020-2023 average**
City	325	1.5%	Court disclosure - to include currently underway park expansions
County	22	0.1%	WY 2020-2023 average**
Inyokern CSD	205	0.9%	WY 2020-2023 average**
Mutuals/Co-ops	414	1.9%	WY 2020-2023 average**
Domestic	872	3.9%	Growth rate mirrors IWVWD UWMP average
TOTAL	22,309		

* Pumping Demands reflects actual water pumped from wells

** WY 2023 was a very wet year, WY 2020-2023 averages may not reflect true average pumping



IWVGA 2030 Pumping

Modeling Scenarios – 2025 GSP – Implementation Pumping Plan 1 & 2 2030 Pumping

2030 Current Demands			
	2030 Pumping Demands* (AF)	% of Total Pumping	Assumptions
IWVWD	1,186	15.5%	IWVWD pumping reduced to remainder of sustainable yield
SVM	2,544	33.3%	WY 2020-2023 average**
Navy	2,041	26.7%	Requested by Navy for planning purposes
Meadowbrook	0	0.0%	Transient exhausted by 2026
Mojave	0	0.0%	Transient exhausted by 2026
Small Ag	0	0.0%	Transient exhausted by 2026
City	325	4.2%	Court disclosure - to include currently underway park expansions
County	22	0.3%	WY 2020-2023 average**
Inyokern CSD	205	2.7%	WY 2020-2023 average**
Mutuals/Co-ops	414	5.4%	WY 2020-2023 average**
Domestic	913	11.9%	Growth rate mirrors IWVWD UWMP average
TOTAL	7,650		

* Pumping Demands reflects actual water pumped from wells

** WY 2023 was a very wet year, WY 2020-2023 averages may not reflect true average pumping



This table appears to be
The model that the GA
Will use to allocate its
Estimated Safe Yield

This fully supports the
Concept that WD
Customers will pay for
all imported water



Comprehensive Adjudication

Description: Report and discussion regarding the status of the Comprehensive Adjudication.



GM Report

Water District Data

- **Monthly Data**
 - **Water Produced: June 193,329,000 gal (Up from 152M in May)**
 - **Water Consumed: 167,316,000, 11%, Comm, 4% Other, 85% Res**
 - **Estimated Loss and loss prevention is a Topic for the Board Workshop**
- **Employee Injury Report**
 - **None for June 2024**
- **Conservation**
 - **Production in 2007 9198.5 AF vs. 2023 5224.6 43% reduction**
 - **Reduction compared to 2013, 30% Reduction vs. 2023**
 - **Reduction compared to 2020, 16% Reduction vs. 2023**
 - **WaterSmart data. 71 Conversations, 22 Field Visits**

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GM Report WD Public Outreach

- **Upcoming**
 - **Received request for Republican Club Update**
- **Since the last Board Meeting**
 - **GM Workshop in Anaheim**
- **Social Media**
 - **Initial Disclosure FAQ's and Guidance Updated**
- **News Media**
 - **Various Articles in Newspapers Forwarded to Board**



Staff Updates

3. Inyokern Community Services District (CSD)

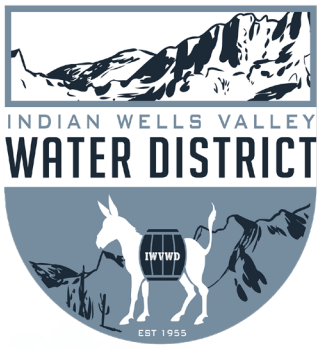
Description: Status of District's effort to assist Inyokern CSD.



