Central Basin Municipal Water District

MEETING	TIME & DATE	LOCATION
Board of Directors	10:00 AM Monday, November 27, 2023	1466 S. McDonnell, Commerce, CA 90040

AGENDA

1. CALL TO ORDER

1.A Roll Call

1.B Invocation

1.C Pledge of Allegiance

1.D Certification by the Board Secretary

2. PRESENTATIONS

None

3. PUBLIC COMMENTS

This time has been set aside for persons in the audience to make comments, or inquiries, on matters that are listed on this agenda and within the general subject matter jurisdiction of the Board of Directors (the "Board"). Although no person is required to provide their name and address as a condition to attending a Board meeting, persons who wish to address the Board are asked to state their name and the agenda item they are addressing. Each speaker will be limited to three (3) continuous minutes. Speakers may not lend any portion of their speaking time to other persons or borrow additional time from other persons. Except as otherwise provided under the Brown Act (Gov. Code section 54950 et seq.), the Board may not deliberate, or take action, upon any matter not listed on this posted agenda but may order that any such matter be placed on the agenda for a subsequent meeting. The Board may also direct staff to investigate certain matters for consideration at a future meeting. In accordance with Gov. Code sections 54954.2 and 54954.3, all members of the Board are considered to be appearing at this meeting in their capacity as members of the Board, not members of the general public, and will therefore refrain from making comments during the public comment period so as to avoid any inadvertent interference with the right of the public to freely comment and/or the inadvertent raising of an issue not on the posted agenda. The Brown Act precludes a legislative body from prohibiting public criticism of the policies, procedures, programs, or services of the local agency or the acts or omissions of the body. § 54954.3(c). This restriction does not mean that a member of the public may say anything during public testimony. If the topic of the public's comments falls outside the subject matter jurisdiction of the local agency, the legislative body may stop a speaker's comments. A legislative body also may adopt reasonable rules of decorum that preclude a speaker from disrupting, disturbing or otherwise impeding the orderly conduct of its meetings. § 54954.3(b). The right to publicly criticize a public official does not include the right to slander that official, slander is defined as an untrue defamatory statement that is spoken orally.

4. STAFF PRESENTATIONS

4.A Strategic Plan Presentation

4.B Capital Investment Plan

5. ACTION ITEMS

No board member shall interrupt or argue with any other member while such member has the floor. Board members are reminded, in the discussion, comments, or debate of any matter or issue, shall be courteous in their language and demeanor and shall not engage in disorderly behavior, or make personal comments, derogatory remarks or insinuations in respect to any other member of the Board, staff or public.

5.A Authorization by the Board of Directors for Director Michael Gualtieri

RECOMMENDED MOTION: That the Board authorize Board Vice President Michael Gualtieri sign the board approved contracts with Carr, Riggs & Ingram, LLC.

5.B December 2023 District Meetings and Office Closure Schedule

RECOMMENDED MOTION: That the Board approve the District office closure on December 19, 20, 26 and 27, 2023, in observance of the holidays, and that staff use their vacation hours for these days unless they elect to work their regular schedule

and remain available for regular business operations and administrative support services.

6. INFORMATION AND DISCUSSION ITEMS

6.A Redistricting Compliance

6.B Director Per Diem Compliance

7. CONSENT ITEMS

In order to promote efficient meetings, the Board may act upon more than one item by a single vote through the use of the consent agenda. Consent items are items, certified by the Board Treasurer, in payment of board approved District contractual obligations of a routine nature or items for which no Board discussion is anticipated and for which the General Manager recommends approval.

7.A Investment Report, Liquidity and Day's Cash Evaluation - October Activities

7.B Action on Minutes
October 16, 2023 (Special Board Meeting)
October 23, 2023 (Regular Board Meeting)

7.C Financial Report
Demands - September 2023, October 2023

8. REPORTS AND CORRESPONDENCE

8.A Water Supply and Resources Update
RECOMMENDED MOTION: Receive and file.

8.B Rio Hondo Pump Station Rehabilitation and Upgrade - Phase 2 Advancing of the Request for Proposal Release

9. CLOSED SESSION

9.A CONFERENCE WITH LEGAL COUNSEL– EXISTING LITIGATION (Paragraph (1) of subdivision (d) of Section 54956.9), Leticia Vasquez-Wilson v. Central Basin Municipal Water District, et al.(Case No. 22STCV19770)

9.B CONFERENCE WITH LEGAL COUNSEL—EXISTING LITIGATION
(Paragraph (1) of subdivision (d) of Section 54956.9)
Kevin Hunt v. Central Basin Municipal Water District (Case No. 20STCV0512)

10. RECONVENE TO OPEN SESSION

10.A Report Out of Closed Session

11. DIRECTORS' AND GENERAL MANAGER'S COMMENTS

11.A Directors' Comments and Report on District Activities

11.B General Manager's Comments

12. ADJOURNMENT

Note: At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

12.A Next Regular Board Meeting: December 18, 2023

12.B Adjourn Regular Board Meeting of November 27, 2023

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

PRESENTATION

Strategic Plan Presentation

EXHIBITS:

2300Nov7 Strategic Plan 052421.pdf

JULY 1, 2021

Strategic Plan 2021 - 2026



Central Basin Municipal Water District

TABLE OF CONTENTS

Strategic Planning Process..... 3

Message from the Board President..... 4

Introduction..... 5

Mission, Vision & Values..... 5

Current Sate Analysis (SWOT)..... 6

Summary of Accomplishments..... 7

Focus Areas & Goals..... 8

Business Value Decision Making..... 9

Key Performance Indicators..... 10

Annual Goals & Budget Planning..... 11

Strategic Planning Process

This strategic plan represents the five year planning cycle for the Central Basin Municipal Water District and builds upon the previous strategic plan. The key elements of the strategic planning process are outlined in Figure 1 below.

Figure 1 – Strategic Planning Process:



What follows in this document is a strategic plan that includes the following sections:

- Introduction
- Step I: Mission, Vision and Values;
- Step II: Current State Analysis;
- Step III: Focus Areas: Goals;
- Step IV: Business Value Decision Making; and
- Step V: Determination of Key Performance Indicators & Budget Development.

Message from the Board President

Welcome to the Central Basin Municipal Water District's ("CBMWD" or "District") Five-Year Strategic Plan. This document is a blueprint for how CBMWD will respond to current challenges and make the best of future opportunities for the benefit of its customers. It confirms its mission and goals as a public agency dedicated to providing high quality water service to the nearly two million residents in CBMWD's service area. It establishes approaches for the preservation of our precious resources for future generations utilizing the principles of sustainability and prudent fiscal practices. It also outlines the specific goals, strategies, and objectives we will pursue to move us from where we are to where we want to be and establishes a process to measure our progress.

The Strategic Plan for Central Basin Municipal Water District represents a collaborative effort that recognizes the significant water supply challenges facing the communities in our service area and the need to improve our region's water reliability as well as support local water resource development.

The Central Basin Municipal Water District will bring value to the region through developing trust-based relationships with its member agencies (customers) who rely on CBMWD as a strategic partner to support local water resource development as well as provide an imported water supply to our service area.

The implementation of the Strategic Plan will require strong collaboration with our communities, fellow water utilities, and State and Federal regulatory agencies. The Strategic Plan will be reviewed with the Board and member agencies (purveyors) and adapted as conditions change.

The District's Board of Directors and staff are charting a course for continued success in the future through the development and execution of this Strategic Plan. The Strategic Plan defines the vision, mission, values, goals, and future business strategy for CBMWD.

Our commitments to the communities we serve fall into four areas: water supply, financial integrity, education & advocacy, and energy & technology. These commitments are established as the four goals of the Strategic Plan. Our Board actions will consistently support these commitments and staff will track the progress against this plan.

We the Central Basin Municipal Water District Board, are confident the Strategic Plan will help us achieve the expectations of those we serve in the months and years to come.

On behalf of the Board of Directors, this strategic plan is presented for publication:

Mr. Arturo Chacon
Director Division III
Board President
Central Basin Municipal Water District

Introduction

CBMWD is a public agency that was formed by the California Legislature in 1952 for the purpose of providing an adequate supply of water within its service area. CBMWD purchases imported water from the Metropolitan Water District of Southern California (MWD), an agency which provides the region with imported water. CBMWD wholesales the imported water to cities, mutual water companies, investor- owned utilities and private companies in southeast Los Angeles County. CBMWD also supplies water used for groundwater replenishment and provides the region with recycled water for municipal commercial, and industrial use. The District serves 24 cities with an overall population of 1.7 million.

CBMWD was established to help mitigate the over-pumping of underground water resources in southeast Los Angeles County. CBMWD founders realized they would have to curtail the use of relatively inexpensive yet diminishing local groundwater by providing the region with imported water. In 1954, CBMWD became a member agency of MWD. The CBMWD Directors appoint two representatives to the 37-member MWD Board of Directors; CBMWD is one of the largest member agencies of MWD. Today, in addition to imported water, CBMWD provides recycled water for irrigation, commercial applications, and industrial processes.

Mission, Vision and Values

The strategic planning process reaffirms the mission and vision of the Central Basin Municipal Water District, the strategic priorities to accomplish the vision, and reconfirms values to maintain as the Central Basin Municipal Water District works towards meeting these priorities.

Mission

The mission of the Central Basin Municipal Water District is to deliver reliable and high-quality water, as well as recycled water services to its customers and communities through effective and collegial partnerships with its retailers and other wholesalers.

Vision Statement

Central Basin Municipal Water District is an innovative, responsive, and effective steward of the water service and management responsibility entrusted to it.

Values

CBMWD will embody the following core values in the setting and implementation of its policies and practices:

- Integrity - CBMWD and its representatives will consistently adhere to high moral and ethical principles;
- Collaboration - CBMWD, and its representative, swill cooperatively work together and with stakeholders to further the mission and goals of the organization;
- Customer Service - CBMWD, and its representatives, will professionally and responsively serve the needs of its customers;
- Fair, open, and responsive - CBMWD, and its representative, swill engage its stakeholders and interact with them in a fair, open, and honest manner;
- Accountability - CBMWD, and its representatives, will take responsibility for and be accountable for all its actions;
- Innovation - CBMWD, and its representatives will encourage and value the introduction of new ideas and methods.

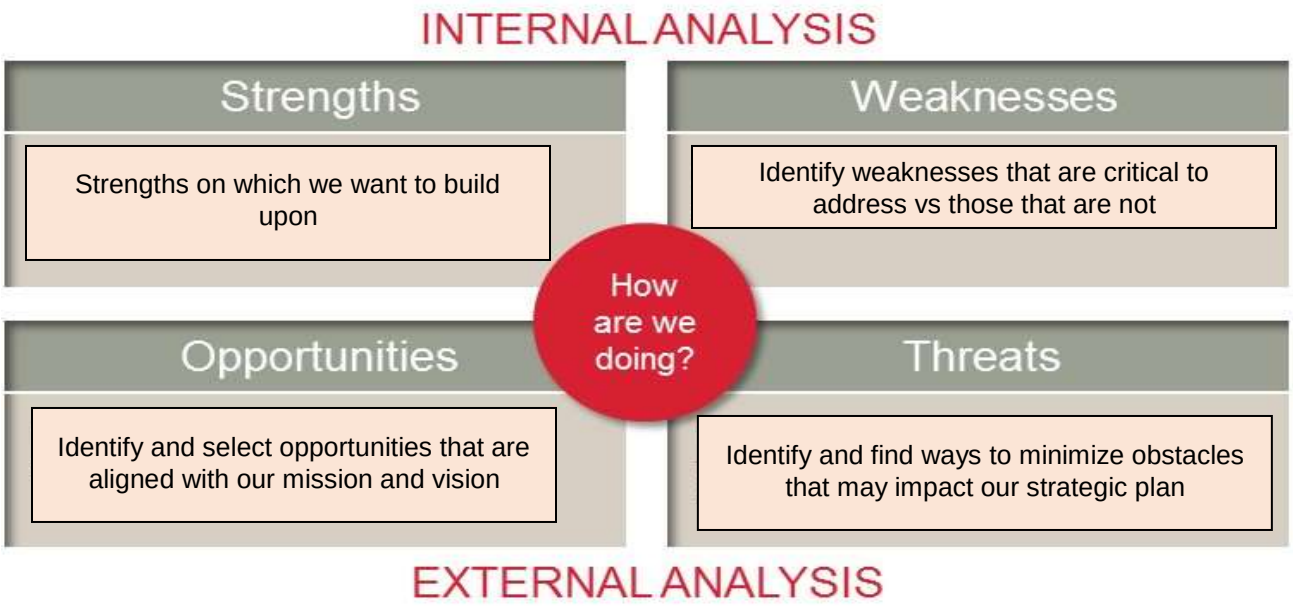
Current State Analysis

A current state analysis, or environmental scan, is a review of everything that impacts the Central Basin Municipal Water District – either positively or negatively. It is an exercise to consider all assets and opportunities for the Central Basin Municipal Water District. It also identifies gaps, or vulnerabilities, that could impede the Central Basin Municipal Water District's success.

An environmental scan is always limited – we can never know everything or predict the future. However, it is also a useful tool to consider the operating environment that can affect the success of the Central Basin Municipal Water District's efforts.

Figure 3 below outlines the Current State Analysis process.

Figure 3 – Current State Analysis Process



What follows is a summary of feedback on Central Basin Municipal Water District's strengths, weaknesses, opportunities and threats that would be identified by community members, our strategic business partners, our customers/member agencies (purveyors), district staff, and the Board.

Strengths

The Central Basin Municipal Water District's strengths include:

- Recycled Water Capacity/Allocation
- Stable Financial Outlook
- Mixed Governance Model
- Regional Presence (Service Area)
- Engineering & Infrastructure Expertise
- Improving Financial Reserves & Investments
- Metropolitan Water District of Southern California Member Agency
- Diversity of our service area

Weaknesses

The Central Basin Municipal Water District also has areas where improvement is needed. Weaknesses can be changed – they are not fixed qualities. Weaknesses identified include:

- Governance Instability
- Brand/Reputation & Public and Media Relations
- Customer Relationships
- Position Control
- Recycled Water Customer Growth
- Capital Investment Imported Water Connections
- Capital Investment Recycled Water System & Pump Stations
- Governance Protocols & Compliance with Administrative Code
- Strategic Plan Implementation, Goal Development & Performance, and Data Driven Decision Making

Opportunities

At times there are changes in the operating environment that can benefit the Central Basin Municipal Water District. It is important to recognize these changes and take advantage of opportunity. These include:

- Recycled Water Demand
- Lower the cost of Imported Water
- Imported Water Connection (Reliability, Conservation, Local Supply Demands)
- Improved Governance Efficiency & Administrative Code Compliance
- Improved Relationships with Customers
- Diversification of Services & Revenue
- Energy & Technology Innovations
- Internal Controls & Long-term Fiscal Stability
- Improve Education, Outreach & Public and Media Relations
- Protect Governance Protocols & Compliance with Administrative Code

Threats

Threats are those things that the Central Basin Municipal Water District has no or little control over. That does not mean that the Central Basin Municipal Water District is helpless. It means that the Central Basin Municipal Water District has to take purposeful steps to mitigate the negative impact of those threats. These include:

- Climate Change
- Seismic, Natural & Man-made Disasters
- Fiscal & Human Resources Water Quality Compliance Pressures on Customers
- Political Distractions & Expenditure of Fiscal/Human Capital on Non-Mission Critical Issues
- Declining Imported Water Demand
- Governance Instability & Ineffectiveness
- Targeted Legislation Adversely Impacting District Governance and Operations

Summary of Accomplishments from Previous 5 Year Plan

It is useful to include at the beginning of the current strategic plan, key accomplishments achieved during the previous five year planning horizon. Figure 2 presents a summary of the Central Basin Municipal Water District's accomplishments.

Figure 2 - Accomplishments of the Central Basin Municipal Water District's last five years:

- CBMWD is considered a leader for education and outreach due to its award winning education program
- Governor Newsom signed legislation preserving CBMWD's two seats on the Metropolitan Water District of Southern California
- CBMWD received the certificate of transparency from the Special District Leadership Foundation for completion of all transparency program requirements designed to promote transparency in operations and governance to the public and other stakeholders
- Montebello Golf Course connected to our recycled water system
- CBMWD has been recognized for excellence in technology by MISAC every year since 2007
- CBMWD complied with and implemented all of the state auditor recommendations from the 2015 state audit

Activities from the 2015 strategic plan that had significant progress and/or were completed, are not carried forward into the current strategic plan. Activities that were not completed in the last planning horizon have been incorporated into the current strategic plan where appropriate.

FOCUS AREAS: Goals

Based upon the Mission, Vision, Values, Previous Five Year Accomplishments and the Current State Analysis, the Central Basin Municipal Water District should determine and define focus areas that will assist the Central Basin Municipal Water District in achieving its goals.

Below are the four focus areas including Central Basin Municipal Water District's one-year, three-year and five-year goals for each focus area.

1. **Water Supply: CBMWD will partner with retailers and wholesalers to provide a level of regional water reliability that ensures customers'/member agencies' (purveyors') water needs are met:**
   1.1 One-year Goal: Increase recycled water sales by 20%.
   1.2 Three-year Goal: Connect (2) customers to imported water supply. Increase recycled water sales by 30%.
   1.3 Five-year Goal: Connect (4) customers to imported water supply. Increase recycled water sales by 40%.

2. **Financial Integrity: CBMWD will manage its financial resources in a responsible, effective, and transparent fashion:**
   2.1 One-year Goal: Improve reserves to $8.5M. Maintain DCR of 120%+. Refund eligible bonds.
   2.2 Three-year Goal: Improve reserves to $9.5M. Maintain DCR of 120%+. Lower Imported Water Rates.
   2.3 Five-year Goal: Implement a new rate structure that stabilizes imported water revenue, lowers imported water costs, provides improved services to customers (no additional cost), provides sufficient capital improvement program investment, maintains 120%+ DCR, and grows reserves to $12.5M.

3. **Education & Advocacy: CBMWD will proactively educate, engage, inform, and provide support services to our K14 educational communities, customers/member agencies (purveyors), and service area residents related to water conservation and local water demand management resources available for: recycled water, water efficiency, groundwater, and stormwater programs/projects.**
   3.1 One-year Goal: Grow on-site recycled water retrofit program and water conservation outreach.

3.2 Three-year Goal: Initiate one stormwater project. Add one new industrial recycled water customer. Re-establish our K14 educational outreach and educational program. Provide local resource development and groundwater support to our customers in collaboration with WRD.

3.3 Five-year Goal: Establish partnership(s) to provide certification and training opportunities for K14 students interested in a career as a water operator and/or civil engineer. Formalize support of ongoing local resource development and groundwater support with interested customers, small water systems and mutual water companies in collaboration with WRD.

4. **Energy & Technology: CBMWD will implement energy and technology initiatives that result in efficient, cost effective and zero energy operations.**

4.1 One-year Goal: Assess the options and solutions for technology and energy innovation/implementation.

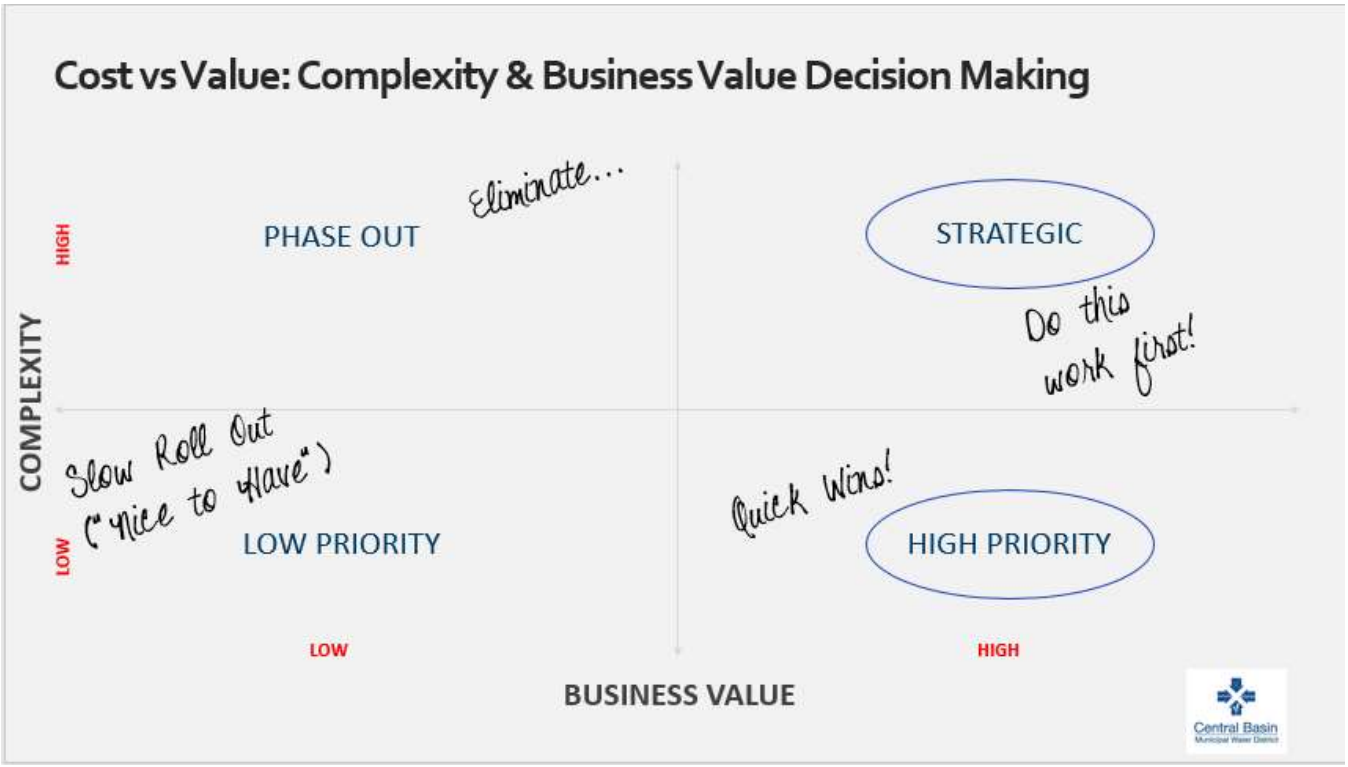
4.3 Three-year Goal: Implement technology and energy solutions that results in a reduction of operational costs and/or improves revenues by 10%.

4.3 Five-year Goal: Implement technology and energy solutions that results in a reduction of operational costs, recovery of non-revenue water and/or improvement of revenues by 30%. Be a net-zero energy utility.

Business Value Decision Making

Determining which activities to focus on first is one of the greatest challenges of implementing a strategic plan. A process to prioritize the activities needs to be undertaken in order to focus the Central Basin Municipal Water District's resources in implementing its strategic plan and leading to successful outcomes. The key benefits and costs of each activity should be outlined as much as possible. Figure 4 below outlines this process.

Figure 4 – Activity Prioritization Process



The above analysis can be organized into tables shown in Figure 5 on the following page.

Figure 5 – Activity Table Example

Focus Area: Energy & Technology: Goal: One-Year Goal: Move to Hosted (SAAS) Tyler Technologies					
Activities	Owner	Timeline	Benefits (Value)	Estimated Costs	Estimated Benefits ($)
Transition to more secure and affordable ERP system	IT, GM, Finance Staff	1 month	Tyler Technologies has been our ERP provider for over 10 years	-	-
Start transition	IT, NICP, Tyler Tech, Finance Staff	6 months	Tyler has a hosted ERP solution with Improved security and disaster recovery	$10,000	-
Complete Transition	IT, GM, NICP, Tyler Tech, Finance Staff	2 months	Reduced operating, software, service & equipment costs	$165,000	$45,000/yr cost savings

Based upon each activity's cost/benefit analysis, the Central Basin Municipal Water District can now prioritize all of the activities identified for each strategic priority. This prioritization of activities will be reflected in the multi-year financial plan as well as the annual budget, which are described in more detail in separate documents.

Determination of Key Performance Indicators & Budget Development

Based on the goal, each activity should have specific key performance indicators that are Specific, Measurable, Attainable, Realistic and Timely (S.M.A.R.T.) making the vision more concrete by defining how success is measured. Performance indicators are used to monitor progress towards strategic priorities, closing the gap between the current state and the desired state, as defined by the vision. They will help track the realization of strategic priorities, measuring the progress towards realizing the vision. Performance indicators should focus on desired outcomes for strategic priorities.

When determining key performance indicators, the following principles should be kept in mind:

- Link to the Central Basin Municipal Water District's goals;
- Limit to the select few that measure success;
- Guide desired decisions and behaviors;
- Can be easily understood and measured; and
- Are relevant to all Central Basin Municipal Water District's stakeholders.

Once the Central Basin Municipal Water District has defined its key performance indicators, targets can be set, which are the value of a key performance indicator at a specific moment in time. Targets can be set on a yearly basis or by the end of the five year plan and focus on outcomes or actions.

In order to keep track of the progress towards achieving the strategic plan and the Central Basin Municipal Water District's vision, a process to monitor and measure performance must be put in place. An owner should be identified for each process and the frequency of reporting should be specified and should aim to be at least annually, if not quarterly.

It is possible that certain activities may need to be revisited and recalibrated due to changes in the internal and external environment and reprioritized depending on the results attained each year.

Budget Development

In order to gain the full benefit of the strategic plan, it must be implemented in a way that helps to guide all actions of the staff and Board; furthermore, it must remain an integrated part of the annual budget planning process and supported by data-driven strategic decision making.

The *Annual Budget Planning Document* will ensure the annual budget development process is aligned to the strategic plan and focus area goals.

Annual Budget Planning Document

Focus Area: Water Supply: CBMWD will partner with retailers and wholesalers to provide a level of regional water reliability that ensures customers'/member agencies' (purveyors') water needs are met:

GOAL	Annual Budget	1-YR	3-YR	5-YR
Increase Recycled Water Development	$50,000	4,150/AF	4,950/AF	6,500/AF
Districtwide grant writing, leak detection, UWMP services	$500,000	20% participation	50% participation	80% participation
Water Conservation & Efficiency Participation	$350,000	1 Project	3 Projects	5 Projects
Professional Services & Support	$500,000	1 Project	2 Projects	3 Projects

Annual Budget Planning Document

Focus Area: Financial Integrity: CBMWD will manage its financial resources in a responsible, effective, and transparent fashion:

GOAL	Annual Budget	1-YR	3-YR	5-YR
DCR of 120% or higher	-	124.8%	125%	125%
Rate Structure affordable and adequate (REV)	$10,545,240	$10,860,575	$11,186,392	$11,521,984
Annual CIP Budget	$1,300,000	$1,750,000	$1,950,00	$2,100,000
RTS & Capacity Charges	$969,753	$940,660	$912,440	$885,067

Annual Budget Planning Document

Focus Area: Education & Advocacy: CBMWD will proactively educate, engage, inform, and provide support services to our K14 educational communities, customers/member agencies (purveyors), and service area residents related to water conservation and local water demand management resources available for: recycled water, water efficiency, and stormwater programs/projects:

GOAL	Annual Budget	1-YR	3-YR	5-YR
On-site Retrofit Program Participation	$75,000	1 Project	2 Projects	3 Projects
Water Conservation & Efficiency Participation	$50,000	1 Project	2 Projects	3 Projects
K14+ Educational Outreach	$50,000	1 District	3 Districts	5 Districts
Community Outreach & Education	$250,000	1 Project	3 Projects	4 Projects

Annual Budget Planning Document

Focus Area: Energy & Technology: CBMWD will implement energy and technology initiatives that result in efficient, cost effective and zero energy operations:

GOAL	Annual Budget	1-YR	3-YR	5-YR
Reduce On-site Technology Infrastructure	$150,000	20% Cloud-Hosted	60% Cloud-Hosted	80% Cloud-Hosted
Zero Energy Footprint	$600,000	-	50% Progress	100% Zero Energy
SMART Utility Implementation	$250,000	CBMWD Recycled Water System	1 Proof of Concept	1 Implementation
Artificial Intelligence: CIP Planning Software	$50,000	CBMWD Recycled Water System	1 Proof of Concept	1 Implementation

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Dr. Alejandro Rojas

PRESENTATION

Capital Investment Plan

EXHIBITS:

23Nov008 CIP Plan FY2021 22.pdf

Capital Investment Plan



Annual Report FY 2021/22

CENTRAL BASIN MUNICIPAL WATER DISTRICT

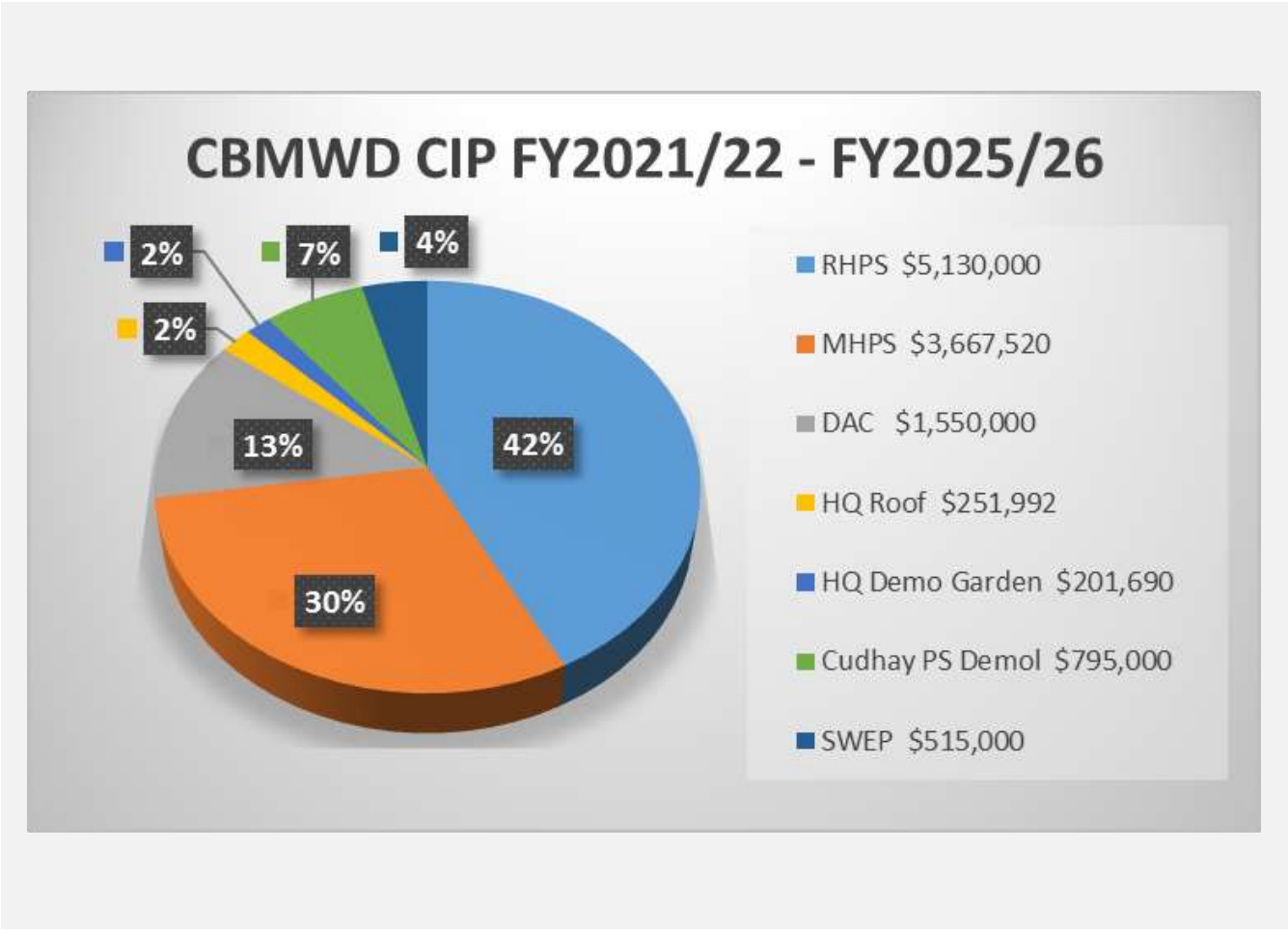
Capital Investment Plan

FY2021/22 – FY2025/26

Central Basin Municipal Water District's Capital Investment Plan (CIP) planned expenditures for FYs 2021/22 through 2025/26 are $11,316,202 appropriated by the Board and are summarized below in Figure 1.

The Board delegated authority to the General Manager, subject to the General Manager's authority and as addressed in the District's administrative code, to initiate or proceed with work on all planned capital projects identified in the CIP for FYs 2021/22 through 2025/26.

Figure 1: CIP for FYs 2021/22 – 2025/26 by Project



PLANNED EXPENDITURE AND BUDGET

Table 1 below shows planned expenditures for the current budget and forecasts expenditures through FY 2025/26.

Table 1: Current FY Planned & Projected Expenditures through FY 2025/26

CBMWD CIP	Budget	FY2021/22	FY2022/23	FY2023/24	FY2024/25	FY2025/26
RHPS	$ 5,130,000	$ 850,000	$ 1,350,000	$ 1,420,000	$ 660,000	$ 850,000
MHPS	$ 3,667,520	$ 300,000	$ 1,100,500	$ 1,100,500	$ 1,166,520	$ -
DAC	$ 1,550,000	$ 50,000	$ 750,000	$ 750,000	$ -	$ -
HQ Roof	$ 251,992	$ 251,992	$ -	$ -	$ -	$ -
HQ Demo Garden	$ 201,690	$ 201,690	$ -	$ -	$ -	$ -
Cudhay PS Demol	$ 795,000	$ -	$ -	$ 397,500	$ 397,500	$ -
SWEP	$ 515,000	$ 250,000	$ 265,000	$ -	$ -	$ -
TOTAL	**$ 12,111,202**	**$ 1,903,682**	**$ 3,465,500**	**$ 3,668,000**	**$ 2,224,020**	**$ 850,000**

As shown in Table 1, the total planned expenditures in the current FY are $1,903,682 and future projected expenditures are $10,207,520 through FY2025/26. The current total budget for all projects is $12,111,202 with approximately $2,165,000 in grant funds/reimbursements for a total net budget of $9,946,202. As additional grant funds are awarded we will adjust the net budget impact to the District accordingly.

PROJECT DESCRIPTIONS

The following provides a summary of each project.

- **Rio Hondo Pump Station (RHPS):** At this time, the District is looking to plan and perform the work necessary to rehabilitate and/or upgrade the District's aging RHPS located in the City of Pico Rivera. The RHPS was constructed in 1993 as one of the first, and largest, recycled water pump stations for the District. Previous improvements to the RHPS were planned in 2010 with upgrades and modifications made in 2012. Much of the existing equipment at the RHPS, including two (2) of the three (3) service pumps, are the original equipment installed in 1993.

  The scope of work for this project includes an enhanced assessment of the entire RHPS to determine what improvements are needed/prudent at this time. The District's general objectives for this phased project are to be completed in four (4) Phases: The District in 2019 hired Hazen and Sawyer, the Consultant to perform and prepare a Preliminary Design Report and Conditions Assessment of RHPS. The assessment included evaluating the condition of the RHPS and all its various subsystem components; tabulate the components and their conditions; determine what improvements are needed and developing a phasing plan for the

recommended improvements based on the identified priorities, costs, and economies due to packaging of multiple related improvements or other factors currently being developed under related expansion projects. The Preliminary Design Report and Conditions Assessment of RHPS was completed and submitted on November 2019 at a cost of $91,515.

- **Montebello Hills Pump Station (MHPS):** Central Basin MWD, Toll Brothers, Inc. (a publicly traded homebuilding company), the City of Montebello, and the San Gabriel Valley Water Company are involved in a pipeline project and pump station project to bring recycled water supply for grading, construction, and permanent irrigation into the northern area of the City of Montebello. Toll Brothers, Inc. has started developing a 488-acre residential community in the City of Montebello with approximately 1,200 units. The 16-inch recycled water pipeline has been completed and started supplying recycled water to the project in December 2020. The 2,600 linear foot pipeline was extended from the District's existing distribution system within Lincoln Avenue and headed north within Montebello Boulevard to the project area.

  The total permanent irrigated area within the Montebello Hills Site will use approximately 240 AF per year for a proposed park, landscaped slopes, recreation facilities, greenbelts and parkways. Dust control and grading may require more than 240 AF per year. If more recycled water is available beyond 240 AF per year, staff will look into providing up to 200 AF additional supply to the Montebello Hills Development site.

- **DAC Recycled Water Expansion (DAC):** Central Basin Municipal Water District (CBMWD) will expand the recycled water system to improve local water supply reliability specifically to Disadvantaged Communities (DAC). In order to conserve valuable potable water supply sources, this Project seeks to offset 110 acre-feet per year (AFY) with recycled water for non-potable purposes.

  The Project will supply recycled water to nine sites within DAC locations; therefore, 100% of the Project area encompasses DACs and 100% of the benefits will go to DACs. The major physical components of the Project include approximately 4,000 linear feet (LF) of recycled water pipeline that will be connected to Central Basin MWD's recycled water distribution system. There will be nine laterals (i.e., one to each customer) with a variety of lengths (20 to 1,400 linear feet). The pipelines will be installed within the public right-of-way; therefore, land acquisition and easements are not required for this Project.

  The anticipated physical benefits of the Project include the primary benefit of 110 AFY of recycled water supply that will offset groundwater and imported water.

The secondary benefit is addressing climate change by offsetting greenhouse gas emissions and saving energy in the amount of over 0.19 metric tons of carbon dioxide per year and a savings of 220,000-kilowatt hours, respectively.

The intended outcome of the Project is to reduce potable water demand by 110 AFY by offsetting groundwater and imported water supplies with locally-produced recycled water from the Los Angeles County Sanitation Districts. Additionally, the Project will offset the amount of greenhouse gases being emitted and energy being consumed by reducing imported water and groundwater pumping.

- **District HQ Roof Repair:** Roof replacement project due to significant rain damage.

- **District HQ Demonstration Garden:** Installation of a water conservation garden and replace the damaged irrigation system.

- **Cudhay Pump Station Demolition (Cudhay PS Demol):** The Cudahy PS was built in a concrete vault located approximately 11 feet below existing ground surface. Currently, CBMWD does not operate the pump station and desires to abandon and demolish the Cudahy PS in accordance with the requirements of the City and associated utilities. The goal is to demolish the pump station and replace the site with a drought friendly/demonstration garden landscape.

- **SWEP Water Efficiency Projects (SWEP):** Water Conservation Projects in the city of Lynwood and the local school district. The LUSD has over 18 school sites and they selected five sites to install various water conserving fixtures. The schools' infrastructure is not updated and many of the existing fixtures have been identified as ideal projects for implementing water conservation measures. The school sites will be further evaluated for highest and best use of the grant funding as it relates to the individual school sites and facilities. The final quantity of water saving fixtures will depend on the existing conditions and infrastructure. The city is also considering upgrades to the city hall and/or local park facilities.

TASK ORDERS AND CONSTRUCTION CONTRACTS

The table below summarizes the Task Orders and all active construction contracts. Once a Task Order has been approved the initial pre-construction and design work begins. Prior to proceeding with final design or construction, budgets are established that best provide a quality and timely project delivery.

Once final design is approved, and the District is ready to proceed, the PM/CM will bid the project and make a recommendation to award a construction contract which is brought to the Board for approval prior to issuing a Notice to Proceed (NTP) to the general contractor/construction firm.

Table 2: Task Order by Project and Active Construction Contracts

CBMWD CIP	TASK ORDER	CONSTRUCTION CONTRACTS	STATUS
RHPS	1	0	Pre-Construction & Design
MHPS	1	0	Pre-Construction & Design
DAC	1	0	Pre-Construction & Design
HQ Roof	1	1	NTP, Mobilization
HQ Demo Garden	1	1	Finalizing Contract, NTP Pending
Cudhay PS Demol	0	0	Conceptual, Site-Walk
SWEP	1	-	No construction (admin only)
	6	**2**	

PERFORMANCE METRICS

In order to measure project performance efficiency the District has established construction performance targets. The targets are designed to ensure efficient, on-time, on-budget project delivery and to optimize staff, PM/CM, consultant costs based on project complexity. The District's construction performance targets are listed in Table 3 below.

Table 3: Construction Performance Targets

Project Cost (ROM)	Project Complexity	Project Management Fee (% of Project Costs)	Construction Management Fee (% of Construction Costs)	Contingency Costs Projection (% of Project Costs)
$25,000 - $199,999	Low	10.0%	15.0%	20.0%
$200,000 - $999,999	Low	8.0%	15.0%	20.0%
$1,000,000 - $4,999,999	Low	6.0%	15.0%	20.0%
$5,000,000 - $9,999,999	Low	3.0%	15.0%	20.0%
$10,000,000 - $19,999,999	Low	2.5%	15.0%	20.0%
$20,000,000 +	Low	2.0%	15.0%	20.0%

Project Cost (ROM)	Project Complexity	Project Management Fee (% of Project Costs)	Construction Management Fee (% of Construction Costs)	Contingency Costs Projection (% of Project Costs)
$25,000 - $199,999	Medium	12.5%	15.0%	25.0%
$200,000 - $999,999	Medium	12.0%	15.0%	25.0%
$1,000,000 - $4,999,999	Medium	10.0%	15.0%	25.0%
$5,000,000 - $9,999,999	Medium	5.0%	15.0%	25.0%
$10,000,000 - $19,999,999	Medium	3.0%	15.0%	25.0%
$20,000,000 +	Medium	2.0%	15.0%	25.0%

Project Cost (ROM)	Project Complexity	Project Management Fee (% of Project Costs)	Construction Management Fee (% of Construction Costs)	Contingency Costs Projection (% of Project Costs)
$25,000 - $199,999	High	15.0%	15.0%	30.0%
$200,000 - $999,999	High	12.5%	15.0%	30.0%
$1,000,000 - $4,999,999	High	10.0%	15.0%	30.0%
$5,000,000 - $9,999,999	High	8.0%	15.0%	30.0%
$10,000,000 - $19,999,999	High	5.0%	15.0%	30.0%
$20,000,000 +	High	3.0%	15.0%	30.0%

PM Fee: Engineering, design, options analysis, feasibility studies, project estimates, ROM, inspections, permits, design drawings, construction specifications, bid packages, and contractor selection.

CM Fee: Site development work, installation of equipment and supporting systems (mobilization), safety training, PLA compliance, startup (NTP), punchlist work, and closeout activities.

Contingency Costs: abnormal weather caused delays; cost overruns; incomplete designs or design errors; concealed conditions; regulatory change; unanticipated price of materials; overtime not due to unexcused delays of contractor or its subcontractors; scope gaps between trade subcontractors; costs incurred due to force majeure delays; change orders; warranty costs prior to final completion; costs to address safety items; cost overruns of general conditions; costs incurred to repair damaged or non-conforming work executed by the contractor or subcontractors which are not otherwise reimbursable.

RECYCLED WATER EXPANSION AND ON-SITE RETROFIT PROGRAM

The District receives requests from industrial customers, investor owned utilities and public water agencies to expand the use of recycled water for non-potable uses. The District contributes annually to our unrestricted ending fund balance (reserves) to fund these projects based on the number of requests and timeline for project deployment. The District typically recoups the cost of the initial capital outlay between five and ten years depending on the size/complexity of the project. Table 4 lists the pending recycled water projects and status of the project.

Table 4: Pending Recycled Water Projects & Status

RECYCLED WATER PROJECT	BUDGET	CAPITAL OUTLAY (Projected)	PROJECTED CAPITAL OUTLAY (Fiscal Year)	PROJECT COMPLETION	STATUS
INDUSTRIAL	$45,000,000	$ -		11/30/2023	Pre-Construction, Design & CEQA
INDUSTRIAL	$ 79,540	$ 41,040	FY2021-22	12/31/2021	Pre-Construction & Design
MUNICIPAL	$ 8,000,000	$ 8,000,000	TBD	TBD	Design & CEQA Complete. HOLD (funding).
MUNICIPAL	$ 3,000,000	$ 3,000,000	TBD	TBD	Design & CEQA Complete. HOLD (funding).
MUNICIPAL	$ 1,600,000	$ 1,600,000	TBD	TBD	Design & CEQA Complete. HOLD (funding).
	$57,679,540	**$12,641,040**			

The District partners with other agencies on securing grants and rebates to fund recycled water expansion and on-site retrofit projects to reduce, or offset, the initial capital outlay. In some cases the District will fund the initial cost of the project and receive rebates, or reimbursements, which are reinvested in current recycled water projects or allocated to the unrestricted ending fund balance (reserves) for future recycled water expansion projects.

Upon board approval recycled water expansion projects will be added to the CIP budget.

ANNUAL REPORTING

The District will update its CIP annually and present the updated plan to the Board in the second quarter of the fiscal year.

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Dr. Alejandro Rojas

ACTION ITEM

Authorization by the Board of Directors for Director Michael Gualtieri

RECOMMENDED MOTION:

That the Board authorize Board Vice President Michael Gualtieri sign the board approved contracts with Carr, Riggs & Ingram, LLC.

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

ACTION ITEM

December 2023 District Meetings and Office Closure Schedule

RECOMMENDED MOTION:

That the Board approve the District office closure on December 19, 20, 26 and 27, 2023, in observance of the holidays, and that staff use their vacation hours for these days unless they elect to work their regular schedule and remain available for regular business operations and administrative support services.

EXHIBITS:

23nov000 - Office Closure -FINAL.pdf

Central Basin Municipal Water District

NOVEMBER 27, 2023 – Board Meeting
Prepared by: Elizabeth Brizuela
Submitted by: Elizabeth Brizuela
Approved by: Dr. Alejandro Rojas

ACTION CALENDAR

DECEMBER 2023 DISTRICT MEETINGS AND OFFICE CLOSURE SCHEDULE

SUMMARY:

Below is a brief overview of the District's schedule for the month of December 2023.

Date	Meeting/District Office Closure
December 4, 2023	Water Resources & Governmental Affairs Committee
December 6, 2023	Engineering & Operations Committee
December 7, 2023	Administration & Finance Committee
December 18, 2023	Central Basin Board of Directors Meeting
December 19-20, 2023	OFFICE CLOSURE
December 21, 2023	District Office Closed 4/10 Schedule
December 22, 2023	District Office Closed for Christmas Eve
December 25, 2023	District Office Closed for Christmas Holiday
December 26-27, 2023	OFFICE CLOSURE
December 28, 2023	District Office Closed 4/10 Schedule
December 29, 2023	District Office Closed for New Years Eve
January 1, 2024	District Office Closed for New Year's Holiday
January 2, 2024	District Office Opens

The District every year publishes a December calendar detailing the office closures for December. The December Board meeting will take place the third Monday of the month, given the fourth Monday lands on Christmas day. This year, as listed in the table above, the December Board meeting is scheduled for Monday, December 18, 2023.

Part 2, Chapter 1, Article 4, Section 4.2(a) states the following:
"When the fourth Monday of December falls between December 25 and December 31, the Board shall hold its regular meeting on the third Monday of December at 10:00 a.m."

This year, the fourth Monday in December falls between December 25-31; therefore, the regular Board meeting is scheduled for December 18, 2023. Also, due to the way the holiday falls this year, it is suggested that the District office be closed on December 19, 20, 26 and 27. The General Manager recommends closing the office for the holidays, during which time staff will use their vacation hours unless they elect to work their regular schedule and remain available for regular business operations and administrative support services.

During this period, Inframark will continue to operate the District's Recycled Water Distribution System, and they can be contacted at:
daytime: (323) 491-6514 or (323) 491-6715, and after hours: (562) 308-5400.

PROCUREMENT PROCESS:

Not applicable.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDED MOTION:

That the Board approve the District office closure on December 19, 20, 26, and 27, 2023, in observance of the holidays, and that staff use their vacation hours for these days unless they elect to work their regular schedule and remain available for regular business operations and administrative support services.

EXHIBITS:

None

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Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Dr. Alejandro Rojas

CONSENT ITEM

Investment Report, Liquidity and Day's Cash Evaluation - October Activities

EXHIBITS:

23November003 Investment Summary Exhibit A Nov 2023.pdf
23November003 Investment Summary Exhibit B Nov 2023.pdf
23November003 Investment Summary Exhibit C Nov 2023.pdf

EXHIBIT "A"

Central Basin Municipal Water District Treasurer's Cash and Investment Report as of 10/31/2023

Unrestricted Funds		**Balance**
Cash In Bank		$ 2,737,280
Net Cash Available LAIF	(Note 1)	$ 5,382,635
Net Cash Available LACPIF	(Note 2)	$ 1,152,067
Investments	(Note 3)	$ 4,815,764
		$ 14,087,746
Restricted Funds		
Depository Fixed Payment Account	(Note 4)	$ 27,294
		$ 27,294
Unrestricted & Restricted Funds		**$ 14,115,041**

NOTES:

(1) Local Agency Investment Fund (LAIF) interest is computed daily on balances outstanding.

(2) Los Angeles County Pooled Investment Fund (LACPIF) interest is compounded daily on balanaces outstanding.

(3) Unrestricted Investments with UBS.

(4) The Depository Fixed Payment Account (Lockbox: standby revenue funds holding account)

I hereby certify that sufficient investment liquidity and anticipated revenues are available to meet the District's estimated expenditures for the next six months.

Approved: _____

Alejandro Rojas, General Manager & Treasurer

US BANK **As of: 10/31/23** **EXHIBIT "B"**

Group: RESTRICTED RESERVE FUNDS

Asset Type	Asset Name	CUSIP	Shares/Units	Days to Maturity	Market Value	Net Unrealized Gain/Loss	Annual Yield	Maturity Date	S&P Rating	% of Total Market Value	Industry
CENTRAL BASIN MWD DEPOSITORY AC	GOLDMAN SACHS TST SQR TRY IN FST 506	38142B500	27294.4700	-	$ 27,294	-	5.27%	-	-	100%	
				TOTAL	**$ 27,294**	**$ -**			**TOTAL**	**100.0%**	

	Market Value	Net Unrealized Gain/Loss
Cash & Cash Equivalents	$ -	$ -
Government Obligations	$ 27,294	$ -
Non-Life Insurance Policies	$ -	$ -
Corporate Obligations	$ -	$ -
TOTAL	**$ 27,294**	**$ -**

EXHIBIT "C"
Budget Performance Report

Date Range 07/01/23 - 10/31/23
Include Rollup Account and Rollup to Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
REVENUE									
49999	Transfer In From Other Funds	2,313,004.00	.00	2,313,004.00	.00	.00	.00	2,313,004.00	0
Department **99 - Central Basin**									
Division **999 - Districtwide**									
40000	MET RTS	342,266.00	.00	342,266.00	.00	.00	32,208.30	310,057.70	9
40001	Water Sales - Non-Interrupt Treated MWD Base (Tier 1)	27,563,630.00	.00	27,563,630.00	.00	.00	6,193,925.16	21,369,704.84	22
40003	Water Sales - Non-Interrupt Treated MWD RTS (Tier 1)	.00	.00	.00	.00	.00	114.00	(114.00)	+++
40005	Water Sales - Non-Interrupt Treated Admin Surcharge (Tier 1)	3,801,880.00	.00	3,801,880.00	.00	.00	869,516.47	2,932,363.53	23
40021	CB Water Meter Service Charges	941,280.00	.00	941,280.00	.00	.00	156,880.00	784,400.00	17
40035	MET Capacity Charges	658,389.00	.00	658,389.00	.00	.00	100,492.30	557,896.70	15
40039	MET Water Sales - LRP Rebate	30,142.00	.00	30,142.00	60,450.00	.00	.00	30,142.00	0
41001	Water Sales - Recycled	4,443,750.00	.00	4,443,750.00	.00	.00	624,803.19	3,818,946.81	14
41002	Admin Fee per Contract	.00	.00	.00	.00	.00	5,460.00	(5,460.00)	+++
41003	Grant Revenue - Operating	450,000.00	.00	450,000.00	.00	.00	.00	450,000.00	0
42001	Water Sales - Treated Groundwater	.00	.00	.00	.00	.00	10,272.30	(10,272.30)	+++
43001	Standby Revenue	3,281,962.00	.00	3,281,962.00	.00	.00	.00	3,281,962.00	0
43002	Standby Revenue - Interest and Penalty	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0
44001	Interest Income	73,000.00	.00	73,000.00	.00	.00	.00	73,000.00	0
45003	Miscellaneous Revenue	48,000.00	.00	48,000.00	438.00	.00	193,738.17	(145,738.17)	404
45005	Unrealized Gain/Loss on Investments	112,675.00	.00	112,675.00	.00	.00	.00	112,675.00	0
45009	Grant Revenue - Non-Operating	2,378,684.00	.00	2,378,684.00	.00	.00	.00	2,378,684.00	0
	Division **999 - Districtwide** Totals	$44,145,658.00	$0.00	$44,145,658.00	$60,888.00	$0.00	$8,187,409.89	$35,958,248.11	19%
	Department **99 - Central Basin** Totals	$44,145,658.00	$0.00	$44,145,658.00	$60,888.00	$0.00	$8,187,409.89	$35,958,248.11	19%
	REVENUE TOTALS	$46,458,662.00	$0.00	$46,458,662.00	$60,888.00	$0.00	$8,187,409.89	$38,271,252.11	18%
EXPENSE									
Department **10 - District Administration**									
Division **100 - Department Administration**									
51001	Salaries and Wages - Regular	396,000.00	.00	396,000.00	30,531.44	.00	121,848.56	274,151.44	31
51023	Car Allowance	7,173.00	.00	7,173.00	597.68	.00	2,390.72	4,782.28	33
51025	GM/Director's Communication	1,200.00	.00	1,200.00	100.00	.00	400.00	800.00	33
51041	Soc Security Expense	30,271.00	.00	30,271.00	1,014.78	.00	4,037.94	26,233.06	13
51061	Retirement - CalPERS	27,699.00	.00	27,699.00	6,771.56	.00	26,505.38	1,193.62	96
51063	Retirement - 401(a)	37,006.00	.00	37,006.00	.00	.00	.00	37,006.00	0
51071	Education Reimbursement	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
52001	Insurance - Life	712.00	.00	712.00	72.90	.00	291.60	420.40	41
52003	Insurance - Long Term Disability	2,552.00	.00	2,552.00	200.82	.00	798.30	1,753.70	31
52005	Insurance - Health - Employees Medical	45,584.00	.00	45,584.00	3,706.01	.00	14,824.04	30,759.96	33
52007	Insurance - Health - Employees Dental	4,064.00	.00	4,064.00	338.60	.00	1,354.40	2,709.60	33

Budget Performance Report

Date Range 07/01/23 - 10/31/23
Include Rollup Account and Rollup to Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **10 - District Administration**									
Division **100 - Department Administration**									
52009	Insurance - Health - Employees Vision	438.00	.00	438.00	36.56	292.48	146.24	(.72)	100
52013	HRA - Health - Employees	24,000.00	.00	24,000.00	.00	.00	.00	24,000.00	0
52019	Employee Assistance Program	60.00	.00	60.00	4.96	.00	19.84	40.16	33
53009	Consultants	45,000.00	.00	45,000.00	.00	.00	.00	45,000.00	0
53105	Courier Services	4,800.00	.00	4,800.00	.00	.00	.00	4,800.00	0
55001	Office Supplies	3,500.00	.00	3,500.00	97.12	.00	467.81	3,032.19	13
55009	Meeting Expense	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
55017	Subscriptions	1,500.00	.00	1,500.00	.00	.00	463.25	1,036.75	31
55019	Memberships and Certifications	115,000.00	.00	115,000.00	17,272.50	.00	66,232.12	48,767.88	58
56001	Employee Travel - Airfare	5,000.00	.00	5,000.00	.00	.00	693.52	4,306.48	14
56003	Employee Travel - Other Transportation	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56005	Employee Travel - Mileage	1,500.00	.00	1,500.00	.00	.00	.00	1,500.00	0
56007	Employee Travel - Meals	2,000.00	.00	2,000.00	.00	.00	.00	2,000.00	0
56009	Employee Travel - Lodging	8,500.00	.00	8,500.00	.00	.00	2,110.08	6,389.92	25
56011	Employee Travel - Registration/Due	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0
	Division **100 - Department Administration** Totals	$789,059.00	$0.00	$789,059.00	$60,744.93	$292.48	$242,583.80	$546,182.72	31%
Division **102 - Board Services**									
51021	Director's Per Diem	283,384.00	.00	283,384.00	10,597.02	.00	44,020.27	239,363.73	16
51023	Car Allowance	19,100.00	.00	19,100.00	1,588.00	.00	6,352.00	12,748.00	33
51025	GM/Director's Communication	9,600.00	.00	9,600.00	800.00	.00	3,200.00	6,400.00	33
51026	Director's Mileage	500.00	.00	500.00	.00	.00	.00	500.00	0
51027	Director's Transportation	2,500.00	.00	2,500.00	.00	.00	208.01	2,291.99	8
51028	Director's Registration and Dues	49,000.00	.00	49,000.00	(950.00)	.00	(450.00)	49,450.00	-1
51029	Director's Housing and Accommodations	10,000.00	.00	10,000.00	.00	.00	2,126.31	7,873.69	21
51030	Director's Meals	12,000.00	.00	12,000.00	.00	.00	34.35	11,965.65	0
51031	Director's Health Benefit - Medical	48,329.00	.00	48,329.00	3,929.22	.00	13,640.04	34,688.96	28
51032	Director's Health Benefit - Dental	3,745.00	.00	3,745.00	359.98	.00	1,298.62	2,446.38	35
51033	Director's Health Benefit - Vision	657.00	.00	657.00	73.12	385.68	292.48	(21.16)	103
51034	Director Life Insurance	88.00	.00	88.00	7.29	.00	29.16	58.84	33
51036	HRA - Health - Directors	24,000.00	.00	24,000.00	.00	.00	.00	24,000.00	0
51041	Soc Security Expense	21,679.00	.00	21,679.00	993.35	.00	4,098.27	17,580.73	19
52019	Employee Assistance Program	90.00	.00	90.00	7.44	.00	29.76	60.24	33
53105	Courier Services	10,000.00	.00	10,000.00	446.02	8,724.05	1,442.64	(166.69)	102
55001	Office Supplies	5,000.00	.00	5,000.00	.00	.00	109.24	4,890.76	2
55005	Printing	.00	.00	.00	.00	(896.30)	.00	896.30	+++
55009	Meeting Expense	24,975.00	.00	24,975.00	5,440.59	13,000.00	10,825.21	1,149.79	95
55013	Election Expense	725,000.00	.00	725,000.00	.00	.00	.00	725,000.00	0

Budget Performance Report

Date Range 07/01/23 - 10/31/23
Include Rollup Account and Rollup to Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **10 - District Administration**									
Division **102 - Board Services**									
55015	Postage	6,500.00	.00	6,500.00	.00	.00	.00	6,500.00	0
57027	Lease Expense	.00	.00	.00	.00	(.56)	.00	.56	+++
Division **102 - Board Services** Totals		$1,256,147.00	$0.00	$1,256,147.00	$23,292.03	$21,212.87	$87,256.36	$1,147,677.77	9%
Division **103 - IT & Building Services**									
55003	Computer Supplies	23,500.00	.00	23,500.00	.00	.00	.00	23,500.00	0
55005	Printing	.00	500.00	500.00	.00	446.22	53.78	.00	100
55017	Subscriptions	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0
55021	Permits and Licenses/Software Licenses	150,000.00	.00	150,000.00	428.19	6,979.73	12,016.22	131,004.05	13
55025	Insurance - Dist/Director Property/Auto & General Liability	288,118.00	.00	288,118.00	.00	.00	.00	288,118.00	0
57003	Telephone/Data	52,400.00	.00	52,400.00	4,365.78	22,696.25	17,369.95	12,333.80	76
57019	Landscape	1,200.00	.00	1,200.00	.00	.00	.00	1,200.00	0
57025	Security - Guards	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0
57027	Lease Expense	149,110.00	.00	149,110.00	13,655.86	65,045.42	54,793.11	29,271.47	80
Division **103 - IT & Building Services** Totals		$704,328.00	$500.00	$704,828.00	$18,449.83	$95,167.62	$84,233.06	$525,427.32	25%
Department **10 - District Administration** Totals		$2,749,534.00	$500.00	$2,750,034.00	$102,486.79	$116,672.97	$414,073.22	$2,219,287.81	19%
Department **20 - Finance**									
Division **100 - Department Administration**									
51001	Salaries and Wages - Regular	330,000.00	.00	330,000.00	25,611.94	.00	97,691.14	232,308.86	30
51041	Soc Security Expense	30,460.00	.00	30,460.00	1,959.33	.00	7,480.97	22,979.03	25
51061	Retirement - CalPERS	55,000.00	.00	55,000.00	5,763.64	.00	21,994.90	33,005.10	40
51071	Education Reimbursement	12,000.00	.00	12,000.00	.00	.00	.00	12,000.00	0
52001	Insurance - Life	1,070.00	.00	1,070.00	109.35	.00	437.40	632.60	41
52003	Insurance - Long Term Disability	2,883.00	.00	2,883.00	237.30	.00	866.34	2,016.66	30
52005	Insurance - Health - Employees Medical	48,000.00	.00	48,000.00	3,892.29	.00	15,569.16	32,430.84	32
52007	Insurance - Health - Employees Dental	3,745.00	.00	3,745.00	312.12	.00	1,248.48	2,496.52	33
52009	Insurance - Health - Employees Vision	660.00	.00	660.00	54.84	329.12	219.36	111.52	83
52013	HRA - Health - Employees	24,000.00	.00	24,000.00	.00	.00	.00	24,000.00	0
52019	Employee Assistance Program	90.00	.00	90.00	7.44	.00	29.76	60.24	33
53001	Accounting and Auditing	78,680.00	.00	78,680.00	.00	.00	.00	78,680.00	0
53009	Consultants	125,000.00	.00	125,000.00	25,672.25	23,748.00	58,022.25	43,229.75	65
53105	Courier Services	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
54001	Bank Charges	13,000.00	.00	13,000.00	.00	.00	266.23	12,733.77	2
55001	Office Supplies	2,000.00	.00	2,000.00	.00	.00	1,431.78	568.22	72
55005	Printing	1,800.00	(500.00)	1,300.00	.00	.00	.00	1,300.00	0
55009	Meeting Expense	500.00	.00	500.00	.00	.00	.00	500.00	0
55015	Postage	1,500.00	.00	1,500.00	215.00	.00	611.00	889.00	41