July 2024 Workshop Topics

- **Tentative List of Topics**

- **Measures to reduce water loss in the system**
- **Water Board discussion on Inyokern CSD future**
- **SB-606 and AB-1668 Discussion, WD posture for compliance**
- **WD Policy on CCW for Customers and Employees**
- **Brown Act Refresher, communication improvement discussion**
- **Review of WD Policy on Elections, do's and don't's**



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Review of IWV Imported Water Pipeline Cost



Overview

Goal: Provide the Board with a reasonable and realistic estimate of IWVWD customer cost impact if the Imported Water Pipeline is Built



Using CEC Costs to Estimate Customer Costs

CEC estimates fall into three broad categories

- **Project Construction:** Assumed to be spread over all parcels as part of property taxes
- **Water Rights:** Costs to purchase sufficient water rights so that water is available for delivery via pipeline, the Current Replenishment Fee
- **Annual Operations & Maintenance (O&M):** Assumed to be paid in a manner similar to existing Replenishment Fee structure as these costs will replace/supplement the Replenishment Fee when the Pipeline is built



Replenishment Fee As a Model for O&M

- **The Groundwater Authority is already collecting funds to pay for Water Rights, the Replenishment Fee**
- **The only large pumper to have paid this fee is the IWV Water District - we assume this will remain the case for this and any future fees.**



Most Probable CEC Scenario

- **If the Payment Model used for Replenishment is used**
 - WD believes it would be more economical for SVM to find another source of Water
 - The Water District becomes essentially the only entity paying for Imported Water
- **The following CEC scenario is the most likely outcome**
 - GA purchases 1500 AFY of Water Rights at a cost of \$36M
 - \$307M in Total Construction costs (\$50,000,000 paid by Grant)
 - \$10,142,000 in Annual O&M costs (approximately \$10M paid by WD)



Most Probable Costs to IWV Residents

- **Total Project Costs less \$50,000,000 WRDA Grant Funding**
 - **\$307,000,000 - \$50,000,000 = \$257,000,000**
- **Financed over 30 Years this is \$19,533,000 in new annual taxes**
 - **That could be \$976/parcel for 20,000 parcels in the IWV**
 - **Or: \$81/month per WD customer**
- **Cost to IWVWD Customers**
 - **WD Budget to provide water today, less GA Fees \$12,500,000**
 - **New Budget, 17,250,000 + \$10,142,000 = \$27,392,000**
 - **Includes GA Fees for Water, Less Legal Fees and WRDA Funding**



In Plain English

- **\$976 per year in new taxes for each residence/parcel**
- **Water bills will more than double**

For Example: If your Bill is

- **\$77/month it will increase to \$223/month including taxes**
- **\$100/month it will increase to \$290/month including taxes**
- **\$200/month it will increase to \$580/month including taxes**



Bottom Line

The Water District GM considers these costs excessive.

The General Manager recommends that the Board:

Resolve to oppose the pipeline as currently envisioned and funded

Urge the GA to re-evaluate/investigate other options which may be more cost effective



Questions?

?



Staff Updates Engineering

5. NW Transmission Pipeline

Description: Update on this Capital Project.



Staff Updates Engineering

- 6. Dune 3 and Hometown Water Consolidations Update**
Description: Update on these Projects.



Staff Updates Engineering

7. Annual Solar Production Update

Description: Update on annual solar production.