Budget Performance Report

Date Range 07/01/23 - 10/31/23
Include Rollup Account and Rollup to Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **20 - Finance**									
Division **100 - Department Administration**									
55017	Subscriptions	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0
55019	Memberships and Certifications	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
55023	County Assessment Charges	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0
56001	Employee Travel - Airfare	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
56003	Employee Travel - Other Transportation	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56005	Employee Travel - Mileage	1,500.00	.00	1,500.00	.00	.00	.00	1,500.00	0
56007	Employee Travel - Meals	1,250.00	.00	1,250.00	180.64	.00	180.64	1,069.36	14
56009	Employee Travel - Lodging	5,000.00	.00	5,000.00	292.52	.00	292.52	4,707.48	6
56011	Employee Travel - Registration/Due	8,500.00	.00	8,500.00	.00	.00	.00	8,500.00	0
57099	Miscellaneous Expense	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0
Division **100 - Department Administration** Totals		$827,138.00	($500.00)	$826,638.00	$64,308.66	$24,077.12	$206,341.93	$596,218.95	28%
Division **200 - Standby Charge Administration**									
53009	Consultants	25,000.00	.00	25,000.00	.00	6,230.00	6,750.00	12,020.00	52
55023	County Assessment Charges	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0
Division **200 - Standby Charge Administration** Totals		$105,000.00	$0.00	$105,000.00	$0.00	$6,230.00	$6,750.00	$92,020.00	12%
Division **207 - Bond Administration-2022**									
53021	Continuing Disclosure	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
54003	Trustee Fees	2,000.00	.00	2,000.00	.00	(1,750.00)	2,035.00	1,715.00	14
58002	Interest Expense - Bonds	2,859,921.00	.00	2,859,921.00	.00	.00	.00	2,859,921.00	0
Division **207 - Bond Administration-2022** Totals		$2,864,921.00	$0.00	$2,864,921.00	$0.00	($1,750.00)	$2,035.00	$2,864,636.00	0%
Department **20 - Finance** Totals		$3,797,059.00	($500.00)	$3,796,559.00	$64,308.66	$28,557.12	$215,126.93	$3,552,874.95	6%
Department **30 - Human Resources**									
Division **100 - Department Administration**									
51001	Salaries and Wages - Regular	187,486.00	.00	187,486.00	14,996.18	.00	58,261.94	129,224.06	31
51041	Soc Security Expense	14,342.00	.00	14,342.00	1,147.20	.00	4,457.03	9,884.97	31
51045	Unemployment Expense	45,000.00	.00	45,000.00	271.03	.00	713.99	44,286.01	2
51061	Retirement - CalPERS	30,344.00	.00	30,344.00	2,572.18	.00	9,953.26	20,390.74	33
51062	CAL PERS - UNFUNDED LIABILITY	.00	632,234.00	632,234.00	.00	.00	632,234.00	.00	100
51071	Education Reimbursement	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
51099	OPEB - Employees	.00	10,001.00	10,001.00	.00	.00	10,000.05	.95	100
52001	Insurance - Life	644.00	.00	644.00	68.27	.00	268.76	375.24	42
52003	Insurance - Long Term Disability	1,590.00	.00	1,590.00	135.81	.00	513.42	1,076.58	32
52005	Insurance - Health - Employees Medical	40,049.00	.00	40,049.00	3,256.03	.00	13,024.12	27,024.88	33
52007	Insurance - Health - Employees Dental	3,171.00	.00	3,171.00	264.26	.00	1,057.04	2,113.96	33
52009	Insurance - Health - Employees Vision	439.00	.00	439.00	36.56	255.64	146.24	37.12	92
52013	HRA - Health - Employees	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0
52015	Insurance - Health - Retirees	100,000.00	.00	100,000.00	7,166.57	844.23	28,666.28	70,489.49	30

Budget Performance Report

Date Range 07/01/23 - 10/31/23
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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **30 - Human Resources**									
Division **100 - Department Administration**									
52017	Insurance - Workers Comp	50,000.00	(10,001.00)	39,999.00	.00	.00	.00	39,999.00	0
52019	Employee Assistance Program	61.00	.00	61.00	4.96	.00	19.84	41.16	33
53009	Consultants	11,000.00	600.00	11,600.00	33.04	2,925.00	8,625.00	50.00	100
53010	Training	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
55001	Office Supplies	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
55007	Advertising	1,500.00	(600.00)	900.00	.00	.00	.00	900.00	0
55009	Meeting Expense	500.00	.00	500.00	.00	.00	.00	500.00	0
55019	Memberships and Certifications	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
55025	Insurance - Dist/Director Property/Auto & General Liability	184,243.00	.00	184,243.00	.00	(978.34)	9,393.34	175,828.00	5
56001	Employee Travel - Airfare	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
56003	Employee Travel - Other Transportation	2,500.00	.00	2,500.00	150.00	.00	150.00	2,350.00	6
56005	Employee Travel - Mileage	1,500.00	.00	1,500.00	322.26	.00	322.26	1,177.74	21
56007	Employee Travel - Meals	1,200.00	.00	1,200.00	321.06	.00	321.06	878.94	27
56009	Employee Travel - Lodging	5,000.00	.00	5,000.00	1,346.52	.00	1,346.52	3,653.48	27
56011	Employee Travel - Registration/Due	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0
	Division **100 - Department Administration** Totals	$731,069.00	$632,234.00	$1,363,303.00	$32,091.93	$3,046.53	$779,474.15	$580,782.32	57%
	Department **30 - Human Resources** Totals	$731,069.00	$632,234.00	$1,363,303.00	$32,091.93	$3,046.53	$779,474.15	$580,782.32	57%
Department **40 - Public Affairs**									
Division **100 - Department Administration**									
53009	Consultants	120,000.00	.00	120,000.00	.00	.00	.00	120,000.00	0
	Division **100 - Department Administration** Totals	$120,000.00	$0.00	$120,000.00	$0.00	$0.00	$0.00	$120,000.00	0%
Division **402 - Education**									
53106	Chartered Transporation Services	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
55005	Printing	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
55006	Educational Materials	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0
55011	Outreach Expense	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
	Division **402 - Education** Totals	$30,000.00	$0.00	$30,000.00	$0.00	$0.00	$0.00	$30,000.00	0%
Division **403 - Goverment Relations**									
53009	Consultants	.00	.00	.00	.00	(22,000.00)	14,500.00	7,500.00	+++
57099	Miscellaneous Expense	180,000.00	.00	180,000.00	14,500.00	100,500.00	43,500.00	36,000.00	80
	Division **403 - Goverment Relations** Totals	$180,000.00	$0.00	$180,000.00	$14,500.00	$78,500.00	$58,000.00	$43,500.00	76%
Division **404 - Communications/Outreach & Events**									
55005	Printing	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
55007	Advertising	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0
55011	Outreach Expense	30,000.00	.00	30,000.00	544.00	3,644.00	26,738.68	(382.68)	101
	Division **404 - Communications/Outreach & Events** Totals	$50,000.00	$0.00	$50,000.00	$544.00	$3,644.00	$26,738.68	$19,617.32	61%

Budget Performance Report

Date Range 07/01/23 - 10/31/23
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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **40 - Public Affairs**									
Division **405 - Conservation**									
57099	Miscellaneous Expense	3,200.00	.00	3,200.00	.00	.00	.00	3,200.00	0
	Division **405 - Conservation** Totals	$3,200.00	$0.00	$3,200.00	$0.00	$0.00	$0.00	$3,200.00	0%
	Department **40 - Public Affairs** Totals	$383,200.00	$0.00	$383,200.00	$15,044.00	$82,144.00	$84,738.68	$216,317.32	44%
Department **50 - Engineering and Operations**									
Division **100 - Department Administration**									
51001	Salaries and Wages - Regular	87,794.00	.00	87,794.00	7,226.08	.00	27,485.94	60,308.06	31
51041	Soc Security Expense	6,716.00	.00	6,716.00	552.80	.00	2,102.68	4,613.32	31
51061	Retirement - CalPERS	.00	7,023.00	7,023.00	578.08	.00	2,198.86	4,824.14	31
51063	Retirement - 401(a)	7,023.00	(7,023.00)	.00	.00	.00	.00	.00	+++
51071	Education Reimbursement	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0
52001	Insurance - Life	356.00	.00	356.00	36.45	.00	145.80	210.20	41
52003	Insurance - Long Term Disability	788.00	.00	788.00	67.15	.00	244.00	544.00	31
52005	Insurance - Health - Employees Medical	16,560.00	.00	16,560.00	1,346.38	.00	5,385.52	11,174.48	33
52007	Insurance - Health - Employees Dental	574.00	.00	574.00	94.96	.00	379.84	194.16	66
52009	Insurance - Health - Employees Vision	219.00	.00	219.00	18.28	128.32	73.12	17.56	92
52013	HRA - Health - Employees	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0
52019	Employee Assistance Program	30.00	.00	30.00	2.48	.00	9.92	20.08	33
53009	Consultants	95,000.00	.00	95,000.00	9,900.00	32,988.47	40,811.53	21,200.00	78
55001	Office Supplies	500.00	.00	500.00	.00	.00	.00	500.00	0
55019	Memberships and Certifications	15,500.00	.00	15,500.00	.00	.00	.00	15,500.00	0
55021	Permits and Licenses/Software Licenses	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0
56001	Employee Travel - Airfare	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56003	Employee Travel - Other Transportation	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56005	Employee Travel - Mileage	1,500.00	.00	1,500.00	.00	.00	.00	1,500.00	0
56007	Employee Travel - Meals	1,500.00	.00	1,500.00	.00	.00	.00	1,500.00	0
56009	Employee Travel - Lodging	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56011	Employee Travel - Registration/Due	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0
	Division **100 - Department Administration** Totals	$342,560.00	$0.00	$342,560.00	$19,822.66	$33,116.79	$78,837.21	$230,606.00	33%
Division **502 - Engineering & Recycled Water Ops**									
50017	Recycled Water Purchases	625,000.00	.00	625,000.00	.00	.00	.00	625,000.00	0
53010	Training	7,000.00	.00	7,000.00	.00	.00	.00	7,000.00	0
53109	Contractors	810,000.00	.00	810,000.00	64,883.43	719,116.57	290,746.82	(199,863.39)	125
55005	Printing	7,000.00	.00	7,000.00	.00	.00	.00	7,000.00	0
55007	Advertising	8,500.00	.00	8,500.00	.00	.00	.00	8,500.00	0
55009	Meeting Expense	1,200.00	.00	1,200.00	.00	.00	.00	1,200.00	0
57003	Telephone/Data	11,975.00	.00	11,975.00	1,098.79	5,465.67	4,659.83	1,849.50	85
57005	Utilities - Electricity	360,000.00	.00	360,000.00	49,953.40	140,380.69	224,087.27	(4,467.96)	101

Budget Performance Report

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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund	**1 - General Fund**								
EXPENSE									
Department	**50 - Engineering and Operations**								
Division	**502 - Engineering & Recycled Water Ops**								
57009	Utilities - Water	400.00	.00	400.00	.00	293.71	137.97	(31.68)	108
57011	Waste Management	1,200.00	.00	1,200.00	151.12	595.52	604.48	.00	100
57015	Repairs & Maintenance - Equipment	.00	2,338.00	2,338.00	.00	.00	2,337.18	.82	100
57016	Repair and Maintenance - SCADA	6,000.00	.00	6,000.00	.00	.00	.00	6,000.00	0
57017	Repairs & Maintenance - Other	600,000.00	(2,338.00)	597,662.00	78,732.29	27,532.95	134,000.95	436,128.10	27
57018	Repair and Maintenance - Automobile	5,000.00	.00	5,000.00	75.00	.00	1,880.12	3,119.88	38
57020	Automobile - Gas	2,000.00	.00	2,000.00	119.84	.00	304.88	1,695.12	15
57027	Lease Expense	485,000.00	.00	485,000.00	.00	.00	79,067.36	405,932.64	16
57099	Miscellaneous Expense	32,000.00	.00	32,000.00	412.37	5,157.22	4,272.78	22,570.00	29
Division	**502 - Engineering & Recycled Water Ops** Totals	$2,962,275.00	$0.00	$2,962,275.00	$195,426.24	$898,542.33	$742,099.64	$1,321,633.03	55%
Division	**505 - Recycled Water Customer Develop.**								
57099	Miscellaneous Expense	410,000.00	.00	410,000.00	.00	.00	.00	410,000.00	0
Division	**505 - Recycled Water Customer Develop.** Totals	$410,000.00	$0.00	$410,000.00	$0.00	$0.00	$0.00	$410,000.00	0%
Department	**50 - Engineering and Operations** Totals	$3,714,835.00	$0.00	$3,714,835.00	$215,248.90	$931,659.12	$820,936.85	$1,962,239.03	47%
Department	**55 - Water Resources and Planning**								
Division	**100 - Department Administration**								
51001	Salaries and Wages - Regular	73,540.00	.00	73,540.00	6,052.78	.00	23,023.18	50,516.82	31
51041	Soc Security Expense	5,630.00	.00	5,630.00	463.04	.00	1,761.28	3,868.72	31
51061	Retirement - CalPERS	5,883.00	.00	5,883.00	484.22	.00	1,841.84	4,041.16	31
51071	Education Reimbursement	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
52001	Insurance - Life	352.00	.00	352.00	35.96	.00	143.84	208.16	41
52003	Insurance - Long Term Disability	672.00	.00	672.00	49.37	.00	197.48	474.52	29
52005	Insurance - Health - Employees Medical	8,280.00	.00	8,280.00	1,365.46	.00	5,461.85	2,818.15	66
52007	Insurance - Health - Employees Dental	574.00	.00	574.00	47.86	.00	191.44	382.56	33
52009	Insurance - Health - Employees Vision	219.00	.00	219.00	18.29	146.21	73.15	(.36)	100
52013	HRA - Health - Employees	4,000.00	.00	4,000.00	.00	.00	.00	4,000.00	0
52019	Employee Assistance Program	30.00	.00	30.00	2.48	.00	9.92	20.08	33
56001	Employee Travel - Airfare	2,500.00	.00	2,500.00	.00	.00	.00	2,500.00	0
56003	Employee Travel - Other Transportation	900.00	.00	900.00	.00	.00	.00	900.00	0
56005	Employee Travel - Mileage	500.00	.00	500.00	.00	.00	.00	500.00	0
56007	Employee Travel - Meals	1,200.00	.00	1,200.00	.00	.00	.00	1,200.00	0
56009	Employee Travel - Lodging	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0
56011	Employee Travel - Registration/Due	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0
Division	**100 - Department Administration** Totals	$118,280.00	$0.00	$118,280.00	$8,519.46	$146.21	$32,703.98	$85,429.81	28%
Division	**552 - Water Use Efficency**								
53009	Consultants	300,000.00	.00	300,000.00	.00	.00	.00	300,000.00	0
57099	Miscellaneous Expense	50,000.00	.00	50,000.00	.00	.00	.00	50,000.00	0

Budget Performance Report

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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
Fund **1 - General Fund**									
EXPENSE									
Department **55 - Water Resources and Planning**									
	Division **552 - Water Use Efficency** Totals	$350,000.00	$0.00	$350,000.00	$0.00	$0.00	$0.00	$350,000.00	0%
	Department **55 - Water Resources and Planning** Totals	$468,280.00	$0.00	$468,280.00	$8,519.46	$146.21	$32,703.98	$435,429.81	7%
Department **60 - Information Technology**									
Division **601 - IT & Building Services**									
57027	Lease Expense	65,000.00	.00	65,000.00	.00	.00	.00	65,000.00	0
57099	Miscellaneous Expense	82,889.00	.00	82,889.00	5,458.34	21,833.29	21,833.28	39,222.43	53
	Division **601 - IT & Building Services** Totals	$147,889.00	$0.00	$147,889.00	$5,458.34	$21,833.29	$21,833.28	$104,222.43	30%
	Department **60 - Information Technology** Totals	$147,889.00	$0.00	$147,889.00	$5,458.34	$21,833.29	$21,833.28	$104,222.43	30%
Department **70 - Grant Programs**									
Division **008 - Prop 1**									
80100	Capital Outlays-Grant/Reimb Projects	.00	1,000,000.00	1,000,000.00	.00	.00	.00	1,000,000.00	0
	Division **008 - Prop 1** Totals	$0.00	$1,000,000.00	$1,000,000.00	$0.00	$0.00	$0.00	$1,000,000.00	0%
	Department **70 - Grant Programs** Totals	$0.00	$1,000,000.00	$1,000,000.00	$0.00	$0.00	$0.00	$1,000,000.00	0%
Department **80 - Capital Projects**									
Division **800 - Capital Projects**									
80101	Capital Outlay - Recycle Distribution System	1,100,000.00	.00	1,100,000.00	56,777.50	1,276,263.08	354,254.42	(530,517.50)	148
80103	Capital Outlay - Building Improvements	.00	.00	.00	.00	.00	32,496.00	(32,496.00)	+++
80107	Capital Outlay - Machinery & Equipment	1,250,000.00	.00	1,250,000.00	.00	29,252.43	.00	1,220,747.57	2
80109	Capital Outlay - Recycling Plant - Torres (Rio Hondo)	2,225,000.00	(1,000,000.00)	1,225,000.00	5,760.00	(59,119.00)	109,641.50	1,174,477.50	4
	Division **800 - Capital Projects** Totals	$4,575,000.00	($1,000,000.00)	$3,575,000.00	$62,537.50	$1,246,396.51	$496,391.92	$1,832,211.57	49%
	Department **80 - Capital Projects** Totals	$4,575,000.00	($1,000,000.00)	$3,575,000.00	$62,537.50	$1,246,396.51	$496,391.92	$1,832,211.57	49%
Department **99 - Central Basin**									
Division **999 - Districtwide**									
50001	MET Water Purchase - Potable	27,563,630.00	.00	27,563,630.00	2,851,305.60	.00	11,676,522.00	15,887,108.00	42
50011	District - Capital Credits	.00	.00	.00	.00	.00	696.90	(696.90)	+++
50013	Capacity Reservation Charge	550,490.00	.00	550,490.00	47,788.33	.00	191,153.34	359,336.66	35
50015	RTS	306,553.00	.00	306,553.00	17,660.00	.00	68,305.98	238,247.02	22
53004	Legal Settlement	.00	.00	.00	.00	(134,888.74)	93,609.00	41,279.74	+++
53005	Legal - Retainer	300,000.00	.00	300,000.00	25,000.00	75,000.00	75,000.00	150,000.00	50
53007	Legal - Services	650,000.00	.00	650,000.00	34,486.31	13,207.33	86,792.67	550,000.00	15
57005	Utilities - Electricity	.00	.00	.00	.00	.00	(6,158.94)	6,158.94	+++
58001	Interest Expense - General	52,500.00	.00	52,500.00	.00	.00	3,754.76	48,745.24	7
	Division **999 - Districtwide** Totals	$29,423,173.00	$0.00	$29,423,173.00	$2,976,240.24	($46,681.41)	$12,189,675.71	$17,280,178.70	41%
	Department **99 - Central Basin** Totals	$29,423,173.00	$0.00	$29,423,173.00	$2,976,240.24	($46,681.41)	$12,189,675.71	$17,280,178.70	41%
	EXPENSE TOTALS	$45,990,039.00	$632,234.00	$46,622,273.00	$3,481,935.82	$2,383,774.34	$15,054,954.72	$29,183,543.94	37%
	Fund **1 - General Fund** Totals								
	REVENUE TOTALS	46,458,662.00	.00	46,458,662.00	60,888.00	.00	8,187,409.89	38,271,252.11	18%

Budget Performance Report

Date Range 07/01/23 - 10/31/23
Include Rollup Account and Rollup to Account

Account	Account Description		Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd
		EXPENSE TOTALS	45,990,039.00	632,234.00	46,622,273.00	3,481,935.82	2,383,774.34	15,054,954.72	29,183,543.94	37%
		Fund **1 - General Fund** Totals	$468,623.00	($632,234.00)	($163,611.00)	($3,421,047.82)	($2,383,774.34)	($6,867,544.83)	$9,087,708.17	
		Grand Totals								
		REVENUE TOTALS	46,458,662.00	.00	46,458,662.00	60,888.00	.00	8,187,409.89	38,271,252.11	18%
		EXPENSE TOTALS	45,990,039.00	632,234.00	46,622,273.00	3,481,935.82	2,383,774.34	15,054,954.72	29,183,543.94	37%
		Grand Totals	$468,623.00	($632,234.00)	($163,611.00)	($3,421,047.82)	($2,383,774.34)	($6,867,544.83)	$9,087,708.17	

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

CONSENT ITEM

Action on Minutes
October 16, 2023 (Special Board Meeting)
October 23, 2023 (Regular Board Meeting)

EXHIBITS:

23November005 10.16.23 Special Board Meeting Minutes.pdf
23November005 10.23.23 Regular Board Meeting Minutes.pdf

MINUTES OF OCTOBER 16, 2023
SPECIAL MEETING OF THE CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS

A Special Meeting of the Central Basin Municipal Water District Board of Directors was held at 1466 S. McDonnell, Commerce CA 90040 on Monday, October 16, 2023 at 10:00 AM

1. CALL TO ORDER

Board President Director Chacon called the meeting to order at 10:03 am.

Present:
Thomas Bekele
Arturo Chacon
Juan Garza
Martha Camacho-Rodriguez
Leticia Vasquez
Michael Gualtieri

Absent:
Jim Crawford

1.A Roll Call
Quorum was established.

1.B Invocation
Led by Director Chacon

1.C Pledge of Allegiance
Led by: Michael Gualtieri

1.D Certification by the Board Secretary
The secretary certified the agenda was posted in accordance with the Brown Act.

2. PUBLIC COMMENTS
Comments were heard from the public.

3. BROWN ACT & ETHICS TRAINING

3.A Brown Act & Ethics Training
Led by Christopher K. Boucher
2023-10-16 Board Training PPT...pdf

4. ADJOURNMENT

4.A Adjourn Special Board Meeting of Monday, October 16, 2023
Meeting adjourned at 1:35 pm.

MINUTES OF OCTOBER 23, 2023
REGULAR MEETING OF THE BOARD OF DIRECTORS
OF CENTRAL BASIN MUNICIPAL WATER DISTRICT

A regular meeting of the Board of Directors of the Central Basin Municipal Water District was held 1466 S. McDonnell, Commerce CA 90040 on Monday, October 23, 2023 at 10:00 AM

1. CALL TO ORDER

Present:
Director Jim Crawford
Director Thomas Bekele
President Arturo Chacon
Director Juan Garza
Director Martha Camacho-Rodriguez
Director Leticia Vasquez
Director Michael Gualtieri

1.A Roll Call

Quorum was established.
Also in attendance, General Counsel Robert Baker, Assistant Counsel Derrick Lowe, General Manager, Dr. Alex Rojas and District Staff.

1.B Invocation

Led by President Arturo Chacon

1.C Pledge of Allegiance

Led by Michael Gualtieri

1.D Certification by the Board Secretary

The Board Secretary certified the agenda was posted in accordance with the Brown Act.

The agenda was reorganized to move Action Items 5.A, 5.B, and 9.A to the beginning of the agenda, prior to Staff Presentations.

2. PRESENTATIONS None

3. PUBLIC COMMENTS

Comments were heard from Derek Nguyen, Director of Water Resources, City of Lakewood, Joey Martinez and Lee Squire.

5. ACTION ITEMS

The agenda was reorganized to move Action Items prior to Staff Presentations 4.A & 4.B

5.A Authorization for a Contract with Carr, Riggs & Ingram LLC for Forensic Audit Comments were heard from the Board of Directors

RECOMMENDED MOTION: The Board approves and awards the contract to Carr, Riggs & Ingram LLC, to conduct a forensic audit on all the District's finances, including, but not limited to, all the District's financial accounts and financial records, for fiscal years 2019- 20, 2020-21, 2021-22 and 2022-23 for an amount-not-to-exceed $229,500 for a one-year term beginning tentatively on November 1, 2023. 23Oct006 Carr, Riggs & Ingram Memo.edited.pdf
23Oct006 ExA [FINAL] CRI Contract for RFQ No. 207 Forensic Audit.pdf

ACTION:	**Passed [6 to 0]**
MOVER:	Michael Gualtieri
SECONDER:	Martha Camacho-Rodriguez
AYES:	Michael Gualtieri, Martha Camacho-Rodriguez, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	None
ABSTAINS:	Arturo Chacon
ABSENT:	None

5.B Authorization to Enter into a Contract with Renne Public Law Group, LLC for Independent Investigation Services

RECOMMENDED MOTION:

Due to the Indemnity Clause language requested by the Renne Public Law Group, LLP General Counsel recommends that the Board **not** approve **nor** award the contract to Renne Public Law Group, LLP to conduct the independent investigation of the District's contract with Capstone and all related issues.

A substitute motion was made by Leticia Vasquez Wilson and seconded by Martha Camacho Rodriguez to write a letter to the District Attorney for investigation of the Capstone contract and that the District go out for another RFP for investigation services. The motion failed with four no votes from Directors' Chacon, Gualtieri, Crawford and Bekele.

The Board returned to the motion by Michael Gualtieri, seconded by Arturo Chacon to proceed with Carr, Riggs and Ingram, LLC for Independent Investigation Services authorizing assistant general counsel to execute the contract once he confirms, contact with the firm was not made at any time during the RFP process, and that a written request be sent to the DA's office to investigate the Capstone contract.

23Oct009 Memo - Renne Public Law Group LLP.pdf
23Oct009 FINAL RPLG Contract for RFQ No. 208.pdf

ACTION:	**Passed [6 to 1]**
MOVER:	Michael Gualtieri
SECONDER:	Arturo Chacon
AYES:	Arturo Chacon, Michael Gualtieri, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	None
ABSTAINS:	Martha Camacho-Rodriguez
ABSENT:	None

The Board proceeded to Item 9. Closed Session at 10:48 am.

9. CLOSED SESSION
The Board went into Closed Session 10:48 am

9.A Public Employee Discipline/Dismissal/Release Government Code §54954.5(e) and 54957(b)

4. STAFF PRESENTATIONS

Staff Presentations Items 4.A & 4.B were tabled.

4.A Strategic Plan Presentation
Tabled.
23Oct009 Strategic Plan 052421.pdf

4.B Capital Investment Plan
Tabled.
23Oct010 CIP Plan FY2021 22.pdf

4.C Payroll Update
Led by Peggy Williams

5.C Appointment of District Treasurer and Deputy Treasurer
Comments were heard from the Board. Item was deferred to the next board meting.

RECOMMENDED MOTION: That the Board appoint Peggy Williams, Accounting Manager, as the District Treasurer and Auner Lopez, Senior Accountant, as Deputy Treasurer effective October 23, 2023.
Exhbit A- Admin Code excerpt.pdf

5.D Discussion and Approval of the City of Lakewood Water Service Charge Reimbursement
Comments were heard from the Board. Director Gualtieri left the meeting at 11:57 pm after sharing his comments regarding the item.

RECOMMENDED MOTION:
The Board voted to approve Option 1: That the Board authorize the General Manager to reimburse the City of Lakewood the Water Service Charge for the months of February 2022 to July 2023 for a total amount of $30,600. In

addition, that verbiage be added to a resolution regarding rates and service charges.
23Oct000 City of Lakewood Water Service Charge Reimbursement Memo_JRC EDITS.pdf

23Sept000 City of Lakewood Water Service Charge Reimbursement Exhibit A.pdf
23Sept000 City of Lakewood Water Service Charge Reimbursement Exhibit B.pdf

ACTION:	**Passed [5 to 1]**
MOVER:	Thomas Bekele
SECONDER:	Juan Garza
AYES:	Arturo Chacon, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	Martha Camacho-Rodriguez
ABSTAINS:	None
ABSENT:	Michael Gualtieri

After discussion of Item 5.D, the Board proceeded to go through Items 5.C, 5.E, 5.F & 5.G

5.E Authorization to Purchase Audio Equipment from Golden Star Technology, Inc. for Board & Committee Meetings.
RECOMMENDED MOTION: Approval of the purchase of audio system equipment to be used for committee and board meetings in the amount of $29,252.43
23Oct008 Golden_Star_Technology_Inc 101023.pdf

ACTION:	**Passed [4 to 2]**
MOVER:	Juan Garza
SECONDER:	Thomas Bekele
AYES:	Arturo Chacon, Juan Garza, Jim Crawford, Thomas Bekele
NAYS:	Martha Camacho-Rodriguez, Leticia Vasquez
ABSTAINS:	None
ABSENT:	Michael Gualtieri

5.F Proposed Class Action Settlement Regarding Public Water Systems
RECOMMENDED MOTION: Authorize the General Manger to file a claim on behalf of the District under the guidance of the District's General Counsel.

ACTION:	**Passed [5 to 1]**
MOVER:	Juan Garza
SECONDER:	Thomas Bekele
AYES:	Arturo Chacon, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	Martha Camacho-Rodriguez

ABSTAINS:	None
ABSENT:	Michael Gualtieri

5.G Approval of Resolution No. 09-23- 1058 Regarding the Cancellation of the Contract for Architectural Design Development Services at District's Headquarters

A substitute motion made by Leticia Vasquez, and seconded by Martha Camacho Rodriguez, failed with 3 yes votes and 3 no votes (Chacon, Bekele, Garza).

Return to motion by Juan Garza seconded by Thomas Bekele to approve resolution and request documentation be sent to the board within one week.

CB 09-23-1058 Resolution Archiect Design Build Services Contract.2JG.FINAL-CLEAN.pdf

ACTION:	**Passed [5 to 1]**
MOVER:	Juan Garza
SECONDER:	Thomas Bekele
AYES:	Arturo Chacon, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	None
ABSTAINS:	Martha Camacho-Rodriguez
ABSENT:	Michael Gualtieri

6. INFORMATION AND DISCUSSION ITEMS

6.A Update to the Administrative Code: Regular Board Meeting Day/Time Change

No change.

RECOMMENDED MOTION: Option One: Hold Board Meetings on the Third Tuesday of the Month
Option Two: Hold Board Meetings on the Third Wednesday of the Month
Option Three: No Change

6.B Change Regular Board Meeting of November 27, 2023 to the Week of November 13, 2023.

No change.

7. CONSENT ITEMS

7.A Investment Report, Liquidity and Day's Cash Evaluation - September Activities

Comments were heard from the Board.
23Oct003 Investment Memo Oct 2023.pdf
23Oct003 Investment Summary Exhibit A Oct 2023.pdf
23Oct003 Investment Summary Exhibit B Oct 2023.pdf
23Oct003 Investment Summary Exhibit C Oct 2023.pdf

ACTION:	**Passed [4 to 2]**
MOVER:	Juan Garza
SECONDER:	Arturo Chacon

AYES:	Arturo Chacon, Juan Garza, Jim Crawford, Thomas Bekele
NAYS:	Martha Camacho-Rodriguez, Leticia Vasquez
ABSTAINS:	None
ABSENT:	Michael Gualtieri

7.B Financial Report

Demands - September 2023

Motion to defer action on the Demand List until corrections are made.
23Oct005 Sept 23 - Demand List.pdf

ACTION:	**Passed [5 to 1]**
MOVER:	Juan Garza
SECONDER:	Leticia Vasquez
AYES:	Martha Camacho-Rodriguez, Juan Garza, Leticia Vasquez, Jim Crawford, Thomas Bekele
NAYS:	Arturo Chacon
ABSTAINS:	None
ABSENT:	Michael Gualtieri

7.C Action on Minutes

September 25, 2023 (Regular Board Meeting)
September 27, 2023 (Special Board Meeting)
09.25.23 Regular Board Meeting Minutes.pdf
09.27.23 Special Board Meeting Minutes.pdf

ACTION:	**Passed [4 to 2]**
MOVER:	Juan Garza
SECONDER:	Arturo Chacon
AYES:	Arturo Chacon, Juan Garza, Jim Crawford, Thomas Bekele
NAYS:	Martha Camacho-Rodriguez, Leticia Vasquez
ABSTAINS:	None
ABSENT:	Michael Gualtieri

8. REPORTS AND CORRESPONDENCE

8.A Capital Improvement Project Plan & Recycled Water Program Updates
Received
23Oct002 CIP Update.pdf
23Oct002 2023.10.3 CIP Update Exhibit A.pdf
23Oct002 CIP Update Exhibit B.pdf

8.B Water Supply and Resources Presentation

Received
23Oct001 WS&R Memo.pdf
23Oct001 Exhibit A Potable Reads.pdf
23Oct001 Exhibit B Recycled Reads.pdf
23Oct001 Exhibit C Reservoir Levels.pdf

10. RECONVENE TO OPEN SESSION

The Board reconvened to Open Session at 11:50 am

10.A Report of Action Taken In Closed Session

No action to report.

11. GENERAL MANAGER AND DIRECTORS' COMMENTS

11.A Directors' Report of Activities/Comments

Comments were heard from Directors' Vasquez-Wilson and Camacho-Rodriguez

11.B General Manager's Comments

None

12. ADJOURNMENT

12.A Next Regular Board Meeting: November ___, 2023

Next Regular Board Meeting: November **27**, 2023

12.B Adjourn Regular Board Meeting of October 23, 2023

Meeting adjourned at 1:39 pm

_____
Arturo Chacon
Board President

ATTEST:

_____
Elizabeth Brizuela
Board Secretary

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Sharon Kumar

CONSENT ITEM

Financial Report
Demands - September 2023, October 2023

EXHIBITS:

23November004 Sept 23 - Demand List.pdf
23November004 October 23 - Demand List.pdf

Demand List - September 2023

Check& EFT#	Vendor	Description		Total
24525	BAKER, KEENER & NAHRA, LLP			
		General Counsel Services - July 2023		**25,000.00**
		G/L Account		
		1-99-999.53005 (General Fund-Central Basin-Districtwide.Legal - Retainer)		
		Legal Services - Re: Kevin Hunt - July 2023		**9,722.00**
		Legal Services - Re: Leticia Vasquez - July 2023		**14,204.13**
		G/L Account		
		1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)		
24536		General Counsel Services - August 2023		**25,000.00**
		G/L Account		
		1-99-999.53005 (General Fund-Central Basin-Districtwide.Legal - Retainer)		
		Legal Services - Kevin Hunt: August 2023		**15,293.20**
		Legal Services - Leticia Vasquez: August 2023		**13,087.03**
		G/L Account		
		1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)		
24537	CA. UNDERGROUND FACILITIES SAFE EXCAVATION BOARD			
		CA State Fee Regulatory Cost: September 2023		**122.37**
		G/L Account		
		1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)		
24538*	CALIFORNIA ASSOCIATION OF MUTUAL WATER COMPANIES			
		Sponsorship: CrVI Economic Feasibility Study		**5,000.00**
		G/L Account		
		1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)		
	CALITICA			
24526		Strategic Legislative Advisement Services: 07/10/23-08/09/23		**7,000.00**
24539		Strategic Legislative Advisement Services: 08/10/23-09/09/23		**7,000.00**
		G/L Account		
		1-40-403.57099 (General Fund-Public Affairs-Goverment Relations.Miscellaneous Expense)		
	CALTRONICS BUSINESS SYSTEMS			
24527		Brother Printer Printing Usage: 04/25/23-07/24/23		**53.78**
		G/L Account		
		1-10-103.55005 (General Fund-District Administration-IT & Building Services.Printing)		
	CB&T/ACWA-JPIA			
8054		MONTHLY BENEFITS PLAN - October 2023		**26,751.44**
		Item - CB CAMACHO RODRIGUEZ		
		G/L Account	*Amount*	
		1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48	
		1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	1,871.47	
		1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	169.30	
		Item - CB DIRECTOR CHACON		
		G/L Account	*Amount*	
		1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	47.86	
		1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48	
		1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	673.19	
		Item - CB DIRECTOR VASQUEZ		
		G/L Account	*Amount*	
		1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	1,384.56	
		1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48	
		1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	94.96	

Item - CB DIRECTOR APODACA (COBRA)

G/L Account	Amount
1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	(1,384.56)
1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	47.86

Item - CB Retirees

G/L Account	Amount
1-30-100.52015 (General Fund-Human Resources-Department Administration.Insurance - Health - Retirees)	7,023.38

Item - District Admin. Department

G/L Account	Amount
1-10-100.52005 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Medical)	3,706.01
1-10-100.52007 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Dental)	338.60
1-10-100.52019 (General Fund-District Administration-Department Administration.Employee Assistance Program)	4.96

Item - Engineering Department

G/L Account	Amount
1-50-100.52019 (General Fund-Engineering and Operations-Department Administration.Employee Assistance Program)	2.48
1-50-100.52005 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Medical)	1,346.38
1-50-100.52007 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Dental)	94.96

Item - Finance Department

G/L Account	Amount
1-20-100.52007 (General Fund-Finance-Department Administration.Insurance - Health - Employees Dental)	312.12
1-20-100.52005 (General Fund-Finance-Department Administration.Insurance - Health - Employees Medical)	3,892.29
1-20-100.52019 (General Fund-Finance-Department Administration.Employee Assistance Program)	7.44

Item - Human Resources Department

G/L Account	Amount
1-30-100.52007 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Dental)	264.26
1-30-100.52019 (General Fund-Human Resources-Department Administration.Employee Assistance Program)	4.96
1-30-100.52005 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Medical)	3,256.03

Item - Water Resources Department

G/L Account	Amount
1-55-100.52005 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Medical)	1,365.47
1-55-100.52019 (General Fund-Water Resources and Planning-Department Administration.Employee Assistance Program)	2.48
1-55-100.52007 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Dental)	47.86

Item - West Basin Due to/from

G/L Account	Amount
1.12007 (General Fund.Due to/from West Basin)	1,853.13

Item - WRD Due to/from

G/L Account	Amount
1.12009 (General Fund.Due to/from Water Replenishment District)	316.55

24540 **CITY OF PICO RIVERA**

Monthly Water Service - RHPS: 08/09/23 to 09/06/23 **35.72**

G/L Account
1-50-502.57009 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Water)

24541 **CUMMING MANAGEMENT GROUP, INC.**

Construction Management: Rio Hondo Pump Station: June 2023 **1,395.00**

G/L Account
1-80-800.80109 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))

Construction Management: Rio Hondo Pump Station: July 2023 **1,610.00**

G/L Account
1-80-800.80109 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))

Construction Management: MMC-Montebello: July 2023 **6,077.50**

G/L Account
1-80-800.80109 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))

24541	Construction Management: Rio Hondo Pump Station: August 2023		**4,130.00**
	G/L Account		
	1-80-800.80109 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))		
	De Lage Landen Financial Services, Inc		
24542	Leasing Office Printers: 04/15/23 - 05/14/23		**175.27**
	G/L Account		
	1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
24528	Leasing Office Printers: 08/15/23-09/14/23		**167.84**
	G/L Account		
	1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
24542	Leasing Office Printers: 09/15/2023-10/14/2023		**167.84**
	G/L Account		
	1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
	FEDERAL EXPRESS		
24543	Courier Service: 08/16/2023		**79.46**
	Courier Service: 08/23/2023		**32.84**
	Courier Service: 08/30/2023		**63.13**
	Courier Service: 09/08/23		**62.41**
	G/L Account		
	1-10-102.53105 (General Fund-District Administration-Board Services.Courier Services)		
8055	**FIDELITY SECURITY LIFE INSURANCE COMPANY**		
	EYEMED - September 2023		**420.44**
	Item - Directors		
	G/L Account	*Amount*	
	1-10-102.51033 (General Fund-District Administration-Board Services.Director's Health Benefit - Vision)	73.12	
	Item - Dist. Admin		
	G/L Account		
	1-10-100.52009 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Vision)	36.56	
	Item - Engineering Dept.		
	G/L Account		
	1-50-100.52009 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Vision)	18.28	
	Item - Finance dept.		
	G/L Account		
	1-20-100.52009 (General Fund-Finance-Department Administration.Insurance - Health - Employees Vision)	54.84	
	Item - HR Dept.		
	G/L Account		
	1-30-100.52009 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Vision)	36.56	
	Item - Retiree		
	G/L Account		
	1-30-100.52015 (General Fund-Human Resources-Department Administration.Insurance - Health - Retirees)	143.19	
	Item - Water Resources Dept.		
	G/L Account		
	1-55-100.52009 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Vision)	18.28	
	Item - West Basin Retiree		
	G/L Account		
	1.12007 (General Fund.Due to/from West Basin)	33.51	
	Item - WRD Retiree		
	G/L Account		
	1.12009 (General Fund.Due to/from Water Replenishment District)	6.10	
	FIRST BANKCARD - ALEJANDRO J ROJAS		
8072	Rojas Credit Card - 08/31/23		**535.26**
	Item - Meeting		
	G/L Account	*Amount*	
	1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	486.27	
	Item - Software		
	G/L Account	*Amount*	
	1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	48.99	

Vendor **10570 - FIRST BANKCARD - CENTRAL BASIN (DISTRICT)**

8070 District Credit Card - 08/31/2023 **1,366.68**

Item - Lodging

G/L Account	*Amount*
1-10-100.56009 (General Fund-District Administration-Department Administration.Employee Travel - Lodging)	1,366.68

Item - Registration

G/L Account	*Amount*
1-10-102.51028 (General Fund-District Administration-Board Services.Director's Registration and Dues)	695.00

Item - Reimbursement registration

G/L Account	*Amount*
1-10-102.51028 (General Fund-District Administration-Board Services.Director's Registration and Dues)	(695.00)

Vendor **10569 - FIRST BANKCARD - CENTRAL BASIN (FINANCE)**

8073 08.31.23 Finance Credit Card - 08/31/2023 **7,607.79**

G/L Account	*Amount*
1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	1,958.34
1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data)	300.00
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	2,081.82
1-10-100.55019 (General Fund-District Administration-Department Administration.Memberships and Certifications)	104.70
1-10-102.55001 (General Fund-District Administration-Board Services.Office Supplies)	12.12
1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	1,178.44
1-10-100.55001 (General Fund-District Administration-Department Administration.Office Supplies)	219.14
1-10-100.56009 (General Fund-District Administration-Department Administration.Employee Travel - Lodging)	743.40
1-20-100.55015 (General Fund-Finance-Department Administration.Postage)	396.00
1-10-102.51029 (General Fund-District Administration-Board Services.Director's Housing and Accommodations)	303.83
1-10-100.55017 (General Fund-District Administration-Department Administration.Subscriptions)	310.00

8071 **FIRST BANKCARD - ENGINEERING**

Engineering Credit Card - 08/31/2023 **163.04**

Item

G/L Account	*Amount*
1-50-502.57018 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Repair and Maintenance - Automobile)	75.00
1-50-502.57020 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Automobile - Gas)	88.04

FRONTIER

24544 Monthly Phone Expense RHPS: 08/26/23 to 09/25/23 **102.89**

G/L Account

1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data)

24535* **GovInvest Inc.**

Pension Module and Managed Services: 07/01/23-6/30/24 **6,000.00**

G/L Account

1-30-100.53009 (General Fund-Human Resources-Department Administration.Consultants)

GRANICUS, LLC

24545* Maintenance, Hosting, & Licensing Fee Core: 08/30/23 - 08/29/24 **5,292.00**

G/L Account

1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)

24546** **INFRAMARK, LLC**

Operations & Maintenance: July 2023 **64,883.43**

G/L Account

1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors)

Operations & Maintenance Additional Services: August 2023 **6,016.00**

1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors)

	Operations & Maintenance: August 2023			**64,883.43**
	G/L Account			
	1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors)			
	Repair & Replace: August 2023			**30,960.45**
	G/L Account			
	1-50-502.57017 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Repairs & Maintenance - Other)			
8030	**INTERNAL REVENUE SERVICE**			
	Federal Tax Withholding - 09.06.23			**11,418.75**
	Item - 09/06/2023 Tax Federal Tax Withholding			
	G/L Account		*Amount*	
	1.21047 (General Fund.Federal Income Taxes Payable)		5,497.23	
	Item - 09/06/2023 Tax FICA			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		2,223.53	
	Item - 09/06/2023 Tax FICA			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		2,223.53	
	Item - 09/06/2023 Tax Medicare			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		788.67	
	Item - 09/06/2023 Tax Medicare			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		685.79	
8075	FED - Federal Tax Withholding - 09.20.23			**11,367.86**
	Item - 09/20/2023 Tax Federal Tax Withholding			
	G/L Account		*Amount*	
	1.21047 (General Fund.Federal Income Taxes Payable)		5,374.96	
	Item - 09/20/2023 Tax FICA			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		2,263.22	
	Item - 09/20/2023 Tax FICA			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		2,263.22	
	Item - 09/20/2023 Tax Medicare			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		781.53	
	Item - 09/20/2023 Tax Medicare			
	G/L Account		*Amount*	
	1.21041 (General Fund.FICA Payable)		684.93	
24547	**JOHN ROBINSON CONSULTING, INC.**			
	Monthly Engineering & Operation Consulting Services: August 2023			**9,900.00**
	G/L Account			
	1-50-100.53009 (General Fund-Engineering and Operations-Department Administration.Consultants)			
24548 *	**KEVIN HUNT**			
	Legal fees for Beilke Case - Settlement Agreement-08/21/23			**58,089.00**
	G/L Account			
	1-99-999.53004 (General Fund-Central Basin-Districtwide.Legal Settlement)			
24549	**LA EXPRESS ONE INC.**			
	Water Storage: 05/11/23 - 08/11/23			**480.00**
	Water Storage and delivery services: 08/11/2023			**112.00**
	G/L Account			
	1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)			
24530	**LUCIEN GLOBAL dba LUCIEN PARTNERS**			
	Legislative Advocacy Services - July 2023			**7,500.00**
24550	Legislative Advocacy Services - August 2023			**7,500.00**
	G/L Account			
	1-40-403.57099 (General Fund-Public Affairs-Goverment Relations.Miscellaneous Expense)			
24531	**MEHTA MECHANICAL COMPANY INC.**			
	MMC: Site Preperation			**92,150.00**
	G/L Account			
	1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)			

24551	Construction Services:Pump Install, Switch Gear & Control Panel			**137,211.92**
	G/L Account			
	1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)			
8069	**METROPOLITAN WATER DISTRICT OF SOUTHERN CA.**			
	Monthly Water Purchase - July 2023			**3,407,126.33**
	Item - Monthly Water Purchase			
	G/L Account	*Amount*		
	1-99-999.50001 (General Fund-Central Basin-Districtwide.MET Water Purchase - Potable)	3,341,676.00		
	1-99-999.50015 (General Fund-Central Basin-Districtwide.RTS)	17,661.98		
	1-99-999.50013 (General Fund-Central Basin-Districtwide.Capacity Reservation Charge)	47,788.35		
24552 *	**METROPOLITAN WATER DISTRICT OF SOUTHERN CA.**			
	City of SG Passthrough: CENB-11 Valve Upgrade Submittal Review			**19,000.00**
	Item - CENB-11 South Gate Valve Upgrade Submittal Review			
	G/L Account			
	1.12090 (General Fund.Project Advances)			
24553	**NASA SERVICES, INC.**			
	RHPS Trash Bin Services: September 2023			**151.12**
	G/L Account			
	1-50-502.57011 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Waste Management)			
8031	**NATIONWIDE RETIREMENT SOLUTIONS**			
	Nationwide 457b Flat Amt - 09.06.23			**310.00**
	Item - 09/06/2023 Deduction Nationwide Roth 457b Amount			
8076	NW 457b AMT - Nationwide 457b Flat Amt - 09.20.23			**310.00**
	Item - 09/20/2023 Deduction Nationwide Roth 457b Amount			
	G/L Account			
	1.21069 (General Fund.457(b) Elective Payable)			
24532	**NETWORK INTEGRATION COMPANY PARTNERS, INC.**			
	District IT Services: 07/01/23-07/31/23			**5,458.34**
24554	District IT Services: 08/01/23-08/31/23			**5,458.34**
	G/L Account			
	1-60-601.57099 (General Fund-Information Technology-IT & Building Services.Miscellaneous Expense)			
8032	**NORTHWESTERN MUTUAL**			
	NM 457 - Northwestern Mutual ER - 09.06.23			**536.69**
8077	NM 457 - Northwestern Mutual ER - 09.20.23			**536.69**
	G/L Account			
	1.21069 (General Fund.457(b) Elective Payable)			
8029	**PERS - CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYS**			
	PERS Payment - 09.06.23			**8,761.96**
8074	PERS Payment - 09.20.23			**8,761.96**
	G/L Account	*Amount*		
	1-55-100.51061 (General Fund-Water Resources and Planning-Department Administration.Retirement - CalPERS)	226.27		
	1-20-100.51061 (General Fund-Finance-Department Administration.Retirement - CalPERS)	2,705.21		
	1-10-100.51061 (General Fund-District Administration-Department Administration.Retirement - CalPERS)	3,288.97		
	1-30-100.51061 (General Fund-Human Resources-Department Administration.Retirement - CalPERS)	1,230.18		
	1-50-100.51061 (General Fund-Engineering and Operations-Department Administration.Retirement - CalPERS)	270.13		
	1.21075 (General Fund.CalPERS Deferred Compensation Payable)	1,041.20		
24555 *	**PlanetBids, Inc.**			
	PB System Vendor and Bid Management: 08/28/23 to 08/27/24			**4,074.38**
	G/L Account			
	1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)			
8068	**PUBLIC STORAGE**			
	Storage Space: October 2023			**1,733.00**
	G/L Account			
	1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)			

8062	**REGUS MANAGEMENT GROUP, LLC**			
	Lease for Office Space - October 2023			**11,709.99**
	G/L Account			
	1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)			
24556	**RT CONTRACTOR CORP**			
	RHPS: Material, Pressure Sensors & level transmitter instal			**82,764.00**
	G/L Account			
	1-80-800.80109 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))			
8033	**SIP - CALIFORNIA PUBLIC EMPLOYEE'S RETIREMNT SYS**			
	CALPERS 457b Flat Amt - 09.06.23			**211.11**
8078	CP 457b AMT - CALPERS 457b Flat Amt - 09.20.23			**961.11**
	G/L Account			
	1.21069 (General Fund.457(b) Elective Payable)			
24557	**SO CAL SANITATION LLC**			
	Wheelchair Accessible Porta Potty: 08/23/23			**65.00**
	Porta Potty Rental: 09/12/23 - 10/09/23			**49.61**
	G/L Account			
	1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)			
8060	**SO CALIFORNIA EDISON**			
	Monthly Electricity-Hollydale South Gate: 07/14/23 to 08/13/23			**2,805.56**
8059	Monthly Electricity-Cerritos: 07/19/23 to 08/16/23			**21.48**
8058	Monthly Electricity Rio Hondo: 08/01/23 to 08/29/23			**49,986.40**
8061	Monthly Electricity-Cudahy: 08/09/23 to 09/07/23			**16.65**
	G/L Account			
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)			
24558	**SOUTHERN CALIFORNIA EDISON**			
	Operating Rent: 07/01/23 - 06/30/24			**79,067.36**
	G/L Account			
	1-50-502.57027 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Lease Expense)			
8034	**STATE OF CALIFORNIA FRANCHISE TAX BOARD**			
	California State Tax - 09.06.23			**2,218.79**
	G/L Account			
	1.21048 (General Fund.State Income Taxes Payable)			
8079	CA ST - California State Tax - 09.20.23			**2,172.80**
	G/L Account			
	1.21048 (General Fund.State Income Taxes Payable)			
24559	**STEM ENERGY SOUTHERN CALIFORNIA, LLC**			
	RHPS energy saving battery services: July 2023 - September 2023			**4,424.25**
	G/L Account			
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)			
24533 *	**SVA Architects, Inc.**			
	Architecture Services HQ Renovation: 07/31/2023			**32,496.00**
	G/L Account			
	1-80-800.80103 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Building Improvements)			
24560	**TASC**			
	Account Management: 07/01/23 - 06/30/24			**1,200.00**
	G/L Account			
	1-30-100.53009 (General Fund-Human Resources-Department Administration.Consultants)			
24560	Funded HRA Integrated - Asset Based-Shareholder: 04/1/23-6/30/23			**91.96**
	G/L Account			
	1-30-100.53009 (General Fund-Human Resources-Department Administration.Consultants)			
8056	**TELEPACIFIC COMMUNICATIONS**			
	Monthly Telecommunication Services: 09/16/23 - 10/15/23			**3,589.00**
	G/L Account	*Amount*		
	1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	2,623.85		
	RHPS			
	G/L Account	*Amount*		
	1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data)	965.15		
24561 *	**TERRACON CONSULTANTS, INC.**			
	Montebello Hills Material Testing: 07/27/2023			**3,255.00**
	G/L Account			
	1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)			

24562 *	**TETRA TECH**				
	RW Software: Hydraulic Model Upgrades and Training: 5/26/2023				**2,430.00**
	G/L Account				
	1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)				
24563	**THE PUN GROUP, LLP**				
	Accounting Services: 4/1/2023 - 06/30/2023				**32,350.00**
	G/L Account				
	1-20-100.53009 (General Fund-Finance-Department Administration.Consultants)				
24564	**VALUED ENGINEERING, INC.**				
	Design Consultants-Prop 1 DAC Project: July 2023				**900.00**
	Design Consultants-Prop 1 DAC Project: August 2023				**4,080.00**
	G/L Account				
	1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)				
8053	**VASQUEZ, LETICIA**				
	NALEO Conference July 2023 Reimbursement				**3,406.61**
	Item - Airfare				
	G/L Account		*Amount*		
	1-10-100.56001 (General Fund-District Administration-Department Administration.Employee Travel - Airfare)		693.52		
	Item - Hotel				
	G/L Account		*Amount*		
	1-10-102.51029 (General Fund-District Administration-Board Services.Director's Housing and Accommodations)		1,822.48		
	Item - Meals				
	G/L Account		*Amount*		
	1-10-102.51030 (General Fund-District Administration-Board Services.Director's Meals)		65.60		
	Item - Registration Dues				
	G/L Account		*Amount*		
	1-10-102.51028 (General Fund-District Administration-Board Services.Director's Registration and Dues)		500.00		
	Item - Transportation				
	G/L Account		*Amount*		
	1-10-102.51027 (General Fund-District Administration-Board Services.Director's Transportation)		325.01		
8057	**Veracity, FirstDigital Telecom**				
	District Phone System: 09/01/23 - 09/30/23				**603.49**
	G/L Account				
	1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)				
24534 *	**WILLDAN FINANCIAL SERVICES**				
	Administration of Water Standby Charge Program for FY23/24				**6,750.00**
	G/L Account				
	1-20-200.53009 (General Fund-Finance-Standby Charge Administration.Consultants)				
CBMWD	**Payroll**	Payroll - 09/06/23			**34,971.26**
CBMWD	**Payroll**	Payroll - 09/20/23			**34,332.32**
			Grand Total		**$4,545,340.46**
	THOMAS BEKELE	Director's Meetings - Per Diem	$295.19		
		G/L Account - 1-10-102.51021			
		Payroll Taxes & Deductions - 09/06/23	-$24.04	$	271.15
	CAMACHO-RODRIGUEZ-MARTHA	Director's - Auto Allowance-monthly	$397.00		
		G/L Account - 1-10-102.51023			
		Director's - Communications Allowance	$200.00		
		G/L Account - 1-10-102.51025			
		Director's Meetings - Per Diem District	$1,475.95		
		G/L Account - 1-10-102.51021			
		Payroll Taxes & Deductions - 09/06/23	-$154.99		$1,607.86

ARTURO CHACON	Director's - Auto Allowance-monthly	$397.00	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	$295.19	
	Director's Meetings - Per Diem Metropolitian	$590.38	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/06/23	-$497.18	$985.39
GARZA, JUAN	Director's - Auto Allowance-monthly	$397.00	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	$295.19	
	Director's Meetings - Per Diem Metropolitian	$590.38	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/06/23	-$497.18	$985.39
GUALTIERI MICHAEL	Director's Meetings - Per Diem District	$295.19	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/06/23	-$24.04	$271.15
VASQUEZ LETICIA	Director's - Auto Allowance-monthly	$397.00	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	$295.19	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/06/23	-$46.38	$550.62
THOMAS BEKELE	Director's Meetings - Per Diem	$295.19	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$24.04	$271.15
CAMACHO-RODRIGUEZ-MARTHA	Director's Meetings - Per Diem District	$1,180.76	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$319.43	$861.33
ARTURO CHACON	Director's Meetings - Per Diem District	$885.57	
	Director's Meetings - Per Diem Metropolitian	$885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$567.79	$1,203.35
GARZA, JUAN	Director's Meetings - Per Diem District	$590.38	
	Director's Meetings - Per Diem Metropolitian	$1,180.76	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$289.64	$1,481.50
GUALTIERI MICHAEL	Director's Meetings - Per Diem District	$885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$75.70	$809.87
VASQUEZ LETICIA	Director's Meetings - Per Diem District	$885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 09/20/23	-$821.35	$111.33

No asterisk	Regular routine monthly payment
*	One time payment
**	Regular operating expense with a monthly increase of over $15,000
***	Final payment / Closed contract

October 2023 - Demand List

Check/EFT	Vendor Name	Description			Amount
8105	**ADP, Inc.**				
		Payroll Period Ending Date: 10/01/23			1,429.75
			1-20-100.53009 (General Fund-Finance-Department Administration.Consultants)		
24565	**BAKER, KEENER & NAHRA, LLP**				
		General Counsel Services - September 2023			25,000.00
			1-99-999.53005 (General Fund-Central Basin-Districtwide.Legal - Retainer)		
		Litigation Case - Re: Kevin Hunt - September 2023			27,126.31
		Litigation Case - Re: Leticia Vasquez -September 2023			7,360.00
			1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)		
8103***	**BRADDOCK, NAJA**				
		PSHRA Conference Reimbursement- October 1-4, 2023			1,006.03
			1-30-100.56009 (General Fund-Human Resources-Department Administration.Employee Travel - Lodging)	673.26	
			1-30-100.56007 (General Fund-Human Resources-Department Administration.Employee Travel - Meals)	107.12	
			1-30-100.56005 (General Fund-Human Resources-Department Administration.Employee Travel - Mileage)	150.65	
			1-30-100.56003 (General Fund-Human Resources-Department Administration.Employee Travel - Other Transportation)	75.00	
24566	**CA. UNDERGROUND FACILITIES SAFE EXCAVATION BOARD**				
		CA State Fee Regulatory Cost: October 2023			122.37
			1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)		
24567	**CALITICA**				
		Strategic Legislative Advisement Services: 09/10/23-10/09/23			7,000.00
			1-40-403.57099 (General Fund-Public Affairs-Goverment Relations.Miscellaneous Expense)		
8095	**CalPERS**				
		CalPERS 2023 Replacement Ben Contribution 09/06/23			173.60
			1-10-100.51061 (General Fund-District Administration.Retirement - CalPERS)		
8099	**CB&T/ACWA-JPIA**				
		MONTHLY BENEFITS PLAN - November 2023			28,136.00
		Item - CB Director Apodaca (COBRA)			
			1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	47.86	