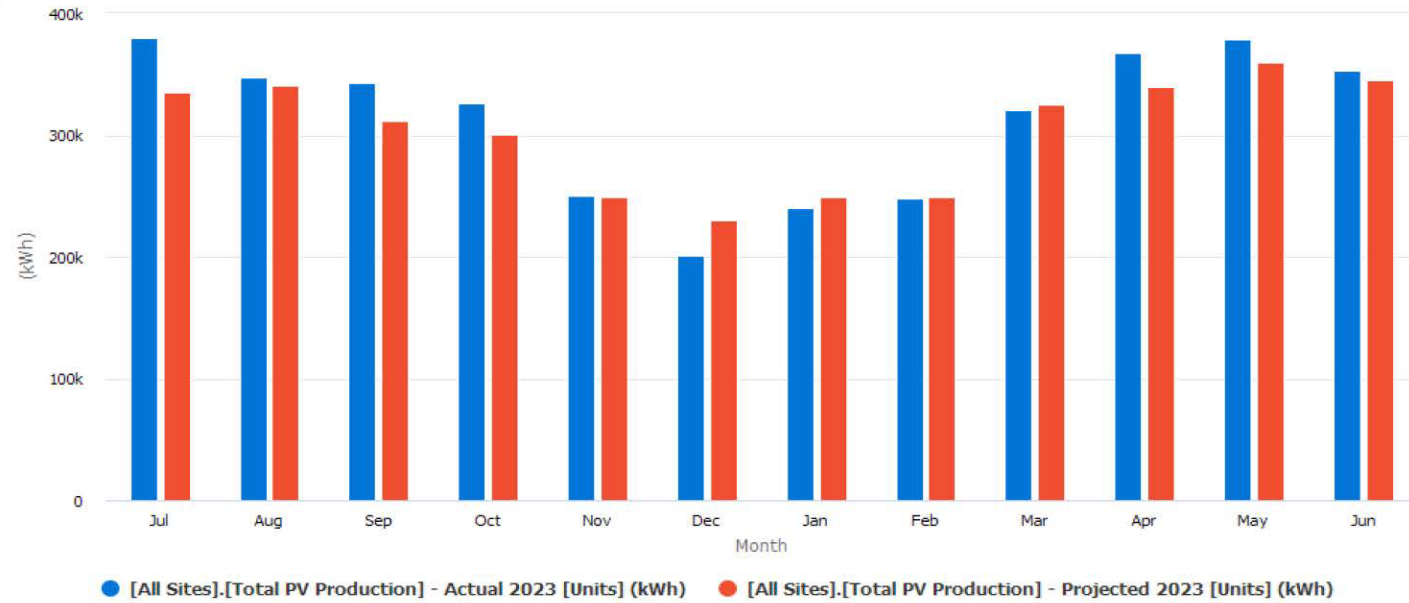


Staff Updates Financial

8. Financial Status

Description: Report on the District's current financial status.