Item - CB Director Camacho Rodriquez		
	1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48
	1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	169.30
	1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	1,871.47
Item - CB Director Chacon		
	1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	673.19
	1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	47.86
	1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48
Item - CB Director Vasquez		
	1-10-102.52019 (General Fund-District Administration-Board Services.Employee Assistance Program)	2.48
	1-10-102.51031 (General Fund-District Administration-Board Services.Director's Health Benefit - Medical)	1,384.56
	1-10-102.51032 (General Fund-District Administration-Board Services.Director's Health Benefit - Dental)	94.96
Item - CB Retirees		
	1-30-100.52015 (General Fund-Human Resources-Department Administration.Insurance - Health - Retirees)	7,023.38
Item - District Admin.		
	1-10-100.52005 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Medical)	3,706.01
	1-10-100.52019 (General Fund-District Administration-Department Administration.Employee Assistance Program)	4.96
	1-10-100.52007 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Dental)	338.60
Item - Engineering Department		
	1-50-100.52007 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Dental)	94.96
	1-50-100.52005 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Medical)	1,346.38
	1-50-100.52019 (General Fund-Engineering and Operations-Department Administration.Employee Assistance Program)	2.48
Item - Finance Department		
	1-20-100.52005 (General Fund-Finance-Department Administration.Insurance - Health - Employees Medical)	3,892.29
	1-20-100.52019 (General Fund-Finance-Department Administration.Employee Assistance Program)	7.44

			1-20-100.52007 (General Fund-Finance-Department Administration.Insurance - Health - Employees Dental)	312.12	
		Item - Human Resources Department			
			1-30-100.52007 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Dental)	264.26	
			1-30-100.52005 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Medical)	3,256.03	
			1-30-100.52019 (General Fund-Human Resources-Department Administration.Employee Assistance Program)	4.96	
		Item - Water Resources Department			
			1-55-100.52019 (General Fund-Water Resources and Planning-Department Administration.Employee Assistance Program)	2.48	
			1-55-100.52005 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Medical)	1,365.46	
			1-55-100.52007 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Dental)	47.86	
		Item - West Basin Due to/from			
			1.12007 (General Fund.Due to/from West Basin)	1,853.14	
		Item - WRD Due to/from			
			1.12009 (General Fund.Due to/from Water Replenishment District)	316.55	
24568	**CUMMING MANAGEMENT GROUP, INC.**				
		Construction Management for MMC-Montebello: August 2023			5,760.00
			1-80-800.80109 (General Fund-Capital Projects - Capital Projects.Capital Outlay - Recycling Plant - Torres (Rio Hondo))		
24569	**De Lage Landen Financial Services, Inc**				
		Leasing Office Printers: 10/15/2023-11/14/2023			175.27
			1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
24570	**FEDERAL EXPRESS**				
		Courier Service: 09/12/23			31.24
		Courier Service: 9/20/23			234.25
		Courier Service: 09/28/23			66.38
		Courier Service: 10/05/23			114.15
			1-10-102.53105 (General Fund-District Administration-Board Services.Courier Services)		
8114	**FIDELITY SECURITY LIFE INSURANCE COMPANY**				
		EYEMED - October 2023			420.44
		Item - Directors			
			1-10-102.51033 (General Fund-District Administration-Board Services.Director's Health Benefit - Vision)	73.12	
		Item - Dist. Admin			

			1-10-100.52009 (General Fund-District Administration-Department Administration.Insurance - Health - Employees Vision)	36.56	
		Item - Engineering Dept.			
			1-50-100.52009 (General Fund-Engineering and Operations-Department Administration.Insurance - Health - Employees Vision)	18.28	
		Item - Finance dept.			
			1-20-100.52009 (General Fund-Finance-Department Administration.Insurance - Health - Employees Vision)	54.84	
		Item - HR Dept.			
			1-30-100.52009 (General Fund-Human Resources-Department Administration.Insurance - Health - Employees Vision)	36.56	
		Item - Retiree			
			1-30-100.52015 (General Fund-Human Resources-Department Administration.Insurance - Health -	143.19	
		Item - Water Resources Dept.			
			1-55-100.52009 (General Fund-Water Resources and Planning-Department Administration.Insurance - Health - Employees Vision)	18.29	
		Item - West Basin Retiree			
			1.12007 (General Fund.Due to/from West Basin)	33.51	
		Item - WRD Retiree			
			1.12009 (General Fund.Due to/from Water Replenishment District)	6.09	
8102	**FIRST BANKCARD - ALEJANDRO J ROJAS**				
		Rojas Credit Card - 09/29/23			3,897.00
		Item - Software meeting			
			1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	3,848.00	
		Item - Software Subcription			
			1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	49.00	
	FIRST BANKCARD - CENTRAL BASIN (DISTRICT)				
8100		District Credit Card - 09/29/23			1,442.52
			1-10-102.51028 (General Fund-District Administration-Board Services.Director's Registration and Dues)	1,150.00	
			1-20-100.56009 (General Fund-Finance-Department Administration.Employee Travel - Lodging)	292.52	
8104	**FIRST BANKCARD - CENTRAL BASIN (FINANCE)**				
		Finance Credit Card - 09/29/23			3,693.37
			1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	379.19	
			1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	1,138.44	
			1-30-100.51045 (General Fund-Human Resources-Department Administration.Unemployment Expense)	271.03	

			1-20-100.55015 (General Fund-Finance-Department Administration.Postage)	215.00	
			1-10-100.55001 (General Fund-District Administration-Department Administration.Office Supplies)	97.12	
			1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	1,592.59	
8101	**FIRST BANKCARD - ENGINEERING**				
		Engineering Credit Card - 09/29/23			194.84
			1-50-502.57018 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Repair and Maintenance - Automobile)	75.00	
			1-50-502.57020 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Automobile - Gas)	119.84	
8094	**FRONTIER**				
		Monthly Phone Expense RHPS: 09/26/23 to 10/25/23			102.89
			1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data)		
24571**	**INFRAMARK, LLC**				
		Repair & Replace: July 2023			14,324.20
			1-50-502.57017 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Repairs & Maintenance - Other)		
		Operations & Maintenance: September 2023			64,883.43
			1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors)		
24571**		Repair & Replace: September 2023			64,408.09
			1-50-502.57017 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Repairs & Maintenance - Other)		
24572	**JOHN ROBINSON CONSULTING, INC.**				
		Monthly Engineering & Operation Consulting Service: September 2023			9,900.00
			1-50-100.53009 (General Fund-Engineering and Operations-Department Administration.Consultants)		
24573	**LA EXPRESS ONE INC.**				544.00
		Water Storage and delivery services: 09/20/2023		112.00	
		Water Storage and delivery services: 09/20/2023		112.00	
		Water Storage and delivery services: 08/11/23 - 10/11/23		320.00	
			1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)		
8113***	**Auner Lopez**				
		Laserfiche Conference/Training October 17-19, 2023 Item - Meals			180.64
			1-20-100.56007 (General Fund-Finance-Department Administration.Employee Travel - Meals)		

8112***	**LUCIA CID-SANCHEZ**				
		PSHRA Conference Reimbursement- October 1-4, 2023			1,133.81
			1-30-100.56009 (General Fund-Human Resources-Department Administration.Employee Travel - Lodging)	673.26	
			1-30-100.56007 (General Fund-Human Resources-Department Administration.Employee Travel - Meals)	213.94	
			1-30-100.56005 (General Fund-Human Resources-Department Administration.Employee Travel - Mileage)	171.61	
			1-30-100.56003 (General Fund-Human Resources-Department Administration.Employee Travel - Other Transportation)	75.00	
24574	**LUCIEN GLOBAL dba LUCIEN PARTNERS**				
		Legislative Advocacy Services - September 2023			7,500.00
			1-40-403.57099 (General Fund-Public Affairs-Goverment Relations.Miscellaneous Expense)		
24575	**MEHTA MECHANICAL COMPANY INC.**				
		Construction Srvcs: Install of Roof hatch, Ground Pipes & Valves			54,245.00
			1-80-800.80101 (General Fund-Capital Projects - Capital Projects.Capital Outlay - Recycle Distribution System)	54,245.00	
8089	**METROPOLITAN WATER DISTRICT OF SOUTHERN CA.**				
		Monthly Water Purchase - August 2023			2,856,303.93
			1-99-999.50013 (General Fund-Central Basin-Districtwide.Capacity Reservation Charge)	47,788.33	
			1-99-999.50001 (General Fund-Central Basin-Districtwide.MET Water Purchase - Potable)	2,851,305.60	
			1-99-999.40039 (General Fund-Central Basin-Districtwide.MET Water Sales - LRP Rebate)	(60,450.00)	
			1-99-999.50015 (General Fund-Central Basin-Districtwide.RTS)	17,660.00	
24576	**NASA SERVICES, INC.**				
		RHPS Trash Bin Services: October 2023			151.12
			1-50-502.57011 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Waste Management)		
8083	**NATIONWIDE RETIREMENT SOLUTIONS**				
		Nationwide 457b - 10.04.23			310.00
		NW 457b AMT - Nationwide 457b Flat/Roth Amt - 10.18.23			310.00
			1.21069 (General Fund.457(b) Elective Payable)		
24577	**NETWORK INTEGRATION COMPANY PARTNERS,**				
		District IT Services: 10/01/2023			5,458.34
			1-60-601.57099 (General Fund-Information Technology-IT & Building Services.Miscellaneous Expense)		
24578	**NINYO & MOORE**				
		Material/Geotechnical testing at MHPS-August 2023			2,532.50

			1-80-800.80101 (General Fund-Capital Projects - Capital Projects.Capital Outlay - Recycle Distribution System)		
8084	**NORTHWESTERN MUTUAL**				1,073.38
		NM 457 - Northwestern Mutual ER - 10.04.23		536.69	
8087		NM 457 - Northwestern Mutual ER - 10.18.23		536.69	
			1.21069 (General Fund.457(b) Elective Payable)		
8081	**PERS - CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYS**				
		PERS Payment - 10.04.23			9,098.40
			1-30-100.51061 (General Fund-Human Resources-Department Administration.Retirement - CalPERS)	1,286.09	
			1.21075 (General Fund.CalPERS Deferred Compensation Payable)	1,100.36	
			1-55-100.51061 (General Fund-Water Resources and Planning-Department Administration.Retirement - CalPERS)	242.11	
			1-10-100.51061 (General Fund-District Administration-Department Administration.Retirement - CalPERS)	3,298.98	
			1-20-100.51061 (General Fund-Finance-Department Administration.Retirement - CalPERS)	2,881.82	
			1-50-100.51061 (General Fund-Engineering and Operations-Department Administration.Retirement - CalPERS)	289.04	
8085	10.18.23	PERS Payment - 10.18.23			9,098.40
			1-55-100.51061 (General Fund-Water Resources and Planning-Department Administration.Retirement - CalPERS)	242.11	
			1-50-100.51061 (General Fund-Engineering and Operations-Department Administration.Retirement - CalPERS)	289.04	
			1-10-100.51061 (General Fund-District Administration-Department Administration.Retirement - CalPERS)	3,298.98	
			1-20-100.51061 (General Fund-Finance-Department Administration.Retirement - CalPERS)	2,881.82	
			1-30-100.51061 (General Fund-Human Resources-Department Administration.Retirement - CalPERS)	1,286.09	
			1.21075 (General Fund.CalPERS Deferred Compensation Payable)	1,100.36	
8096	**PUBLIC STORAGE**				
		Storage Space: October 2023			1,733.00
			1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
8106	**REGUS MANAGEMENT GROUP, LLC**				$11,747.59
		Lease for Office Space - November 2023			
			1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)		
8082	**SIP - CALIFORNIA PUBLIC EMPLOYEE'S RETIREMNT SYS**				1,172.22
		CALPERS 457b - 10.04.23			

			1.21069 (General Fund.457(b) Elective Payable)		
8093	**SO CALIFORNIA EDISON**				
		Monthly Electricity Santa Fe Springs: 08/11/23 to 09/11/23			29.99
			1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)		
8092		Monthly Electricity-Hollydale South Gate: 08/14/23 to 09/12/23			2,269.74
			1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)		
8090		Monthly Electricity-Cerritos: 08/17/23 to 09/17/23			23.80
			1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)		
8091		Monthly Electricity-Cerritos: 08/30/23 to 09/28/23			47,629.87
			1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)		
	TASC				
24579		HRA Admin Fee: September 2023			33.04
			1-30-100.53009 (General Fund-Human Resources-Department Administration.Consultants)		
	TELEPACIFIC COMMUNICATIONS				
8111		Monthly Telecommunication Services: 10/16/23-11/15/23			3,619.75
			1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	2,623.85	
		Item - RHPS			
			1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data)	995.90	
8115	**THE LINCOLN NATIONAL LIFE INSURANCE COMPANY**				
		Monthly Disability and Life Premium: November 2023			1,020.67
			1-10-100.52003 (General Fund-District Administration-Department Administration.Insurance - Long Term Disability)	200.82	
		Item - Disability - Engineering Department			
			1-50-100.52003 (General Fund-Engineering and Operations-Department Administration.Insurance - Long Term Disability)	67.15	
		Item - Disability - Finance Department			
			1-20-100.52003 (General Fund-Finance-Department Administration.Insurance - Long Term Disability)	237.30	
		Item - Disability - Water Resources Department			
			1-55-100.52003 (General Fund-Water Resources and Planning-Department Administration.Insurance - Long Term Disability)	49.37	
		Item - Human Resources Department			

			1-30-100.52003 (General Fund-Human Resources-Department Administration.Insurance - Long Term Disability)	135.81	
		Item - Life & AD+D Premium - District Admin. Department			
			1-10-100.52001 (General Fund-District Administration-Department Administration.Insurance - Life)	72.90	
		Item - Life & AD+D Premium - District Director - DIV I			
			1-10-102.51034 (General Fund-District Administration-Board Services.Director Life Insurance)	7.29	
		Item - Life & AD+D Premium - Engineering Department			
			1-50-100.52001 (General Fund-Engineering and Operations-Department Administration.Insurance - Life)	36.45	
		Item - Life & AD+D Premium - Finance Department			
			1-20-100.52001 (General Fund-Finance-Department Administration.Insurance - Life)	109.35	
		Item - Life & AD+D Premium - Human Resources Department			
			1-30-100.52001 (General Fund-Human Resources-Department Administration.Insurance - Life)	68.27	
		Item - Life & AD+D Premium - Water Resources Department			
			1-55-100.52001 (General Fund-Water Resources and Planning-Department Administration.Insurance - Life)	35.96	
	THE PUN GROUP, LLP				
24580		Accounting Services: 07/01/23-09/30/23			24,242.50
			1-20-100.53009 (General Fund-Finance-Department Administration.Consultants)		
	UNDERGROUND SERVICE ALERT/SC				
24581		Database Maintenance Fee: October 2023			290.00
			1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)		
	Veracity, FirstDigital Telecom				
8110		District Phone System: 10/011/23-10/31/23			603.49
			1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)		
	WATEREUSE ASSOCIATION				
24582***		2024 Annual Membership Dues			17,272.50
			1-10-100.55019 (General Fund-District Administration-Department Administration.Memberships and Certifications)		
CBMWD	**PAYROLL**	Payroll - 10/04/23			35,882.20
CBMWD	**PAYROLL**	Payroll - 10/18/23			34819.52
	Grand Totals				**$3,397,331.53**

THOMAS BEKELE	Director's Meetings - Per Diem	590.38	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/04/23	-50.93	539.45
ARTURO CHACON	Director's - Auto Allowance-monthly	397	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	200	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/04/23	-495.54	987.03
CAMACHO-RODRIGUEZ-MARTHA	Director's - Auto Allowance-monthly	397	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	200	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	466.34	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/04/23	-81.35	981.99
GARZA, JUAN	Director's - Auto Allowance-monthly	397	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	200	
	G/L Account - 1-10-102.51025		
	Director's Meetings - Per Diem District	1475.95	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/04/23	-295.92	1777.03
GUALTIERI MICHAEL	Director's Meetings - Per Diem District	590.38	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/04/23	-45.16	545.22
VASQUEZ LETICIA	Director's - Auto Allowance-monthly	397	
	G/L Account - 1-10-102.51023		
	Director's - Communications Allowance	200	
	G/L Account - 1-10-102.51025		
	Payroll Taxes & Deductions - 10/04/23	-45.67	551.33
ARTURO CHACON	Director's Meetings - Per Diem District	1771.14	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/18/23	-565.34	1205.80
CAMACHO-RODRIGUEZ-MARTHA	Director's Meetings - Per Diem District	699.51	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/18/23	-53.51	646.00

GARZA, JUAN	Director's Meetings - Per Diem District	2066.33	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/18/23	-294.32	1772.01
GUALTIERI MICHAEL	Director's Meetings - Per Diem District	885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/18/23	-75.28	810.29
VASQUEZ LETICIA	Director's Meetings - Per Diem District	1165.85	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/18/23	-839.18	326.67

No asterisk	Regular routine monthly payment
*	One time payment
**	Regular operating expense with a monthly increase of over $15,000
***	Final payment / Closed contract

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Madeline Chen

REPORTS AND CORRESPONDENCE

Water Supply and Resources Update

RECOMMENDED MOTION:

Receive and file.

EXHIBITS:

23November001 WS&R Memo.pdf
23November001 Exhibit A Potable Reads.pdf
23November001 Exhibit B Recycled Reads.pdf
23November001 Exhibit C Reservoir Levels.pdf

November 6, 2023 – Water Resources & Governmental Affairs
Garza, Chacon, Gualtieri
November 27, 2023 – Board Meeting
Prepared by: Madeline Chen
Submitted by: Madeline Chen
Approved by: Dr. Alejandro Rojas

REPORTS AND CORRESPONDENCE

WATER SUPPLY AND RESOURCES UPDATE

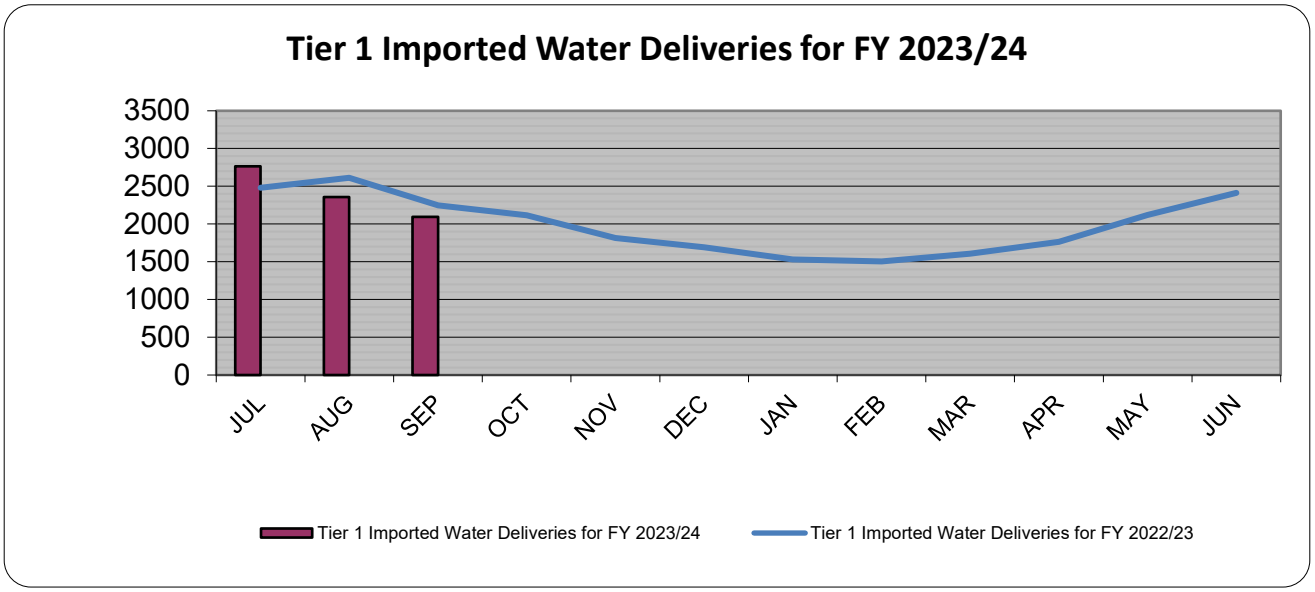
Summary:
This report summarizes water supply data and water resources briefs.

Imported Water

For the month of September, Central Basin Municipal Water District (CBMWD) supplied 2,095 acre-feet (AF) of direct deliveries of imported water. This reflects a 7% decrease compared to 2,247 AF supplied last year during September 2022. Year-to-date total demands for Tier 1 imported water are 7,218 AF, representing a 2% decrease from the same period during the previous fiscal year (FY) when demands totaled 7,341 AF. A detailed list of these deliveries is attached as **Exhibit "A,"** and **Figure 1**, below, graphically compares these deliveries to the previous FY.

For FY23/24, CBMWD projected 22,364 AF of imported water and has produced 7,218 AF YTD.

Figure 1

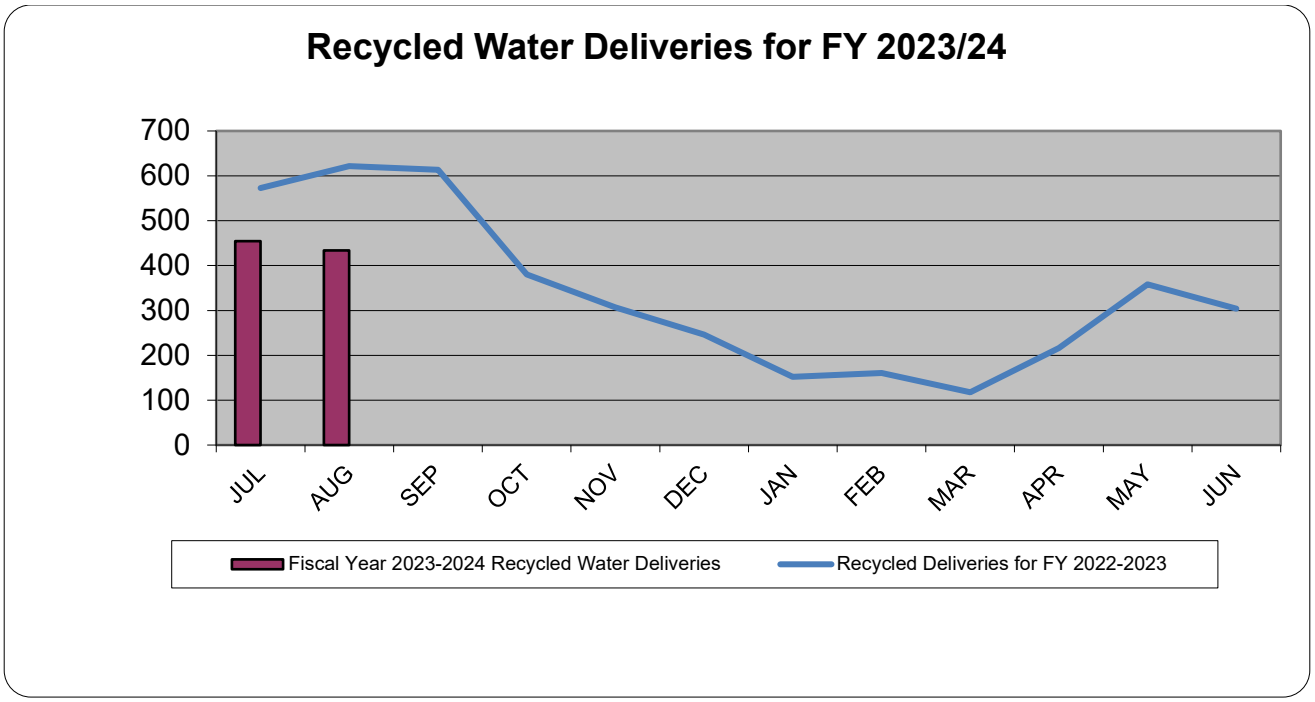


Recycled Water

For the month of August, CBMWD supplied 434 AF of recycled water supplies. This reflects a 30% decrease compared to 622 AF of recycled water supplied during August 2022. Recycled water year-to-date demands are 888 AF, representing a 26% decrease from the same period during the previous fiscal year (FY) when demands totaled 1,194 AF. A detailed list of these deliveries is included as **Exhibit "B." Figure 2** below graphically shows these estimated recycled water deliveries compared to the previous FY.

For FY23/24, CBMWD projected 5,625 AF of recycled water and has produced 888 AF YTD.

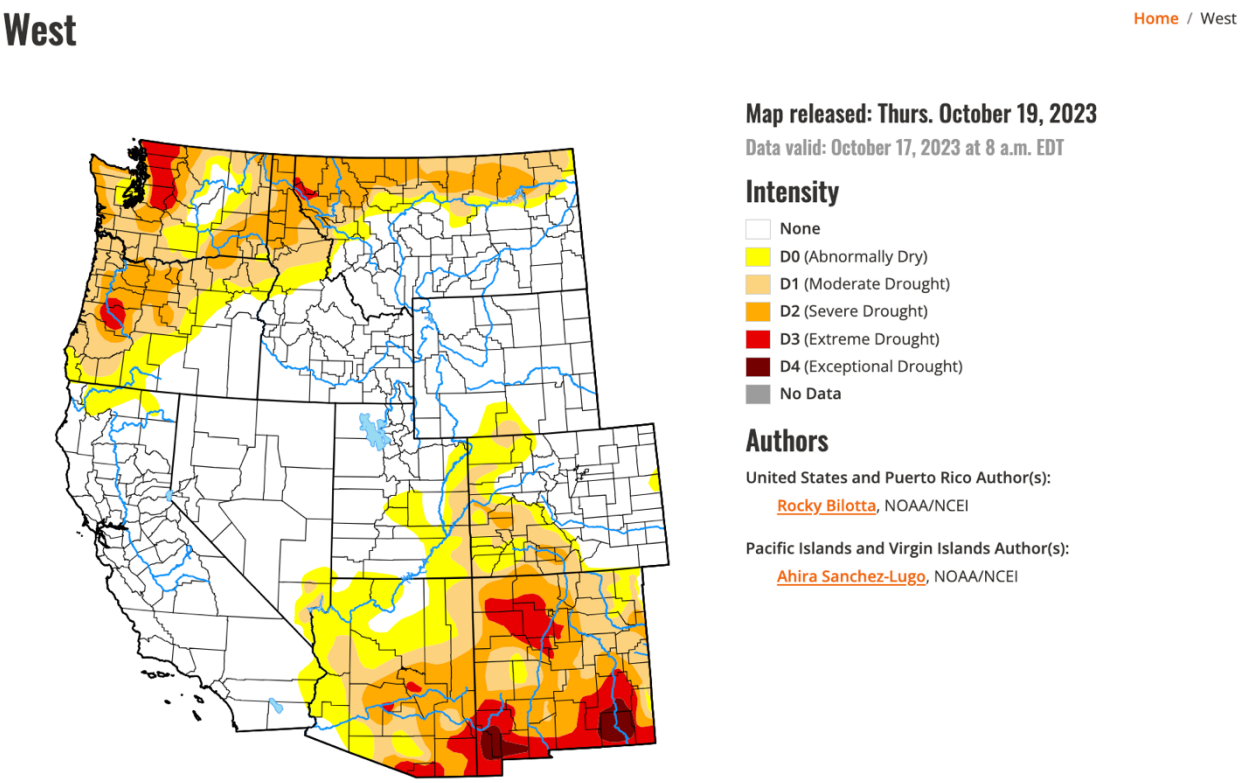
Figure 2



Drought Monitor

(As of 10/19/23) Precipitation fell across much of the West with heavy precipitation along the coast from Washington to northern California, where more than 1 inch of precipitation occurred this past week. Above-normal precipitation led to improvements to severe drought (D2) in southwest Washington, along with abnormal dryness (D0) to extreme drought (D1-D3) improvements to western Oregon and D0 to moderate drought (D1) improvements in northern California. Beneficial precipitation led to improvements in moderate drought to extreme drought (D0-D3) in portions of northwest Montana, as shown in SPI/SPEI, streamflow and soil moisture data. Status quo was maintained across the rest of the region this week.

Figure 3



Colorado River Supplies

Pictured in Figure 4, Upper Colorado Basin precipitation measures to 1.3 inches of water-year-to-date, 87% of normal. Pictured in Figure 5, snowpack there has been no significant snowpack. Figure 6 demonstrates Lake Mead's storage trends in comparison to previous years. Lake Mead currently has 1.46 MAF more storage than this time last year.

Figure 4

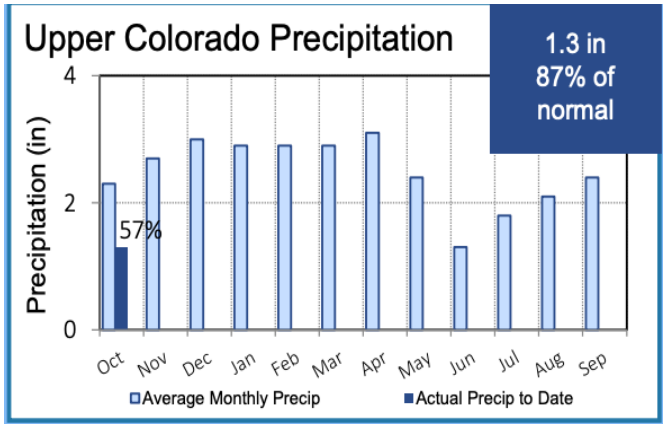


Figure 5

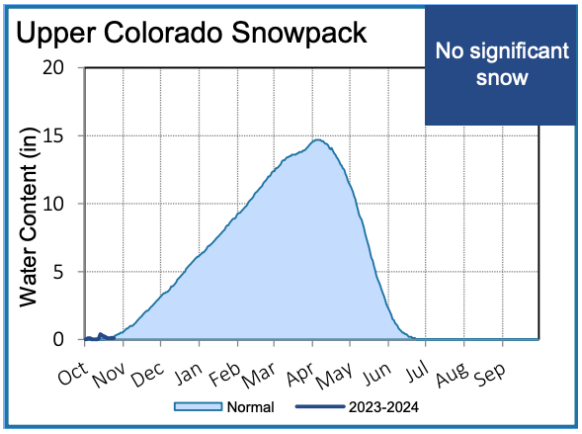
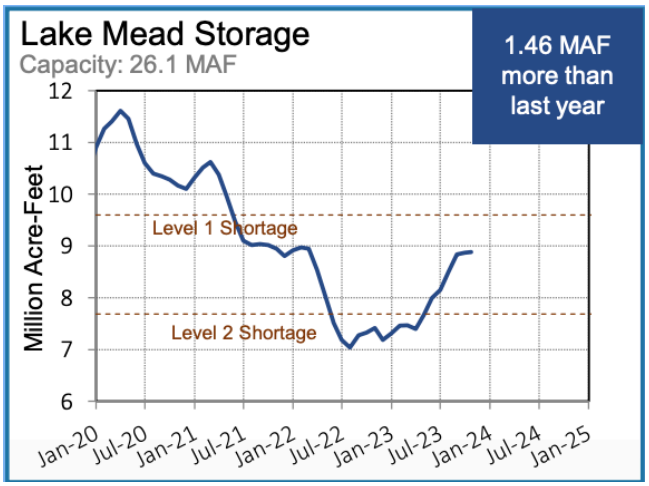
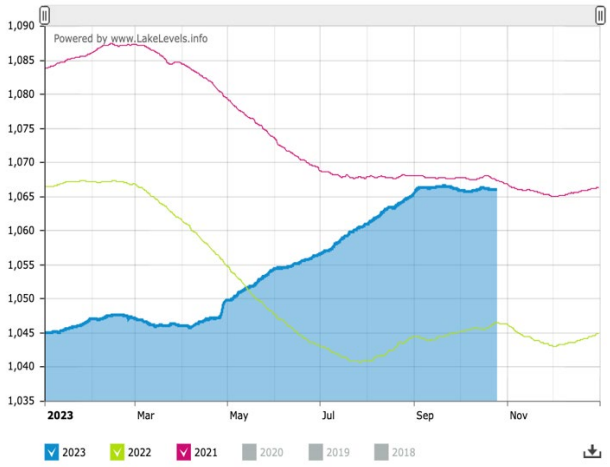


Figure 6





Statewide Reservoir Conditions

Attached, as **Exhibit "C,"** is the Reservoir Condition Report from the Department of Water Resources. As of October 23, 2023, conditions are indicated as follows:

- Lake Shasta, part of the federally owned Central Valley Project (CVP), was at 70% of total capacity and at 130% of the historical average.
- The San Luis Reservoir provides water south of the Delta and was at 72% of total capacity and at 163% of the historical average. This reservoir is shared by the CVP and the State Water Project (SWP).
- Lake Oroville, one of the largest reservoirs of the SWP, was at 70% of total capacity and at 134% of the historical average.

CBMWD Conservation Programs

- Southeast Water Efficiency Program (SEWEP)
    - This project aims at reducing water consumption by public facilities in the Southeast Los Angeles County region.
    - Two Components:
        - Audits of public facilities to determine water use efficiency
        - Retrofits based upon the results of the audit
    - Through SEWEP, CBMWD is continuing its partnership with cities and school districts in its service area to secure its region's water reliability and effectively manage and conserve its current water supply. Another benefit of SEWEP is that it's a proactive effort to educate community members on how to decrease water consumption. The goals of the project are in alignment with the guidelines for Water Supply Reliability, Water Conservation, and Water Use Efficiency

- Metropolitan Water District of Southern California (MWD) Programs & Financial Incentives
    - BeWaterWise
        - Residential and Commercial Rebate Program
    - Stormwater for Direct Use
        - Direct-use projects capture local rainfall and stormwater runoff. The captured water is typically stored in an underground cistern and used to meet non-potable demands.
    - On-Site Retrofit
        - Recycled water is an important water supply for the region. Increased use of this resource will help meet expected water demands and improve water supply reliability. Although there are recycled water supplies available in many areas, its use has been limited by site conversion costs. This program provides financial incentives to assist public and

private property owners to convert irrigation or industrial systems from potable to recycled water. The results will help agencies identify other ways to increase recycled water use in this region.

- Stormwater for Recharge
  - Stormwater recharge projects capture stormwater for groundwater recharge and future production. Some examples of recharge projects include stormwater capture through centralized spreading basins, dry wells, or infiltration galleries.
- Local Resources Program
  - Since 1982, MWD has invested in local regional water supply reliability projects through the Local Resources Program (LRP). The LRP accelerates the development of local projects by incentivizing agencies within MWD's service area to construct recycled water, groundwater recovery, and seawater desalination projects. Today, LRP projects support nearly half the recycled water and groundwater recovery production in CBMWD's area.

- MWD Member Agency Allocation Fund

  - MWD allocates a budget to its member agencies-conservation program use (as long as it does not overlap with its existing programs)
  - This budget is most flexible when being used for Disadvantaged Communities (DAC)
  - CBMWD is able to assign a portion of its budget to its customers, who can also choose to add additional funding to that program
  - Sample Programs
    - Education Outreach (classes, educational videos, animation clips)
    - Demonstration Gardens
    - Pre-made California Friendly Garden Palette Packets
      - (For residential use)
    - DAC Landscape Water Conservative Retrofit
    - DAC Full Water Conservative Turf Replacement
    - DAC Water Conservative Toilet Retrofit & Installation
    - DAC Weather Based Irrigation Controller
    - Customized Program with General Manager Approval
  - Turn in Program Request for Approval
    - After the General Manager signs off on the program, it will be submitted to MWD for pre-approval before commencing.

PROCUREMENT PROCESS:

Not applicable.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

PROJECT BENEFITS:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDED MOTION:

Receive and file.

EXHIBITS:

Exhibit “A” – Imported Water Deliveries
Exhibit “B” – Recycled Water Deliveries
Exhibit “C” – Statewide Reservoir Conditions

Y:\centralbasinboard\cbmwdmemos\2023\23november001

Central Basin
Municipal Water District

Meter Detail Report for Meter Type - Potable

End Fiscal Year - 2024

EXHIBIT "A"

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	318.66	263.82	231.25	0	0	0	0	0	0	0	0	0	813.73
CALIFORNIA WATER SERVICE CO. - COMMERCE	61.23	61.65	37.9	0	0	0	0	0	0	0	0	0	160.78
CITY OF BELL GARDENS	86.68	85.36	78.7	0	0	0	0	0	0	0	0	0	250.74
CITY OF CERRITOS	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF DOWNEY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF HUNTINGTON PARK	99.63	98.29	109.21	0	0	0	0	0	0	0	0	0	307.13
CITY OF LAKEWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF LYNWOOD	0	0.29	0	0	0	0	0	0	0	0	0	0	0.29
CITY OF MONTEBELLO	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF NORWALK	96.32	93.12	84.45	0	0	0	0	0	0	0	0	0	273.89
CITY OF PARAMOUNT	242.96	227.77	205	0	0	0	0	0	0	0	0	0	675.73
CITY OF SANTA FE SPRINGS	436.63	386.89	369.78	0	0	0	0	0	0	0	0	0	1193.3
CITY OF SIGNAL HILL	101.82	90.53	74.9	0	0	0	0	0	0	0	0	0	267.25
CITY OF SOUTH GATE	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF VERNON	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05
GOLDEN STATE WATER COMPANY	677.13	515.66	451.21	0	0	0	0	0	0	0	0	0	1644
LA HABRA HEIGHTS WATER DISTRICT	0	0	5.15	0	0	0	0	0	0	0	0	0	5.15
LIBERTY UTILITIES	464.03	454.06	420.46	0	0	0	0	0	0	0	0	0	1338.55
LOS AMIGOS GOLF COURSE	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 2	7.11	0	0.01	0	0	0	0	0	0	0	0	0	7.12
MAYWOOD MUTUAL WATER CO. NO. 3	0	0	0	0	0	0	0	0	0	0	0	0	0
ORCHARD DALE WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN GABRIEL VALLEY WATER CO	29.02	28.53	26.61	0	0	0	0	0	0	0	0	0	84.16
SUBURBAN WATER SYSTEMS	143.35	52.66	0	0	0	0	0	0	0	0	0	0	196.01
WALNUT PARK MUTUAL WATER CO.	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER REPLENISHMENT DIST. OF SO. CALIFORNIA	0												0
Grand Totals (AF)	2764.57	2358.63	2094.68	0	0	0	0	0	0	0	0	0	7217.88

Central Basin Municipal Water District

Meter Detail Report for Meter Type - Recycled

End Fiscal Year - 2024

EXHIBIT "B"

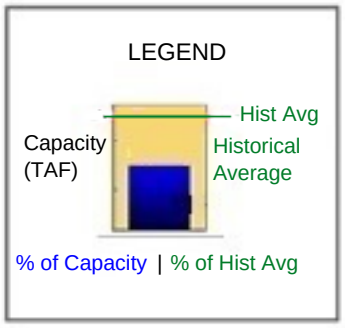
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	9.75	11.72	0	0	0	0	0	0	0	0	0	0	21.47
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	2.87	3.24	0	0	0	0	0	0	0	0	0	0	6.11
CITY OF BELLFLOWER	0.71	1.09	0	0	0	0	0	0	0	0	0	0	1.09
CITY OF CUDAHY	0.18	0.15	0	0	0	0	0	0	0	0	0	0	0.33
CITY OF DOWNEY	106.92	84.04	0	0	0	0	0	0	0	0	0	0	190.96
CITY OF HUNTINGTON PARK	6.15	5.34	0	0	0	0	0	0	0	0	0	0	11.49
CITY OF LYNWOOD	1.62	2.31	0	0	0	0	0	0	0	0	0	0	3.93
CITY OF MONTEBELLO	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF NORWALK	6.07	6.24	0	0	0	0	0	0	0	0	0	0	12.31
CITY OF PARAMOUNT	23.98	29.02	0	0	0	0	0	0	0	0	0	0	53
CITY OF PICO RIVERA	5.74	6.05	0	0	0	0	0	0	0	0	0	0	11.79
CITY OF SANTA FE SPRINGS	105.21	62.86	0	0	0	0	0	0	0	0	0	0	168.07
CITY OF SOUTH GATE	14.18	9.03	0	0	0	0	0	0	0	0	0	0	23.21
CITY OF VERNON	0	54.97	0	0	0	0	0	0	0	0	0	0	54.97
CITY OF WHITTIER	8.04	11.98	0	0	0	0	0	0	0	0	0	0	20.02
GOLDEN STATE WATER COMPANY	44.42	38.37	0	0	0	0	0	0	0	0	0	0	82.79
LIBERTY UTILITIES	27.26	29.06	0	0	0	0	0	0	0	0	0	0	56.32
LOS AMIGOS GOLF COURSE	44.55	36.07	0	0	0	0	0	0	0	0	0	0	80.62
Montebello Land & Water Company	3.79	0	0	0	0	0	0	0	0	0	0	0	3.79
PICO WATER DISTRICT	5.25	5.43	0	0	0	0	0	0	0	0	0	0	10.68
SAN GABRIEL VALLEY WATER CO	32.88	33.3	0	0	0	0	0	0	0	0	0	0	66.18
UPPER SAN GABRIEL VALLEY MWD	4.65	3.75	0	0	0	0	0	0	0	0	0	0	8.4
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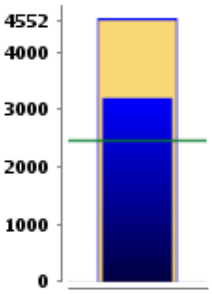


CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

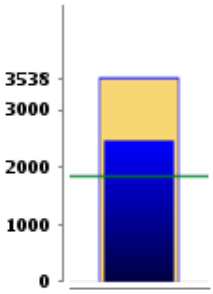
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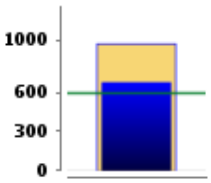




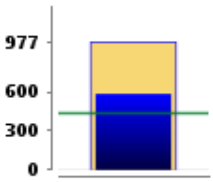
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Shasta



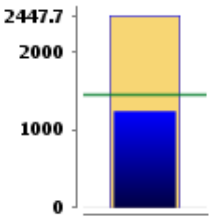
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Oroville



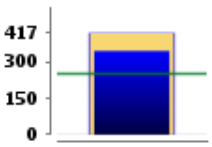
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New Bullards Bar



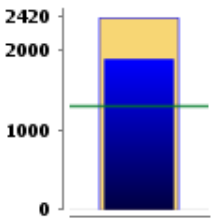
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Folsom



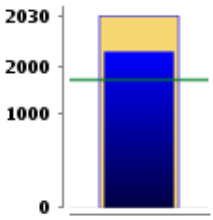
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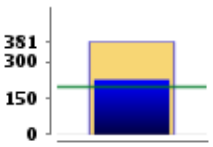
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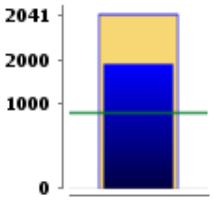
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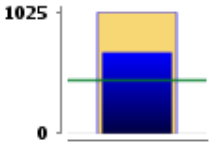
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Don Pedro



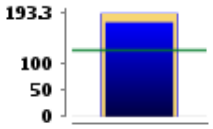
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Sonoma



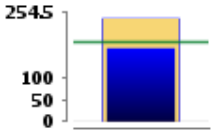
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San Luis



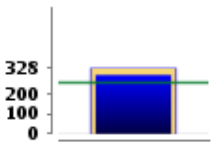
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McClure



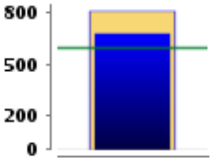
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Cachuma



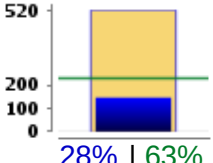
72% | 93%
Casitas



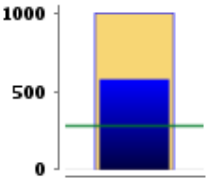
90% | 114%
Castaic



84% | 115%
Diamond Valley



28% | 63%
Millerton



58% | 205%
Pine Flat

Updated 10/23/2023 11:48 AM

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Isabelle Guido

REPORTS AND CORRESPONDENCE

Rio Hondo Pump Station Rehabilitation and Upgrade - Phase 2 Advancing of the Request for Proposal Release

EXHIBITS:

23November002 2023.11.8 RHPS Phase 2.pdf
23November002 2023.11.8 2019 PDR MHPS Phase 2 Exhibit A.pdf

Central Basin Municipal Water District

NOVEMBER 8, 2023 - Engineering & Operations
Bekele, Chacon, Garza
NOVEMBER 27, 2023 - Board Meeting
Prepared by: Isabelle Guido
Submitted by: Isabelle Guido
Approved by: Dr. Alejandro Rojas

REPORTS & CORRESPONDENCE

Rio Hondo Pump Station Rehabilitation and Upgrade – Phase 2
Advancing of the Request for Proposal release

BOARD AUTHORIZATION:

On July 25, 2022, the Board authorized a contract with RT Contractors for the construction of Rio Hondo Pump Station Rehabilitation Phase 1: Motion: Chacon / Second: Apodoca – 5 Yes (Chacon, Gualtieri, Apodoca, Hawkins, Negrete). 3 No (Camacho-Rodriguez, Vasquez-Wilson, Rodrigue).

SUMMARY:

The Central Basin Municipal Water District (District) is constructing Phase 1 of the ultimate three (3) phases of the rehabilitation and upgrade of the Rio Hondo Pump Station (RHPS) located in the City of Pico Rivera. The RHPS was constructed in 1993 as one of the first, and largest, recycled water pump stations for the District which delivers recycled water to the cities of Montebello, Pico Rivera, Whittier, and parts of Santa Fe Springs.

Hazen and Sawyer prepared and submitted a Preliminary Design Report and Conditions Assessment of RHPS on the District's behalf in November 2019. The report included in **Exhibit "A"** evaluates the condition of the RHPS and all its various subsystem components and was used to determine the priority of the improvements and categorize each phase. The scope of work in Phase 1 Improvements include the items below:

1. Replace Level Transmitter No. 2 (Two level transmitters)
2. Replace Flow Control Valve Local Control Panel
3. Replace Chlorine Analyzer (Two Chlorine Analyzers)
4. Replace Pressure Switch
5. Replace Pressure Sensors
6. Replace PLC Cabinet
7. Replace Pressure Gauge
8. Replace 14-inch Discharge Valve for Recycled Water
9. Replace 24-inch Check Valves for Pump Nos. 110, 120 and 130 (3 valves)
10. Replace 18-inch Butterfly Valve
11. Replace 18-inch Limitorque Operator
12. Replace Air Compressor and Air Compressor Receiver Tank
13. Replace Submersible Sump Pump
14. Skid Mounted Self-Contained Sodium Hypochlorite Station Pumps No.1 and 2
15. SCADA Upgrades for Rio Hondo Pump Station, Hollydale Pump Station, Pressure Reducing Station in Santa Fe Springs and Cerritos Pump Station.

In July 2022, the Board authorized a contract with RT Construction for the RHPS Rehabilitation Phase 1 project for $2,866,421. Phase 1 is expected to be completed in June 2024 and Phase 2 is scheduled to begin in fiscal year 2024-2025.

RHPS Rehabilitation Phase 2 project costs based on the Hazen and Sawyer PDR had an estimate of $2,000,000 to $2,100,000 depending on the design scope, construction management needs, and contractor. The scope of work in the RHPS Rehabilitation Phase 2 project included the items below:

1. Replace the motors for Recycled Water Pumps No. 110, 120 and 270
2. Replace the Variable Frequency Drive (VFD) for Recycled Water Pump No. 110, 120, 270.
3. Replace Pump Room Ventilation.
4. Replace Recirculation Line Flow Meter

Recent incidents at the RHPS have induced District staff to start advancing the bidding process for Phase 2 earlier than expected in order to continue operating and distributing recycled water flows at RHPS. District operators Inframark reported the following:

1. Failure of VFDs for Pump 110 in mid-2022 rendering pump inoperable;
2. Failure of Pump 270 motor in July 2023; and
3. Failure of VFD for Pump 270 in September 2023.

The motor for Pump 270 was repaired and replaced in September 2023 and motor for Pump 130 that was not originally included in Phase 2 will be replaced in November 2023 in order to compensate for loss of Pump 110 since Pump 130 had an operable VFD.

The VFD controls the frequency of the electrical power supplied to the pumps and allows the use of a larger pump to meet future or periodic high flow requirements without wasting energy during regular operation times. Recycled water Pump 110 and 120 currently use a 750kVA transformer which starts during the high volume demand times of 11 PM to 4 AM. During serviceable conditions, Pump 270 is used at all hours of the day using a 350kVA transformer to maintain lower energy and optimize pump performance. At this time, Pump 120 is being substituted for Pump 270 for day and night operation which ultimately reduced the efficiency of the pump performance.

To mitigate procurement delays which for both pump and electrical equipment has been estimated at 50 to 60 weeks, District staff will advance the schedule of the scope of work in RHPS Rehabilitation Phase 2 Improvements to include the following:

1. Replace the motors for Recycled Water Pumps No. 110 and 120
2. Replace the Variable Frequency Drive (VFD) for Recycled Water Pump No. 110, 120, 270.
3. Replace Pump Room Ventilation.
4. Replace Recirculation Line Flow Meter

Advancing the schedule of the scope of work by advertising Request for Proposals and awarding a contract within the 2023-2024 fiscal year will allow District to minimize delays in the repairs as the lead time for supplying the pumps and VFDs are expected to be around 50 to 60 weeks. The majority of the cost will be incurred in the fiscal year 2024-2025 once the VFDs are delivered.

PROCUREMENT PROCESS:

District staff will conduct a formal procurement process by advertising though PlanetBids in January for approximately fourty-five (45) to sixty (60) consecutive calendar days for Phase 2 work. District staff will return to the Board for approval.

FISCAL IMPACTS:

Funds for the equipment and installation of the planned RHPS Rehabilitation Phase 2 Improvements are estimated to be $2,000,000 to $2,100,000 and will be included in FY 2024-2025 Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

PROJECT BENEFITS:

Awarding a Contractor in 2023-2024 fiscal year for the supply and installation of the RHPS Phase 2 Rehabilitation will prevent delays in procurement to progress the schedule and reduce energy costs once installed.

COMMITTEE STATUS:

This item will be reviewed by the Engineering & Operations Committee on November 8, 2023.

RECOMMENDED MOTION:

This item is for information and discussion only.

EXHIBITS:

Exhibit “A” – Hazen and Sawyer Preliminary Design Report and Conditions Assessment 2019

Hazen and Sawyer
800 W 6th Street, Suite 400
Los Angeles, CA 90027 • 213.234.1080





Central Basin
Municipal Water District



Central Basin Municipal Water District
Rio Hondo Pump Station

Final Preliminary Design Report
Professional Services Agreement No. 2019-18
Hazen Project No. 20074-001
November 20, 2019

Table of Contents

Executive Summary 1
1. Background 1-1
2. Scope of Work 2-1
2.1 Assets recommended for replacement 2-1
3. Mechanical Improvements 3-1
3.1 Sodium Hypochlorite Pumps 3-1
3.2 Ventilation Equipment 3-1
3.2.1 Pump Room 3-1
3.2.2 Electrical and Control Rooms 3-2
3.3 Air Compressor 3-2
3.4 Recycled Water Pump No 130 3-3
3.5 Valves 3-4
3.5.1 Check Valves 3-4
3.5.2 Air Vacuum valves 3-5
3.5.3 Reservoir Flow Control Valve 3-6
3.6 Submersible Sump Pump 3-6
4. Electrical Improvements 4-1
4.1 Existing Electrical System 4-1
4.2 SCE Power Outages 4-2
4.3 Electrical Improvements 4-3
5. Instrumentation and Controls 5-1
5.1 Existing Control System 5-1
5.2 PLC Control Panel and Termination Panel Replacement 5-3
5.2.1 Option 1 – PLC Cabinet in New Location 5-3
5.2.2 Option 2 – Replace PLC in same location 5-3
5.3 Instrumentation and Control Improvements 5-3
6. Structural Improvements 6-1
6.1 Switchgear Access Improvements 6-1
7. Work Packages 7-1

7.1 Work Packages 7-1
7.1.1 Package A 7-1
7.1.2 Package B 7-1
7.1.3 Package C 7-2
7.1.4 Package D 7-2
8. Construction Sequencing and Temporary Power 8-1
8.1 Constriction Sequencing 8-1
8.2 Temporary Power 8-1

List of Tables

Table 2-1: List of Assets recommended for replacement 2-1
Table 3-1: Sodium Hypochlorite Pumps 3-1
Table 3-2: Pump Room Ventilation Fans 3-1
Table 3-3: Air Compressor 3-3
Table 3-4: Check Valves 3-4
Table 3-5: Air Vacuum Valves 3-5
Table 3-7: Submersible Sump Pump 3-6

List of Figures

Figure 4-1: Electrical Utility Transformer 4-1
Figure 4-2: SWGR-100 Rear Access and Existing Cable Tray System 4-2
Figure 4-3: Medium Voltage Transformer Pad 4-4
Figure 4-4: RWP-120 Variable Frequency Drive 4-5
Figure 4-5: Motor Control Center, MCC-100 4-6
Figure 4-6: 208/120V Distribution Panel 4-7
Figure 4-7: RTU Cabinet 4-8
Figure 5-1: SCADA Server 5-1
Figure 5-2: Main PLC Panel, CP-2 5-2
Figure 6-1: Opening Obstruction 6-1
Figure 6-2: Modified Opening 6-2

List of Appendices

Appendix A: Overall Single Line Diagram
Appendix B: Electrical Testing Reports
Appendix C: Cost Estimate

List of Acronyms

Abbreviation	Definition
CTU	Central Terminal Unit
DFS	Data Flow Systems
MCC	Motor Control Center
MPR	Motor Protection Relay
NEC	National Electric Code
PLC	Programmable Logic Controller
RTD	Resistance Temperature Detector
OIT	Operator Interface Terminal
SCADA	Supervisory Control and Data Acquisition
SCE	Southern California Edison
SQL	Structured Query Language
VFD	Variable Frequency Drive

Executive Summary

This Report presents recommendations and estimated costs for improvements to the Rio Hondo Pump Station. The objectives of this project are to replace aging components or components that no longer provide the level of service required of the pump station to ensure that it will continue to operate reliably.

This Report builds on the work carried out under the Condition Assessment and Risk Failure Analysis Report, dated February 2017 and the more recent Condition Assessment Results Report, dated July 2019. These previous reports catalogued the features of the Pump Station, identified components that had the potential to affect the reliability of the Pump Station and made recommendations for necessary improvements. The basic standard adopted for improvements was:

- *All components with a remaining useful life of five years or less should be replaced.*
- *Components rated as high or medium risk to reliability with a remaining useful life of five to ten years should be replaced.*

The proposed replacement work has been divided into four work packages. The work packages will be implemented sequentially as funds become available. Components with the greatest potential impact on reliability have been included in the earliest work packages.

The overall cost of the proposed work has been estimated as $5.2M. This includes construction costs of $4.0M, engineering costs of $0.4 M, Construction Management costs of $0.6M and Legal Admin and Permitting costs of $0.2M.

Estimated costs of individual package have been estimated as follows:

Package A $1.2 M

Package B $1.5 M

Package C $1.2 M

Package D $1.3 M

A detailed Cost Estimate is included in Appendix C.

1. Background

Rio Hondo Pump Station (RHPS) is a critical part of the Central Basin Municipal Water District (Central Basin) recycled water distribution system. RHPS withdraws water from a Sanitation Districts of Los Angeles County outfall pipeline and pumps it into the Central Basin distribution system. RHPS has the capability to pump recycled water to any part of the Central Basin recycled water distribution system.

RHPS was originally constructed in 1993 and was modified in 2010. Many key components date from the original installation and therefore have been in continuous service for over a quarter century. This project was initiated to provide a rational basis for upgrading the pump station to continue to provide reliable service. The goals of the project are to:

- Evaluate the condition of the pump station
- Identify improvements that are required, or may be required, in the future to maintain the reliability of the pump station
- Plan and design the necessary improvements
- Provide cost estimates for the necessary improvements
- Construct the necessary improvements.

The evaluation of the condition of the pump station and identification of necessary improvements is documented in the Condition Assessment and Risk Failure Analysis Report, dated February 2017 and the more recent Condition Assessment Results Report, dated July 2019. This preliminary Design Report fulfills the goal of planning the identified improvements.

Implementation of the necessary improvements will be carried out in four work packages. These four work packages will be combined into two bid packages. The scope of work for these packages is described in Section 7.

2. Scope of Work

2.1 Assets Recommended for Replacement

The Condition Assessment defined the scope of work for this project as:

- Replacement of 35 assets that are approaching the end of their useful lives in the next five years including three assets that are considered to have reached the end of their useful lives.
- Replacement of 15 assets rated as posing a medium risk to operational reliability that are expected to reach the end of their useful life within the next five to ten years. No assets rated as high risk, were identified as reaching the end of their useful life within this time period. 10 assets rated as low risk which were identified as reaching the end of their useful life within this time period were not recommended for replacement.

The assets recommended for replacement include mechanical, electrical and instrumentation and controls equipment. These assets are listed in Table 2.1. After the completion of the Condition Assessment a small number of additional assets were identified for replacement as part of a detailed evaluation of the Switchgear. These assets are marked with an asterisk in Table 2.1. One item that was originally recommended for replacement, the reservoir control valve, was omitted as it was determined that this valve is no longer in use.

Table 2-1: List of Assets recommended for replacement

Asset	Discipline
Motors for Recycled Water Pumps No. 110, 120, 130, and 270.	Electrical
Variable Frequency Drives for Recycled Water Pumps No. 110,120, 130, and No. 270.	Electrical
Neutral grounding resistors for Recycled Water Pumps No. 110 and 120.	Electrical
Transformer No. 1 (XFMR-110), Transformer No. 2 (XFMR-120), and Transformer No. 3 (XFMR-100)	Electrical
Motor Control Center	Electrical
Power Distribution Panel DP-1 and its associated 30 kVA transformer	Electrical
Interior and exterior building mounted lighting with energy efficient lighting	Electrical
PLC Control Panel, CP-2	Instrumentation and Controls
Pressure indicators for Recycled Water Pumps No. 110, 120 and 130.	Instrumentation and Controls
24-inch Magnetic Flow Meter	Instrumentation and Controls
Recirculation Line Flow Meter	Instrumentation and Controls
Pressure Transmitter (combined with Pressure Switch High)	Instrumentation and Controls
Level Transmitter No 2	Instrumentation and Controls
Wet Well Level Transmitter	Instrumentation and Controls

Wet Well Level Switch High	Instrumentation and Controls
Wet Well Level Switch Low	Instrumentation and Controls
Local Control Panel - Flow Control Valve	Instrumentation and Controls
Pressure Switch High	Instrumentation and Controls
Reservoir Feed Pump Pressure Indicator	Instrumentation and Controls
PW Pressure Indicator	Instrumentation and Controls
Demolish Termination Panel, FIR-100	Instrumentation and Controls
Sodium Hypochlorite Pumps No.1 and 2, replace the motor and outlet piping assembly for Sodium Hypochlorite Pumps No.2 and pressure switches for both Sodium Hypochlorite Pumps.	Mechanical
Check valves for Recycled Water Pumps No. 110, 120.	Mechanical
Combination air valves for Recycled Water Pumps No. 110, 120 and 130.	Mechanical
* Pump for Recycled Water Pump No. 130	Mechanical
Pump Room Ventilation	Mechanical
* Electrical Room Air Conditioning	Mechanical
Submersible Sump Pump	Mechanical
Air Compressor	Mechanical
Air Compressor Receiver Tank	Mechanical
Discharge Valve for Recycled Water	Mechanical
* Modify the building to improve access to the rear of the switchgear	Structural

***** Assets added to the list during the Preliminary Design Phase

3. Mechanical Improvements

3.1 Sodium Hypochlorite Pumps

The scope of work for this element includes replacing Sodium Hypochlorite Pumps No.1 and 2, replacing the motor and outlet piping assembly for Sodium Hypochlorite Pump No.2 and replacement of the pressure switches for both Sodium Hypochlorite Pumps.

The properties of the Sodium Hypochlorite pumps are described in Table 3.1

Table 3-1: Sodium Hypochlorite Pumps

SHC Dosing Pump Data	
Manufacturer	Pulsafeeder
Model	Pulsar 55 HL
Rated Flow Rate	46.9 gph
Rated Pressure	150 psig
Turn Down Ratio	1000:1

Sodium Hypochlorite dosing piping should be Chlorinated Poly Vinyl Chloride piping. The piping should be painted to provide resistance against UV degradation.