Year to Date Actual Production Compared to Projected Production

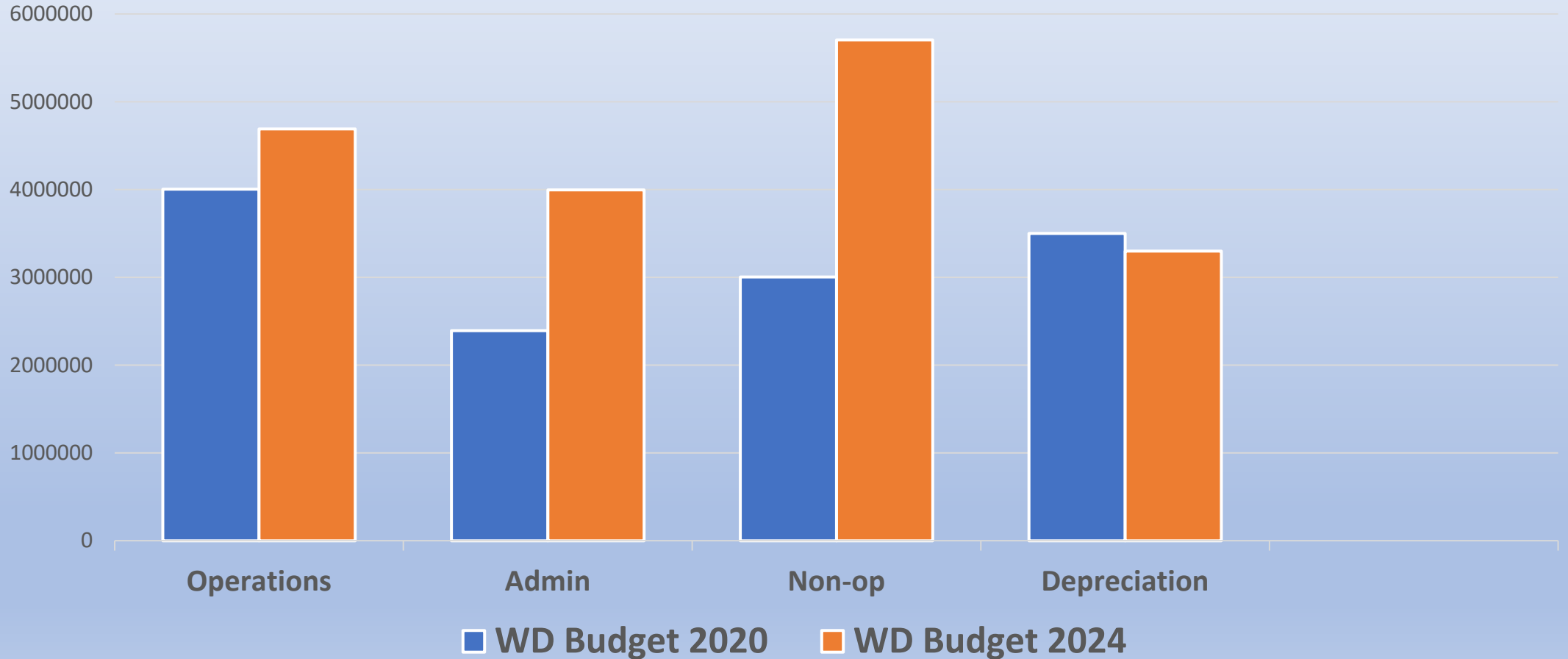


Period : 7/1/2023 12:00 AM - 6/30/2024 11:59 PM

Month	Total Production Actual (kWh)	Total Production Cumulative (kWh)	Total Production Projected (kWh)	Total Production Projected Cumulative (kWh)	Gross Variance	Relative Variance (%)	Cumulative Gross Variance	Cumulative Relative Variance (%)
Jul	379,561.00	379,561.00	335,325.00	335,325.00	44,236	13.19	44236	13.19
Aug	347,153.00	726,714.00	340,611.00	675,936.00	6,542	1.92	50778	7.51
Sep	342,951.00	1,069,665.00	312,085.00	988,021.00	30,866	9.89	81644	8.26
Oct	325,935.00	1,395,600.00	300,240.00	1,288,261.00	25,695	8.56	107339	8.33
Nov	249,893.00	1,645,493.00	249,421.00	1,537,682.00	472	0.19	107811	7.01
Dec	201,480.00	1,846,973.00	229,641.00	1,767,323.00	(28,161)	-12.26	79650	4.51
Jan	239,964.00	2,086,937.00	249,032.00	2,016,355.00	(9,068)	-3.64	70582	3.50
Feb	248,142.00	2,335,079.00	248,760.00	2,265,115.00	(618)	-0.25	69964	3.09
Mar	320,892.00	2,655,971.00	325,287.00	2,590,402.00	(4,395)	-1.35	65569	2.53
Apr	368,099.00	3,024,070.00	339,338.00	2,929,740.00	28,761	8.48	94330	3.22
May	378,253.00	3,402,323.00	360,041.00	3,289,781.00	18,212	5.06	112542	3.42
Jun	353,279.00	3,755,602.00	345,600.00	3,635,381.00	7,679	2.22	120221	3.31