The replacement of the two dosing pumps and pressure switches can be done one at a time without requiring a facility shutdown. Replacement of the dosing piping can mostly be completed without a shutdown, however a brief shutdown of one hour or less may be required to interconnect the piping for the two pumps.

3.2 Ventilation Equipment

3.2.1 Pump Room

The pump room contains two ventilation fans, both are recommended for replacement. Each fan has a dedicated thermostat. There is no ductwork associated with these fans. The thermostats for each fan should be replaced along with the fans.

Table 3-2: Pump Room Ventilation Fans

Check Valve	Fan 1	Fan 2
Capacity	15,700 cfm	1,800 cfm
Type	axial	axial
Start Temp	90° F	80° F
Stop Temp	85° F	75° F
Voltage	480	120
Motor Size	5 hp	¼ hp

The replacement of the ventilation fans can be completed without requiring a facility shutdown. Temporary ventilation may be desirable during the replacement of ventilation fan 1, however this could be avoided if the replacement is carried out during cool weather.

3.2.2 Electrical and Control Rooms

The electrical and control rooms are served by a roof mounted air-conditioning unit. The unit supplies 7,320 CFM to the electrical room, and 180 CFM to the control room.

The air-conditioning unit is 30 years old and it is recommended to be replaced. The new air-conditioning unit will be sized based on the total heat rejection load from the equipment in the electrical and control rooms as well as the heat gain through the building envelope.

The existing electrical equipment is experiencing issues with moisture build up. These issues could be the result of cold air blowing directly onto the equipment. The upgraded system will be designed to maintain temperature control within the space and will eliminate existing issues.

3.3 Air Compressor

The air compressor facility serves the surge vessel. The compressor assembly includes two air compressors, an air reservoir, control panel and associated piping and appurtenances. The key parameters of the air compressor facility are described in Table 3.3



Air Compressor

Table 3-3: Air Compressor

Type	Electric Reciprocating
Configuration	Duplex Tank Mounted
Rated Flow Rate	18 cfm
Rated Pressure	175 psig (max)
Tank Size	80 gal

The current air compressor installation has a tank capacity of 80 gallons. This tank size is no longer offered as a standard model by the vendor. Current standard models use a 120 gallon tank size. During detailed design it should be confirmed whether a 120 gallon tank can fit within the available space. If not, the 80 gallon tank is available as a special order.

3.4 Recycled Water Pump No 130

Recycled Water Pump No. 130 has seen little or no operation in recent years, as its capacity is too low to match current recycled water demands. Low demands are currently met using RWP no. 270 while high demands are met with either RWP No. 110 or RWP No. 120. Peak Demands are met by a combination of RWP no. 270 and either RWP No. 110 or RWP No. 120.

In the course of discussions with Central Basin staff while reviewing the Draft Preliminary Design Report it was determined that it would be appropriate to replace the existing RWP No. 130 with a pump with equivalent capacity to RWP No. 270. This would reduce the vulnerability of the Pump Station in the event of failure of RWP No, 270.

The revised RWP No 130 should conform to the requirements listed in Table 3.4.

Table 3-4: Recycled Water Pump No. 130

Type	Vertical Turbine
Rated Flow Rate	3700 gpm
Rated Head	300 feet
RPM	1770
Discharge	14 inch
Service	Booster Pump
Motor hp	350 hp
Voltage	480

Installation of the upgraded RWP No. 130 will require corresponding electrical improvements to accommodate the higher motor power. These improvements are described in Section 4.

3.5 Valves

Valves recommended for replacement include the check valves for Recycled Water Pumps No. 110 and 120, the combination air valves for Recycled Water Pumps No. 110, 120 and 130 and the Reservoir Return Flow Control Valve.

3.5.1 Check Valves

Replacement of the check valves for pumps 110, 120 and 130 was recommended. The replacement check valves should follow the original specification, with the exception that the valve for RWP No. 130 will be upsized to match the increase in pump capacity. Requirements for these valves are outlined in Table 3-5.



Check Valve

Table 3-5: Check Valves

Check Valve	P-110	P-120	P-130
Manufacturer	Val-matic	Val-matic	Val-matic
Model	9814.9XP	9814.9XP	9814.9XP
Style	Tilted Disc	Tilted Disc	Tilted Disc
Diameter	24"	24"	14"
Cold Working Pressure	150 psi	150 psi	150 psi
Material	Carbon Steel	Carbon Steel	Carbon Steel

Check valves can be changed out by isolating an individual pump train. This does not require an overall station shutdown, however the associated pump will be offline for the duration of the valve changeout. To

minimize pump downtime, changeout of each valve can be carried out at the same time as changeout of the relevant air valve (Section 3.4.2).

3.5.2 Air Vacuum valves

Replacement of the air vacuum valves for pumps 110, 120 and 130 was recommended. The replacement valves should follow the original specification. Requirements for these valves are outlined in Table 3-6.



Air Valve

Table 3-6: Air Vacuum Valves

Type	Slow closing air vacuum valve with surge valve
Size	4-inch
Material	Cast Iron
Pressure	150 psi
Model	Apco 1904 or equal

Air valves can be changed out by isolating an individual pump train. This does not require an overall station shutdown, however the associated pump will be offline for the duration of the valve changeout. To minimize pump downtime, changeout of each valve can be carried out at the same time as changeout of the relevant check valve (Section 3.4.1).

3.5.3 Reservoir Flow Control Valve

The reservoir flow control valve was installed to allow control of flow split between recycled water sent to service and water pumped to a storage reservoir. Since the reservoir was never constructed this valve is not currently in use. Therefore, it is not recommended for replacement.

3.6 Submersible Sump Pump

The submersible sump pump in the chemical dosing vault was recommended for replacement. The requirements for this pump are listed in Table 3.7



Submersible Sump Pump

Table 3-7: Submersible Sump Pump

Type	Submersible, corrosion resistant
Rated Flow Rate	46 gpm
Rated Head	27 feet
Discharge	1 ½ inch
Motor hp	0.4 hp
Voltage	115

The submersible sump pump can be replaced without requiring a facility shut down.

4. Electrical Improvements

4.1 Existing Electrical System

An overall single-line diagram of the existing pump station electrical system is shown in Appendix A: Overall Single Line Diagram. As shown, the pump station is served by a 12kV incoming electrical utility service from Southern California Edison (SCE). The utility serves the pump station via an outdoor pad-mount style utility transformer with a 4160V secondary. The secondary conductors are routed to the existing 5kV rated Switchgear, SWGR-100, located in the electrical room of the facility.



Figure 4-1: Electrical Utility Transformer



Figure 4-2: SWGR-100 Rear Access and Existing Cable Tray System

There is an existing 4160V and 480V cable tray system in place between SWGR-100 and the 4160:480V pad mount transformers located outside. The 4160V and 480V cable trays extend from SWGR-100 to the downstream loads, located within the electrical room. The 480V cable tray extends from the variable frequency drives to the pump room in order to support the power feeders to the pumps.

4.2 SCE Power Outages

Over the course of less than six weeks, between July 5th and August 11th, 2019, Rio Hondo Pump Station experienced five power outages. On each date in which a power outage to the site occurred, SCE had a major issue with their distribution system. The SCE distribution issues resulted in the main circuit breaker in the 5kV Switchgear tripping and taking the entire pump station off-line. Although the issue stemmed from SCE's distribution system, as a result of the outages, Power System Services and Littlejohn-Reuland Corporation provided services and additional recommendations to improve the power system. Recommendations made by Power System Services can be found in Appendix B: Electrical Testing Reports. As recommended by Power System Services, the non-shielded switchgear feeder cables will be replaced along with the associated pad mount transformers and issues of condensation on electrical

equipment will be investigated during replacement of the air conditioning unit as described in Section 3.2.2.

4.3 Electrical Improvements

Hazen recommended testing of the 5kV switchgear, SWGR-100, during preliminary design. Power Systems Services performed testing of the switchgear on June 4th, 2019. Generally, the switchgear performed well, but due to a lack of routine maintenance over the years a number of different issues with the medium voltage circuit breakers were identified, as shown in Appendix B: Electrical Testing Reports. Central Basin has resolved a few of the most critical items identified in the report and plans to address the remaining items in the following months. Due to the overall satisfactory results of the switchgear testing, Hazen recommends to re-use SWGR-100.

SWGR-100 supplies power to four medium voltage pad-mount transformers located outside of the Pump Station Electrical Room. Transformers XFMR-110 and XFMR-120 are existing 750kVA transformers which step down the voltage from 4160V to 480V and supply 480V power to Variable Frequency Drives (VFD's) for RWP-110 and RWP-120 respectively. Each 750kVA transformer has a neutral grounding resistor mounted adjacent to the transformer. SWGR-100 also supplies power to MCC-100 via a 500kVA transformer, XFMR-100. These three transformers and the two associated neutral grounding resistors were installed in 1993 and are approaching end of life. Hazen recommends replacing transformers XFMR-110, XFMR-120, XFMR-100 and the neutral grounding resistors associated with XMFR-110 and XFMR-120. The transformers will be NEMA 3R rated, pad-mount, match the existing transformer size, and be installed in the same footprint as the existing transformers to facilitate the re-use of the exiting cable tray system.

SWGR-100 also supplies power to XFMR-270 which is an existing 500kVA transformer installed in 2010. This transformer supplies 480V power to the VFD for RWP-270, is in good condition and does not need to be replaced.



Figure 4-3: Medium Voltage Transformer Pad

The existing Variable Frequency Drives (VFD's) for Reclaimed Water Pumps No. 1 and No. 2 (RWP-110 and RWP-120) are Rockwell Automation Power Flex VFD's manufactured in 1993. Both VFD's are rated for 480V, 700HP, 65kA, NEMA 1 and contain a power section with a disconnect as well as two control sections. These VFD's do not appear to be equipped with a motor protection relay (MPR). It is recommended to replace these VFD's with VFD's of a similar rating and in the same location as the existing VFD's. Hazen will coordinate with potential named manufacturers of VFD's during detailed design to ensure the new VFD's fit within the existing space. Hazen plans to design the VFDs with motor protection relays and will work with Central Basin during detailed design to understand preferences on motor protection relay manufactures. New armored cable will be installed with the intent of re-using the existing cable tray infrastructure.



Figure 4-4: RWP-120 Variable Frequency Drive

The existing VFD for RWP-270 is a Rockwell Automation Bulletin 2100 VFD manufactured in 2010. This VFD contains a power section and a control section. The VFD for RWP-270 has a General Electrical Multilin 369 Motor Protection Relay (MPR). It is recommended to replace this VFD with a VFD of a similar rating and in the same location as the existing VFD. Hazen will coordinate with potential named manufacturers of VFD during detailed design to ensure the new VFD will fit within the existing space. New armored cable will be installed with the intent of re-using the existing cable tray infrastructure.

During replacement of the VFD's for RWP-110, RWP-120, and RWP-270 it is recommended to replace the pump motors. The motors will be specified to be inverter duty rated. The existing 350hp pump motor RWP-270 has integral Resistance Temperature Detectors (RTD's) which help prevent the motor from overheating. The RTD's are connected to a General Electrical Multilin Motor Protection Relay (MPR) located in the VFD enclosure. The motors for RWP-110 and RWP-120 do not appear to have RTD's. Due

to the size of these motors, Hazen intends to specify motors for RWP-110, RWP-120, and RWP-270 that will have RTD's.

The existing Motor Control Center, MCC-100, is a Westinghouse Series 2100 manufactured in 1993. The existing MCC is rated for 480V, 3 phase, 3 wire, 600A, and 65kAIC and is recommended to be replaced. Due to the upsizing of RWP-130 as described below, the replacement MCC will be rated for 480V, 800A, and 65kAIC. Hazen recommends installing the replacement MCC in the same location as the existing MCC, which will allow the re-use of existing conduits to the extent possible. Hazen recommends replacing the supply conductors from SWGR-100, as well as downstream conductors, via existing cable tray and conduit respectively.



Figure 4-5: Motor Control Center, MCC-100

MCC-100 supplies power to the VFD for RWP-130, in addition to several miscellaneous loads. The existing VFD for RWP-130 is a GemDrive AC. As described in Section 3.4, it was determined to be appropriate to replace existing RWP No. 130 with a pump having equivalent capacity to RWP No. 270.

As a result of this decision, the VFD for RWP No. 130 will be replaced with a 480V, 350 hp VFD. Similar to the approach recommended for RWP No. 270, Hazen recommends providing a motor for RWP-130 with RTD's to prevent the motor from overheating, as well as a motor protection relay within the RWP-130 VFD enclosure.

MCC-100 also supplies a distribution panel, DP-1, via a 30kVA 480V:208/120V dry-type transformer located adjacent to the RWP-130 VFD. DP-1 is a 42 circuit 208/120V, 100A Westinghouse PRL1 type panelboard. Hazen recommends replacing the 30kVA transformer, as well as the distribution panel. During detailed design, Hazen will evaluate the added benefit of upsizing the dry-type transformer and associated panelboard.



Figure 4-6: 208/120V Distribution Panel

During a site visit conducted as part of the condition assessment, it was observed that the RTU cabinet, mounted above the 30kVA transformer, does not have sufficient working Clearance as required by the National Electrical Code (NEC). During detailed design, Hazen will evaluate relocating the RTU or the dry-type transformer in order to provide adequate working space in front of the RTU cabinet.



Figure 4-7: RTU Cabinet

5. Instrumentation and Controls

5.1 Existing Control System

The Rio Hondo Pump Station has a redundant SCADA Server which is manufactured by Data Flow Systems (DFS), located in the Pump Station Control Room. The SCADA server runs on a Linux platform and has a back-end SQL database. The Pump Station Programmable Logic Controller (PLC) communicates with the SCADA Server via Modbus communication protocol.

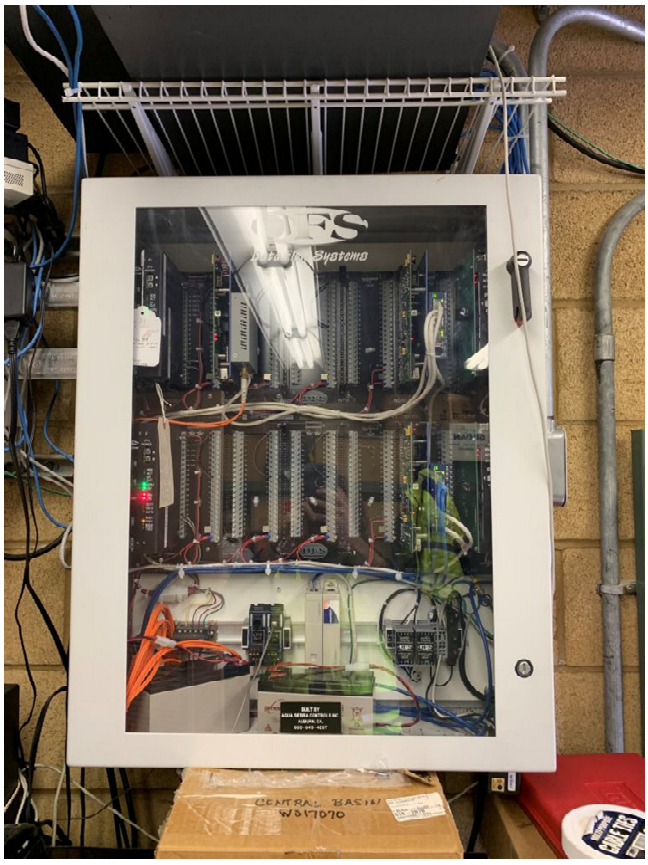


Figure 5-1: SCADA Server

Control Panel No. 2 (CP-2) houses the main PLC for the pump station. While CP-2 was constructed in 2010, the PLC within the control panel is an Allen-Bradley SLC 5/05 which is original to the site and was installed in 1993. CP-2 has an Operator Interface Terminal (OIT) on the face of the enclosure, which is an Allen-Bradley PanelView Plus 1500.



Figure 5-2: Main PLC Panel, CP-2

There are several instrumentation and SCADA components that are approaching the end of their expected useful life. Operations staff as well as the System Integrator have recommended replacement of the following items:

a. SCADA Servers and associated batteries in SCADA Server enclosure

b. Central Terminal Unit (CTU) batteries

c. SCADA Workstation

d. PLC Control Panel, CP-2

e. FIR-100: Termination Panel

f. Purchasing a Spare Radio.

g. Installation of a flow meter and pressure transmitter on the interconnection line/feed in "San Jose Outfall Feed" pipeline.

It is understood that items a, b, and c will be addressed in a separate SCADA project package and are not to be included in this design package. Items d and e will be addressed as part of this project, whereas further discussion is necessary to determine if items f or g should be included in this project.

5.2 PLC Control Panel and Termination Panel Replacement

During detailed design, different replacement options for the existing PLC cabinet, CP-2, termination panel, and FIR-100 panel will be evaluated to determine the best configuration for pump station operability during construction. Regardless of the approach adopted, Hazen will need to conduct additional field investigations to better understand what instruments are currently terminated at the original termination panel and how to best transition these I/O points to the new PLC cabinet.

5.2.1 Option 1 – PLC Cabinet in New Location

The first replacement option involves finding a new location for a new PLC cabinet. This would allow the existing PLC to continue running with minimal downtime. The I/O wiring would be cut over one piece of equipment at a time allowing for most of the pump station to be running without interruption or with minimal interruption. Also, if any errors with the PLC programming are discovered, the wiring can be moved back over to CP-2 as a worst case fall back scenario. During detailed design Hazen will evaluate available space in the electrical and control rooms to determine the feasibility of this option.

5.2.2 Option 2 – Replace PLC in Same location

The second replacement option involves placing the new PLC cabinet in the same location as existing panel CP-2, which would allow the existing conduits and junction box above the control panel enclosure to be re-used. This approach will require the pump station to be offline (without PLC controls or monitoring) for an extended period during PLC replacement and startup and testing activities. This method may also require the use of a temporary PLC during the construction. During detailed design, Hazen will collaborate with Central Basin to determine allowable pump station downtime in order to determine if this a feasible option.

5.3 Instrumentation and Control Improvements

A number of instruments installed in 1993 as part of the original construction are approaching the end of their useful life. Hazen recommends replacing the following instruments:

- Pressure Indicators for Recycled Water Pump No. 110, 120, 130: PI-110, PI-120, PI-130
- Station discharge 24" Magnetic Flowmeter: FE/FIT-100

- Station Discharge Pressure Transmitter and Pressure Switch High: PT-100 & PSH-101
- Level Transmitter No. 2: LIT-102
- Wet Well Level Transmitter: LE/LIT-100
- Wet Well Level Switch High and Level Switch Low: LSH-101 and LSL-101
- Reservoir Feed Pump Discharge Pressure Indicator: PI-200
- Potable Water Pressure Indicator

Hazen recommends the motor protection relays located in the VFD enclosures be provided with EtherNet/IP communications via an RJ-45 port. Hazen recommends the following data points be available for communication from the motor protection relay to the pump station PLC panel:

- Voltage, each phase
- Current, each phase
- Power factor
- Phase Loss alarm
- Temperature, each stator RTD
- Temperature, each motor bearing RTD
- Temperature, each pump bearing RTD
- Over Voltage alarm
- Under Voltage alarm
- Over Current alarm
- Number of starts
- Remaining starts
- Motor starts exceeded
- Total energy consumption
- Power in kilowatts
- Motor Protection Relay Fault alarm
- Motor Shutdown alarm

Hazen also recommends networking the VFD's being replaced as part of this project into the PLC/SCADA system via an Ethernet communication link for each VFD. Process controls for the VFD's will remain hard-wired, but networking of the VFD's will help facilitate improved preventive

maintenance. Hazen will implement networking of VFD's for the following pumps: RWP-110, RWP-120, RWP-130, and RWP-270. The following I/O is recommended to be monitored for each VFD:

- VFD Fault alarm
- Short Circuit on the Output of the VFD alarm
- Instantaneous Overcurrent – VFD or Motor alarm
- Motor Overload alarm
- Undervoltage or Overvoltage on the Incoming AC Line alarm
- Single-Phasing of the Incoming AC Line alarm
- Overtemperature of the VFD Electronics
- Gate Driver Power Supply or Control Power Supply Undervoltage alarm
- VFD Output Open Circuit During Operation alarm
- Overvoltage or Ground Fault of the VFD Output alarm
- Cause of Individual Power Cell Fault Isolated to Failed Device alarm
- Horsepower
- Run
- Fault

During a site visit conducted as part of the condition assessment, plant staff made it known that the intrusion switches on the building doors are not currently functioning. The building doors are equipped with intrusion switches, but the opening of the door does not alarm in SCADA. During the detailed design phase of this project, Hazen will coordinate with operations staff to investigate this issue, which may require replacement of the building door intrusion switches.

6. Structural Improvements

6.1 Switchgear Access Improvements

The main electrical switchgear is located against the east wall of the electrical room. A single door and a double door are provided in this wall to provide access to the rear side of the switchgear, however there is a portion of the switchgear that is obstructed by a masonry pier between the single and double doors. Figure 6-1 shows this obstruction.



Figure 6-1: Opening Obstruction

To overcome this obstruction, the portion of the wall between the two doors can be removed. Removal of this obstruction requires structural modifications to the building to avoid compromising the wall above the opening. A steel frame can be constructed to support the wall above the opening.

Installing new single or double doors within the larger opening would require adding intermediate column members to attach the door frames which could potentially result in the same issue of limiting access. A

roll-up door is not practical because cable trays above the opening prevent the installation of the overhead roller. A sliding door (barn-style) would be difficult to seal properly and might allow rainwater or vermin to enter. The preferred solution is therefore to install a prefabricated metal building around the opening. This building could be tightly sealed against the wall and provided with a large access door for personnel to gain access to the rear of the panels. The building could be designed so that the entire building could be removed if it was desired to remove a section of switchgear. Figure 6-2 illustrates this concept.

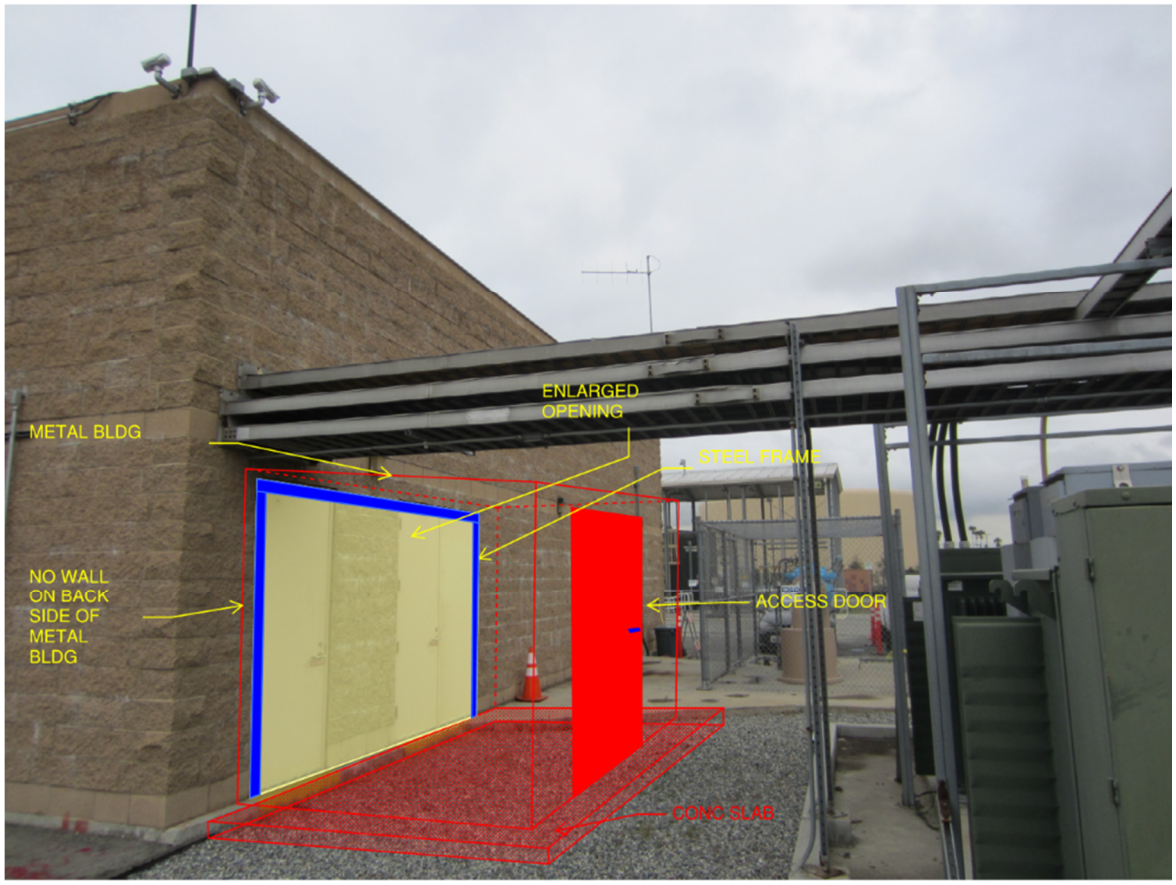


Figure 6-2: Modified Opening

6.2 Deferred Implementation

Based on current financial constraints it was determined that implementation of the switchgear access improvements should be deferred to a later date.

7. Work Packages

7.1 Work Packages

The recommended work has been divided into four work packages. The work packages have been tailored to allow the most impactful work to be carried out first while taking into consideration budgetary constraints.

After a review of available financing it appears that it will be possible to consolidate Package A and B into a single bid package and then consolidate Package C and D into a second bid package. This approach should reduce the overall time to complete the improvements and reduce the disruption to operations.

In order to ensure that sufficient funds are available for the contract, some items will be included as optional tasks. Depending on the overall project costs these items may be omitted from the construction contract to keep the overall cost within the available funds.

7.1.1 Package A

Package A includes the following work:

Item	Estimated Cost ($ x 1,000)
Replace Sodium Hypochlorite Pumps No.1 and 2, replace the motor and outlet piping assembly for Sodium Hypochlorite Pumps No.2 and replace the pressure switches for both Sodium Hypochlorite Pumps.	60
Replace the Variable Frequency Drives for Recycled Water Pumps No. 110 and 120.	1,165

The construction cost for Package A has been estimated as $1.2 million. A buildup of this cost estimate is provided in Appendix C.

7.1.2 Package B

Package B includes the following work:

Item	Estimated Cost ($ x 1,000)
Replace the Variable Frequency Drives for Recycled Water Pumps No. 270.	436
Replace the motors for Recycled Water Pumps No. 110, 120 and 270.	442
Replace Transformer No. 3 (XFMR-100) with an upgraded transformer to handle the additional power required by the new Recycled Water Pump No. 130.	251
Replace the Motor Control Center	238
Replace Power Distribution Panel DP-1 and its associated 30 kVA transformer	53
Replace the interior and exterior building mounted lighting with energy efficient lighting	31

The construction cost for Package B has been estimated as $1.5M. A buildup of this cost estimate is provided in Appendix C.

7.1.3 Package C

Package C includes the following work:

Item	Estimated Cost ($ x 1,000)
Replace PLC Cabinet, CP-2 and Demolish Termination Panel, FIR-100	516
Replace the check valves for Recycled Water Pump 130 and purchase a single spare valve suitable for replacing the valve for No. 110 or 120.	241
Replace the combination air valves and pressure indicators for Recycled Water Pumps No. 110, 120 and 130.	53
Magnetic Flow Meter	122
Electrical Room Air Conditioning and Ductwork	134
Pump Room Ventilation	35
Recirculation Line Flow Meter	30
Submersible Sump Pump	12
Air Compressor and receiver tank	27
Pressure Transmitter (combined with Pressure Switch High)	16
Level Transmitter No 2	10
Wet Well Level Transmitter and high and low switches	22
Discharge Valve for Recycled Water	4
Recirculation Valve Pressure Indicator	3
PW Pressure Indicator	1

The following work will be included in Package C as optional tasks. These items will be omitted if or substituted to keep the overall project cost within the financial limits.

Item	Estimated Cost ($ x 1,000)
Replace the check valves for Recycled Water Pumps No. 110 and 120. (as an alternative the option of purchasing a single spare check valve will also be included in the contract).	486

The construction cost for Package C has been estimated as $1.2 M. This does not include the optional tasks. A buildup of this cost estimate is provided in Appendix C.

7.1.4 Package D

Package D includes the following work:

Item	Estimated Cost ($ x 1,000)
Replace Transformer No. 1 (XFMR-110) and Transformer 2 (XFMR-120)	542
Replace the neutral grounding resistors for Recycled Water Pumps No. 110 and 120. (Each neutral grounding resistor is associated with a 750kVA 4160-480V transformer associated with RWP-110 and RWP-120)	53
RW Pump No 3 (RWP-130) Variable Frequency Drive 3	208
RW Pump No 3 RWP-130) Pump and Motor	438

The construction cost for Package D has been estimated as $1.3M. A buildup of this cost estimate is provided in Appendix C.

8. Construction Sequencing and Temporary Power

8.1 Constriction Sequencing

Minimizing downtime during construction is crucial to avoiding revenue loss. During detailed design a construction sequencing plan will be developed in order to minimize the down time of crucial equipment. The replacement of the VFD's, transformers, and motors for RWP-110 and RWP-120 will be staggered to ensure one fully functional 700 HP pump throughout the construction process.