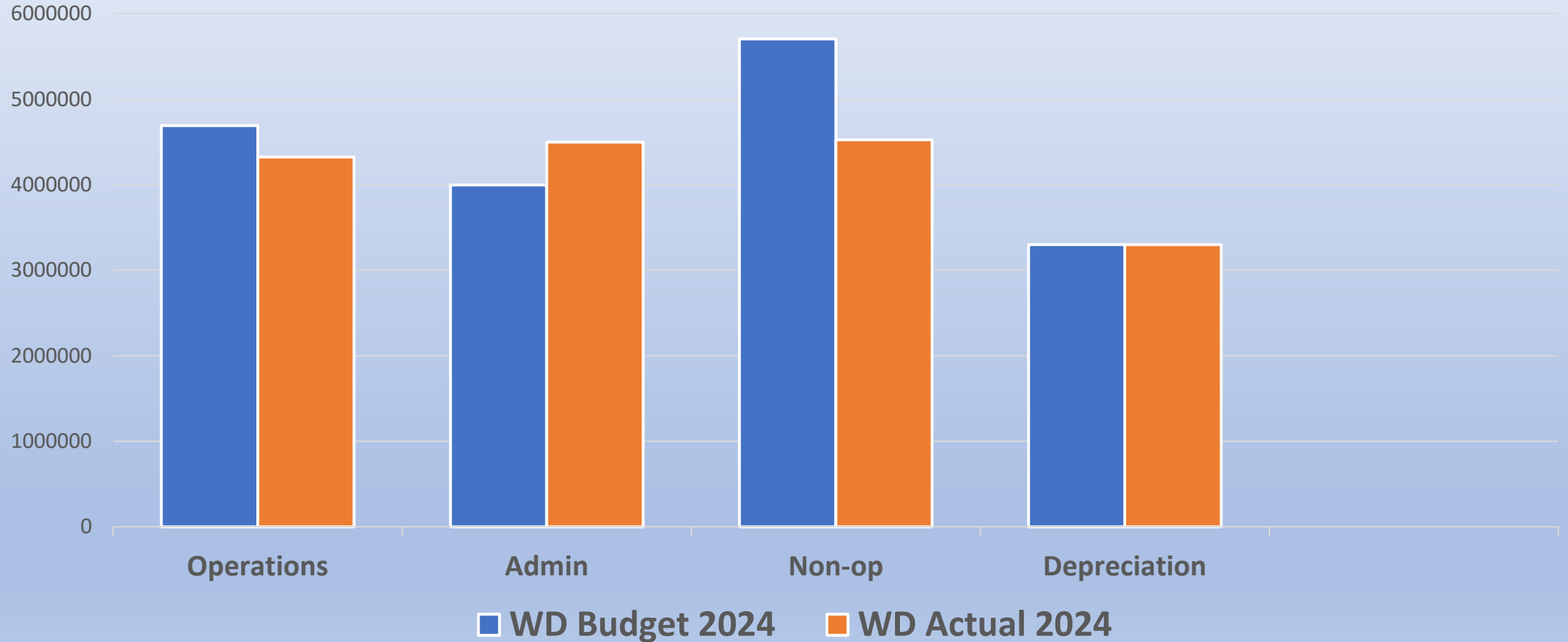
Financial Breakout



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Financial Breakout



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Staff Updates Conservation

9. Conservation

Description: Update on the Conservation Program and discussion on water conservation related items.

SWRCB Water Waster Report

	# of water waste reports received	# of contacts made (written or verbal)	# of formal warning actions	# of penalties issued
Jan-24	0	0	0	0
Feb-24	2	2	0	0
Mar-24	4	4	1	1
Apr-24	1	1	0	0
May-24	1	1	0	0
Jun-24	4	4	0	0
Jul-24				
Aug-24				
Sep-24				
Oct-24				
Nov-24				
Dec-24				
SUBTOTAL 2015	378	376	40	10
SUBTOTAL 2016	406	399	28	3
SUBTOTAL 2017	70	68	10	4
SUBTOTAL 2018	60	58	7	4
SUBTOTAL 2019	56	56	8	1
SUBTOTAL 2020	42	42	8	2
SUBTOTAL 2021	131	131	12	4
SUBTOTAL 2022	106	106	6	0
SUBTOTAL 2023	64	64	24	7
SUBTOTAL 2024	12	12	1	1
TOTAL	1313	1300	143	35
TOTAL PENALTIES BILLED				\$3,450
TOTAL PENALTIES COLLECTED				\$3,050



Staff Updates Operations

10. Arsenic Treatment Facilities

Description: Staff will update the Board on Maintenance Issues and production.

Plant 2 online 50% capacity, Plant 2 prepping for loading media.

11. Operations

Description: Staff report on Operations

44 replacements 11 repairs

3 NO-DES 12,054g (9,428,891g)

33 Valves (232 YTD)

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- **Board Comments/Future Agenda Items**
- **Adjournment**

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