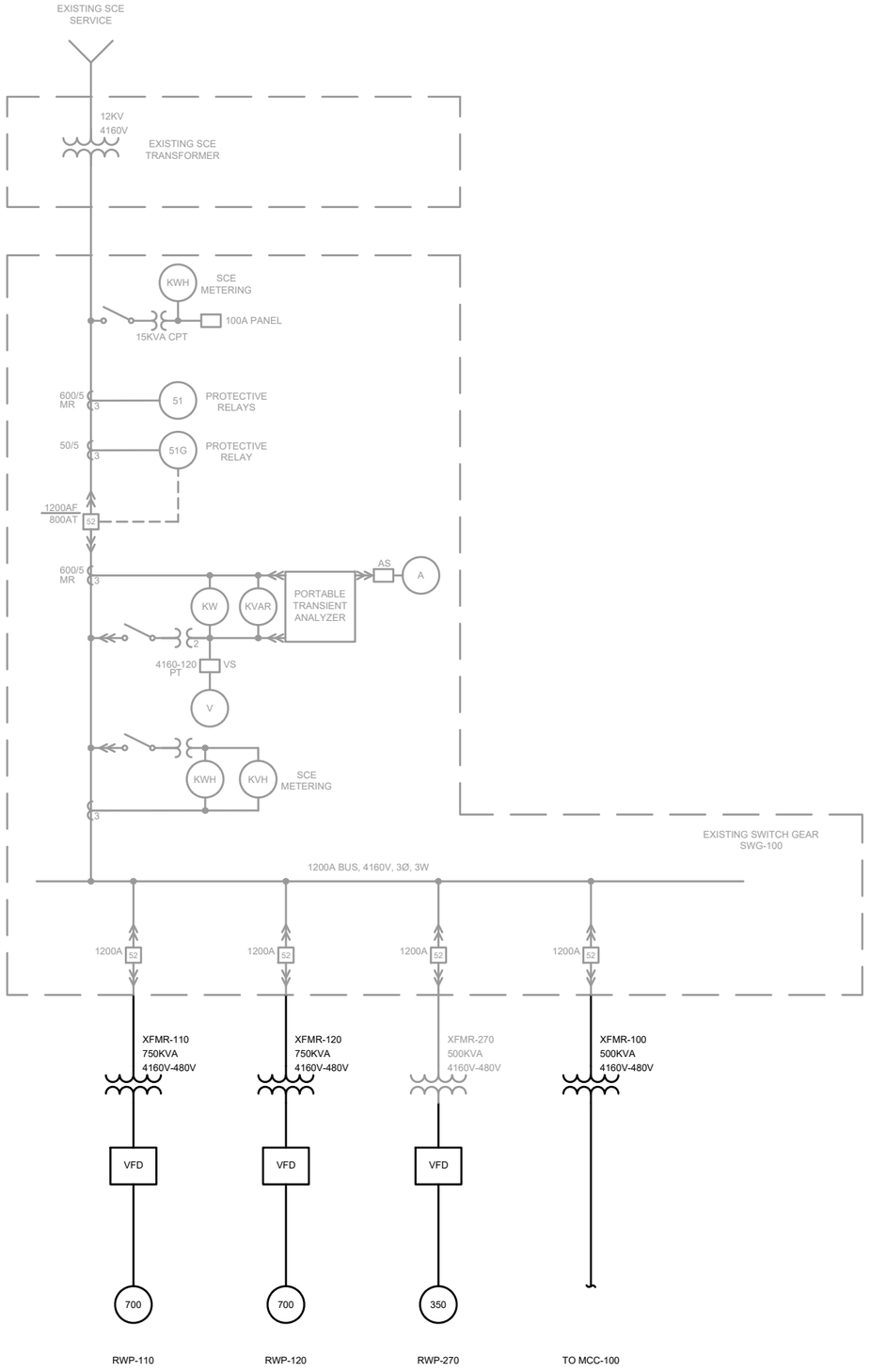
8.2 Temporary Power

During replacement of MCC-100, critical loads fed from this MCC and associated downstream panelboard, DP-1, will require temporary power. The contract documents will require the Contractor to submit a well thought out construction sequencing plan to minimize the use of temporary power while maintaining a satisfactory level of service to operate the pump station.

A list of loads fed from MCC-100 is shown below:

- Recycled Water Pump, RWP-130
- Exhaust Fan, EXF-1
- Sluice Gate, MOV-100
- Air Conditioning Unit, AHU-1
- Flow Control Valve, MOV-200
- Reservoir Feed Valve, MOV-210
- Air Compressor Panel, LCP-325
- Distribution Panel, DP-1

Appendix A: Overall Single Line Diagram



Hazen
HAZEN AND SAWYER
800 WEST 6TH STREET, SUITE 400
LOS ANGELES, CALIFORNIA 90017

CENTRAL BASIN MUNICIPAL WATER DISTRICT

OVERALL SINGLE LINE DIAGRAM

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Appendix B: Electrical Testing Reports

Rio Hondo Pump Station

Medium Voltage

Electrical Testing Report

Presented to
Mr. Alan Mlakar, P.E.
Senior Principal Electrical Engineer – Hazen and Sawyer
June 12, 2019

Power Systems Services, Inc.
13409 Benson Avenue
Chino, CA 91710
(909) 590-2197

POWER SYSTEMS SERVICES, INC.

13409 Benson Avenue
Chino, CA 91710
C-10 License # 710017

Office: (909) 590-2197
FAX: (909) 590-3325
Cell Phone: (951) 453-1634

June 12, 2019

Hazen and Sawyer
11260 El Camino Real
Suite # 102
San Diego, CA 92130

Attn: Mr. Alan Mlakar, PE
Senior Principal Engineer, Electrical

RE: Report for the Preventive Maintenance at the Rio Hondo Pump Station

PSS Job Number: 5029

Dear Alan,

On June 4, 2019, Power Systems Services performed the preventive maintenance of the medium voltage switchgear at the Rio Hondo Pump Station in Pico Rivera, CA. Generally, the equipment was relatively clean but the lack of maintenance over the years caused a number of different issues with the medium voltage circuit breakers.

We did manage to repair a number of those problems through the maintenance procedure but there are other issues which require your attention. These are listed in the following section along with our recommendations for corrections.

Please note that we found a broken closing spring in the Main Breaker. Because this circuit breaker is unsafe to operate in this condition, we removed it from the switchgear and used the breaker from the Reclaim Pump # 1 in its place.

If you have any questions regarding this report or if we may be of further assistance to you, please call me at the office at (909) 590-2197 or on my cell phone at (951) 453-1634. Thank you for allowing us to provide our services.

Sincerely,

Bob Young
Project Engineer

Discrepancies and Recommendations

Circuit Identification	Main Breaker
Problem	The left charging spring is broken and the closing action of the breaker is relatively weak because of it.
Recommendation	Replace the spring before placing this breaker back into service.

Circuit Identification	Feeder Breaker Reclaim Pump # 1
Problem	The capacitor trip device is defective and the breaker cannot be electrically opened.
Recommendation	Replace the capacitor trip device prior to reenergizing this circuit.

Circuit Identification	Feeder Breaker 270
Problem	The breaker's spring charging motor would continuously run after the breaker was closed because the pawl lacked sufficient lubrication to engage the gear. In addition, the breaker would trip free if an attempt to close it was made.
Recommendation	The operating mechanism was cleaned, lubricated, and exercised with satisfactory results.

Circuit Identification	General
Problem	All of the circuit breakers had mechanical problems stemming from the lack of lubrication and exercise.
Recommendation	The mechanisms were lubricated and exercised but we are recommending that maintenance be performed every two years to keep them in good operational condition.

Circuit Identification	Reclaim Pump # 2 and 500 KVA Transformer Feeder Breakers
Problem	The control switches are missing their plastic handles.
Recommendation	Replace the handles at your earliest opportunity.

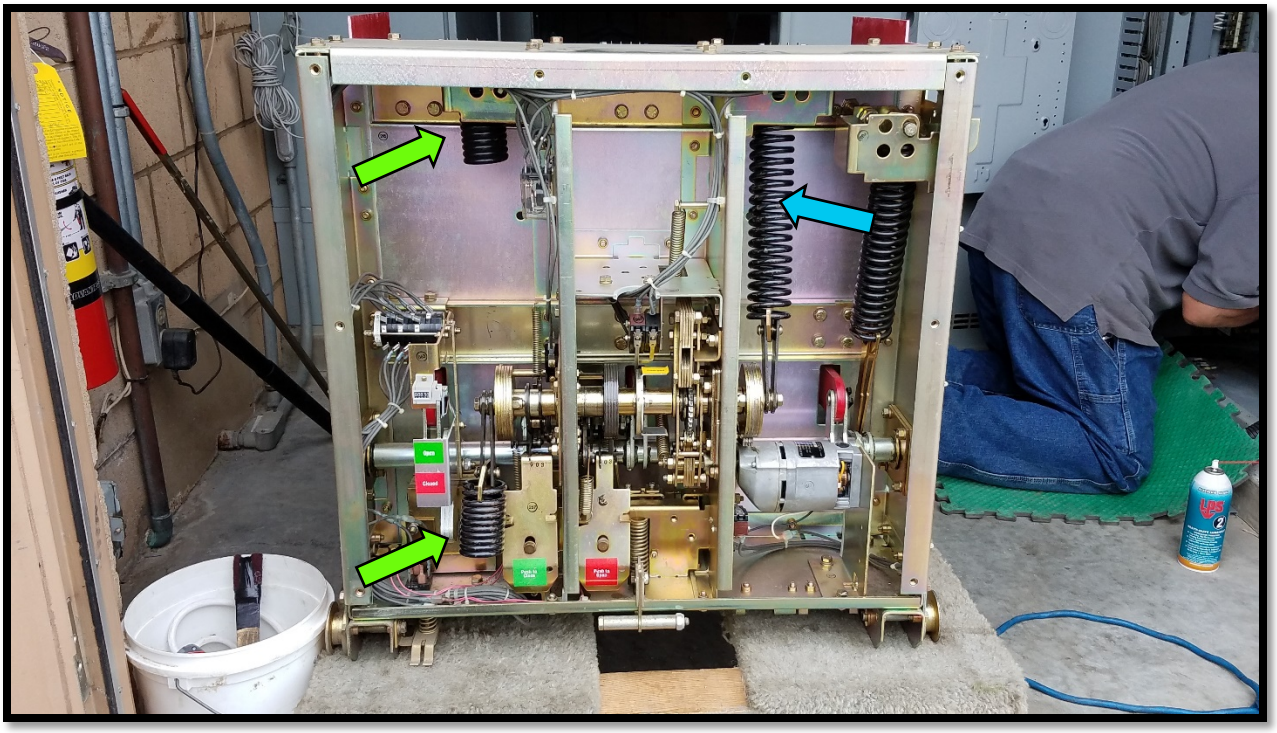


Figure 1: The Main Breaker left charging spring (green arrows) is broken and needs to be replaced before placing this breaker back in service. The right charging spring is shown with a blue arrow.

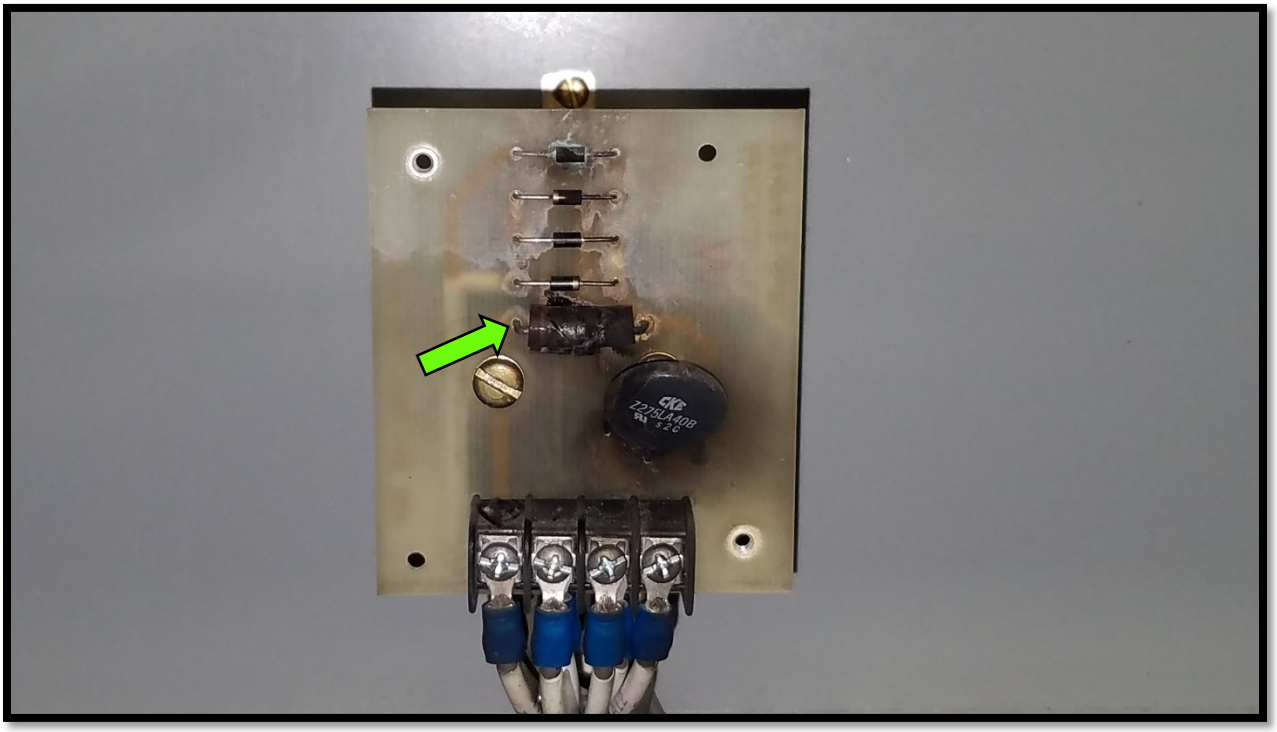


Figure 2: The capacitor trip for the Reclaim Pump # 1 is defective and will not trip the breaker. It should be replaced immediately.

Overcurrent Relay Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: Bob Young	**Date:** June 04, 2019
Circuit Designation Rio Hondo Pump Station Main Breaker	
Relay Nameplate Data ABB Type CO-11 HILO Overcurrent Relay	**Ground Relay Nameplate Data** ABB Type IT Instantaneous Overcurrent Relay
Style # 265C047A05	Style # 1351D17A01
Overcurrent Unit: 1 - 12 Amps	Instantaneous Trip: 0.15 - 0.30 Amps
Instantaneous Unit: None	Indicator: 0.2 - 2 Amps
Indicator: 0.2 - 2 Amps	Instruction Leaflet: 41-771.1
Instruction Leaflet: 41-100	
C.T. Ratio: N/A	**C.T. Ratio:** N/A

Relay Settings			
	Tap Amps	**Time Dial**	**Instantaneous**
Phase A	5	10	N/A
Phase B	5	10	N/A
Phase C	5	10	N/A
Ground			

Relay Overcurrent Tests

	Pickup (Amps)	**Time Delay (sec)** 2X	**Time Delay (sec)** 5X	**Time Delay (sec)** 10X	**Time Delay (sec)**	**Instantaneous Pickup (Amps)**	**Target Operation (Amps)**
Phase Relay Curve	5.0 A	21 sec.	2.75 sec.	0.82 sec.		N/A	0.20 ADC
Phase A	5.0 A	20.75 sec.	2.76 sec.	0.84 sec.			0.19 ADC
Phase B	5.1 / 5.0 A	19.75 sec.	2.70 sec.	0.83 sec.			0.20 ADC
Phase C	5.1 / 5.0 A	20.76 sec.	2.79 sec.	0.83 sec.			0.19 ADC
Ground Relay Curve						0.30 A	2.0 ADC
Ground						0.30 A	1.9 ADC

When two numbers are given, the first is the "as Found Value" and the second is the "As Left Value".

Remarks

1) Test results are satisfactory.

Overcurrent Relay Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: Bob Young	**Date:** June 04, 2019
Circuit Designation Rio Hondo Pump Station Feeder Breaker Reclaim Pump # 1	
Relay Nameplate Data ABB Type CO-11 HILO Overcurrent Relay	**Ground Relay Nameplate Data** ABB Type IT Instantaneous Overcurrent Relay
Style # 265C047A07	Style # 1351D17A01
Overcurrent Unit: 1 - 12 Amps	Instantaneous Trip: 0.15 - 0.30 Amps
Instantaneous Unit: 6 - 144 A	Indicator: 0.2 - 2 Amps
Indicator: 0.2 - 2 Amps	Instruction Leaflet: 41-771.1
Instruction Leaflet: 41-100	
C.T. Ratio: 250:5	**C.T. Ratio:** 250:5

Relay Settings			
	Tap Amps	**Time Dial**	**Instantaneous**
Phase A	7	1	18 A
Phase B	7	1	18 A
Phase C	7	1	18 A
Ground			

Relay Overcurrent Tests

	Pickup (Amps)	**Time Delay (sec)** 2X	**Time Delay (sec)** 5X	**Time Delay (sec)** 10X	**Time Delay (sec)**	**Instantaneous Pickup (Amps)**	**Target Operation (Amps)**
Phase Relay Curve	7.0 A	1.75 sec.	0.24 sec.	0.096 sec.			0.2 ADC
Phase A	7.2 / 7.0 A	1.43 sec.	0.23 sec.	0.093 sec.		17.5 A	0.16 ADC
Phase B	7.2 / 7.0 A	1.56 sec.	0.24 sec.	0.096 sec.		17.5 A	0.18 ADC
Phase C	7.3 / 7.0 A	1.50 sec.	0.24 sec.	0.097 sec.		17.5 A	0.19 ADC
Ground Relay Curve						0.15 A	2.0 ADC
Ground						0.15 A	1.8 ADC

When two numbers are given, the first is the "as Found Value" and the second is the "As Left Value".

Remarks

1) Test results are satisfactory.

Overcurrent Relay Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: Bob Young	**Date:** June 04, 2019
Circuit Designation Rio Hondo Pump Station Feeder Breaker Reclaim Pump # 2	
Relay Nameplate Data ABB Type CO-11 HILO Overcurrent Relay	**Ground Relay Nameplate Data** ABB Type IT Instantaneous Overcurrent Relay
Style # 265C047A07	Style # 1351D17A01
Overcurrent Unit: 1 - 12 Amps	Instantaneous Trip: 0.15 - 0.30 Amps
Instantaneous Unit: 6 - 144 A	Indicator: 0.2 - 2 Amps
Indicator: 0.2 - 2 Amps	Instruction Leaflet: 41-771.1
Instruction Leaflet: 41-100	
C.T. Ratio: 250:5	**C.T. Ratio:** 250:5

Relay Settings			
	Tap Amps	**Time Dial**	**Instantaneous**
Phase A	7	1	18 A
Phase B	7	1	18 A
Phase C	7	1	18 A
Ground			

Relay Overcurrent Tests

	Pickup (Amps)	**Time Delay (sec)** 2X	**Time Delay (sec)** 5X	**Time Delay (sec)** 10X	**Time Delay (sec)**	**Instantaneous Pickup (Amps)**	**Target Operation (Amps)**
Phase Relay Curve	7.0 A	1.75 sec.	0.24 sec.	0.096 sec.			0.20 ADC
Phase A	7.4 / 7.0 A	1.58 sec.	0.25 sec.	0.099 sec.		17.5 A	0.18 ADC
Phase B	7.3 / 7.0 A	1.64 sec.	0.24 sec.	0.096 sec.		17.5 A	0.18 ADC
Phase C	7.2 / 7.0 A	1.70 sec.	0.25 sec.	0.098 sec.		17.5 A	0.16 ADC
Ground Relay Curve						0.15 A	2.0 ADC
Ground						0.15 A	1.9 ADC

When two numbers are given, the first is the "as Found Value" and the second is the "As Left Value".

Remarks

1) Test results are satisfactory.

Overcurrent Relay Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: Bob Young	**Date:** June 04, 2019
Circuit Designation Rio Hondo Pump Station Feeder Breaker Transformer 270	
Relay Nameplate Data ABB Type CO-11 HILO Overcurrent Relay	**Ground Relay Nameplate Data** ABB Type IT Instantaneous Overcurrent Relay
Style # 265C047A07	Style # 1351D17A01
Overcurrent Unit: 1 - 12 Amps	Instantaneous Trip: 0.15 - 0.30 Amps
Instantaneous Unit: 6 - 144 A	Indicator: 0.2 - 2 Amps
Indicator: 0.2 - 2 Amps	Instruction Leaflet: 41-771.1
Instruction Leaflet: 41-100	
C.T. Ratio: 250:5	**C.T. Ratio:** 250:5

Relay Settings			
	Tap Amps	**Time Dial**	**Instantaneous**
Phase A	2.5	10	18 A
Phase B	2.5	10	18 A
Phase C	2.5	10	18 A
Ground			

Relay Overcurrent Tests

	Pickup (Amps)	**Time Delay (sec)** 2X	**Time Delay (sec)** 5X	**Time Delay (sec)** 10X	**Time Delay (sec)**	**Instantaneous Pickup (Amps)**	**Target Operation (Amps)**
Phase Relay Curve	2.5 A	21 sec.	2.75 sec.	0.82 sec.			0.20 ADC
Phase A	2.7 / 2.5 A	20.23 sec.	2.69 sec.	0.85 sec.		20.5 A	0.19 ADC
Phase B	2.6 / 2.5 A	20.45 sec.	2.70 sec.	0.85 sec.		20.0 A	0.17 ADC
Phase C	2.5 A	20.75 sec.	2.74 sec.	0.86 sec.		20.5 A	0.16 ADC
Ground Relay Curve						0.20 A	2.0 ADC
Ground						0.21 A	1.6 ADC

When two numbers are given, the first is the "as Found Value" and the second is the "As Left Value".

Remarks

1) Test results are satisfactory.

Overcurrent Relay Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: Bob Young	**Date:** June 04, 2019
Circuit Designation Rio Hondo Pump Station Feeder Breaker 500 KVA Transformer	
Relay Nameplate Data ABB Type CO-11 HILO Overcurrent Relay	**Ground Relay Nameplate Data** ABB Type IT Instantaneous Overcurrent Relay
Style # 265C047A07	Style # 1351D17A01
Overcurrent Unit: 1 - 12 Amps	Instantaneous Trip: 0.15 - 0.30 Amps
Instantaneous Unit: 6 - 144 A	Indicator: 0.2 - 2 Amps
Indicator: 0.2 - 2 Amps	Instruction Leaflet: 41-771.1
Instruction Leaflet: 41-100	
C.T. Ratio: 250:5	**C.T. Ratio:** 250:5

Relay Settings			
	Tap Amps	**Time Dial**	**Instantaneous**
Phase A	7	1	18 A
Phase B	7	1	18 A
Phase C	7	1	18 A
Ground			

Relay Overcurrent Tests

	Pickup (Amps)	**Time Delay (sec)** 2X	**Time Delay (sec)** 5X	**Time Delay (sec)** 10X	**Time Delay (sec)**	**Instantaneous Pickup (Amps)**	**Target Operation (Amps)**
Phase Relay Curve	7.0 A	1.75 sec.	0.24 sec.	0.096 sec.			0.20 ADC
Phase A	7.4 / 7.0 A	1.74 sec.	0.23 sec.	0.098 sec.		17.5 A	0.17 ADC
Phase B	7.5 / 7.0 A	1.48 sec.	0.24 sec.	0.098 sec.		17.0 A	0.18 ADC
Phase C	7.8 / 7.0 A	1.70 sec.	0.25 sec.	0.095 sec.		17.2 A	0.18 ADC
Ground Relay Curve						0.15 A	2.0 ADC
Ground						0.15 A	1.8 ADC

When two numbers are given, the first is the "as Found Value" and the second is the "As Left Value".

Remarks

1) Test results are satisfactory.

Medium Voltage Vacuum Circuit Breaker Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: B. Young / J. Mejia	**Date:** June 04, 2019
Circuit Designation	
Rio Hondo Pump Station Main Circuit Breaker	
Breaker Nameplate Data	
Westinghouse VCP-W Vacuum Circuit Breaker	
Yr/Serial # 93097637 Style # 3776A11G07 Type: 50VCP-W250	
1200 Amps 4.76 KV BIL: 60 KV 3 Phase 60 Hz.	
Interrupting Time 5 Cycles Capacitor Trip	
Motor Volts: 250 VAC / VDC	

Inspection			
Finger Clusters	Acceptable	**Racking Device**	Dry / Lubricated
Interphase Barriers	Acceptable	**Operating Mechanism**	Remark # 1
Contact Gap	Acceptable	**Tripping Mechanism**	Dry / Lubricated
Contact Wipe	Acceptable	**Lubrication**	Dry / Lubricated
Control Contacts	Acceptable	**Cell Condition**	Dusty / Cleaned
Connections	Acceptable	**Cell Alignment**	Acceptable
Interlocks	Acceptable	**Space Heaters**	N/A

Insulation Resistance @ 5 KV DC						Contact Resistance @ 10 ADC	
Breaker Closed				Breaker Open		Breaker Closed	
A - G		**A - B**		**A**		**Phase A**	Micro-ohms
B - G		**B - C**		**B**		**Phase B**	Micro-ohms
C - G		**A - C**		**C**		**Phase C**	Micro-ohms

Vacuum Bottle Integrity Tests @ 40 KV DC					
Phase A		**Phase B**		**Phase C**	

Remarks
1) The breaker left closing spring was found broken.
2) Counter as found: 00032 Counter as left: 00033

Medium Voltage Vacuum Circuit Breaker Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: B. Young / J. Mejia	**Date:** June 04, 2019
Circuit Designation	
Rio Hondo Pump Station Feeder Circuit Breaker Reclaim Pump No. 1	
Breaker Nameplate Data	
Westinghouse VCP-W Vacuum Circuit Breaker	
Yr/Serial # 93097636 Style # 3776A11G07 Type: 50VCP-W250	
1200 Amps 4.76 KV BIL: 60 KV 3 Phase 60 Hz.	
Interrupting Time 5 Cycles Capacitor Trip	
Motor Volts: 250 VAC / VDC	

Inspection			
Finger Clusters	Acceptable	**Racking Device**	Dry / Lubricated
Interphase Barriers	Acceptable	**Operating Mechanism**	Dry / Lubricated
Contact Gap	Acceptable	**Tripping Mechanism**	Dry / Lubricated
Contact Wipe	Acceptable	**Lubrication**	Dry / Lubricated
Control Contacts	Acceptable	**Cell Condition**	Dusty / Cleaned
Connections	Acceptable	**Cell Alignment**	Acceptable
Interlocks	Acceptable	**Space Heaters**	N/A

Insulation Resistance @ 5 KV DC						Contact Resistance @ 10 ADC	
Breaker Closed				Breaker Open		Breaker Closed	
A - G	207 Giga-ohms	**A - B**	671 Giga-ohms	**A**	566 Giga-ohms	**Phase A**	45 Micro-ohms
B - G	370 Giga-ohms	**B - C**	811 Giga-ohms	**B**	367 Giga-ohms	**Phase B**	46 Micro-ohms
C - G	255 Giga-ohms	**A - C**	480 Giga-ohms	**C**	477 Giga-ohms	**Phase C**	44 Micro-ohms

Vacuum Bottle Integrity Tests @ 40 KV DC					
Phase A	Pass	**Phase B**	Pass	**Phase C**	Pass

Remarks

1) Components in the capacitor trip device were found burnt. Replace the unit immediately.

2) The operating mechanism found to be lacking lubrication. The breaker was thoroughly cleaned, lubricated, and exercised with satisfactory results.

3) Breaker cell interlocks and racking device were cleaned and relubricated.

4) Counter as found: 00080 Counter as left: 00088

5) Test results are satisfactory.

Medium Voltage Vacuum Circuit Breaker Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: B. Young / J. Mejia	**Date:** June 04, 2019
Circuit Designation	
Rio Hondo Pump Station Feeder Circuit Breaker Reclaim Pump No. 2	
Breaker Nameplate Data	
Westinghouse VCP-W Vacuum Circuit Breaker	
Yr/Serial # 93097640 Style # 3776A11G07 Type: 50VCP-W250	
1200 Amps 4.76 KV BIL: 60 KV 3 Phase 60 Hz.	
Interrupting Time 5 Cycles Capacitor Trip	
Motor Volts: 250 VAC / VDC	

Inspection			
Finger Clusters	Acceptable	**Racking Device**	Dry / Lubricated
Interphase Barriers	Acceptable	**Operating Mechanism**	Dry / Lubricated
Contact Gap	Acceptable	**Tripping Mechanism**	Remark # 1
Contact Wipe	Acceptable	**Lubrication**	Dry / Lubricated
Control Contacts	Acceptable	**Cell Condition**	Dusty / Cleaned
Connections	Acceptable	**Cell Alignment**	Acceptable
Interlocks	Acceptable	**Space Heaters**	N/A

Insulation Resistance @ 5 KV DC						Contact Resistance @ 10 ADC	
Breaker Closed				Breaker Open		Breaker Closed	
A - G	108 Giga-ohms	**A - B**	774 Giga-ohms	**A**	865 Giga-ohms	**Phase A**	49 Micro-ohms
B - G	174 Giga-ohms	**B - C**	585 Giga-ohms	**B**	1.30 Tera-ohms	**Phase B**	44 Micro-ohms
C - G	182 Giga-ohms	**A - C**	670 Giga-ohms	**C**	1.12 Tera-ohms	**Phase C**	45 Micro-ohms

Vacuum Bottle Integrity Tests @ 40 KV DC					
Phase A	Pass	**Phase B**	Pass	**Phase C**	Pass

Remarks

1) The breaker status indicating lights were found burnt out and should be replaced. The control switch handle is also missing ad should be replaced.

2) The operating mechanism found to be lacking lubrication. The breaker was thoroughly cleaned, lubricated, and exercised with satisfactory results.

3) Breaker cell interlocks and racking mechanism were cleaned and relubricated.

4) Counter as found: 00051 Counter as left: 00064

5) Test results are satisfactory.

Medium Voltage Vacuum Circuit Breaker Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: B. Young / J. Mejia	**Date:** June 04, 2019
Circuit Designation	
Rio Hondo Pump Station Feeder Circuit Breaker 270 500 KVA / 4160 - 480 VAC	
Breaker Nameplate Data	
Westinghouse VCP-W Vacuum Circuit Breaker	
Yr/Serial # 93097639 Style # 3776A11G07 Type: 50VCP-W250	
1200 Amps 4.76 KV BIL: 60 KV 3 Phase 60 Hz.	
Interrupting Time 5 Cycles Capacitor Trip	
Motor Volts: 250 VAC / VDC	

Inspection			
Finger Clusters	Acceptable	**Racking Device**	Dry / Lubricated
Interphase Barriers	Acceptable	**Operating Mechanism**	Remark # 1
Contact Gap	Acceptable	**Tripping Mechanism**	Remark # 2
Contact Wipe	Acceptable	**Lubrication**	Dry / Lubricated
Control Contacts	Acceptable	**Cell Condition**	Dusty / Cleaned
Connections	Acceptable	**Cell Alignment**	Acceptable
Interlocks	Acceptable	**Space Heaters**	N/A

Insulation Resistance @ 5 KV DC						Contact Resistance @ 10 ADC	
Breaker Closed				Breaker Open		Breaker Closed	
A - G	339 Giga-ohms	**A - B**	936 Giga-ohms	**A**	1.21 Tera-ohms	**Phase A**	46 Micro-ohms
B - G	293 Giga-ohms	**B - C**	815 Giga-ohms	**B**	1.10 Tera-ohms	**Phase B**	49 Micro-ohms
C - G	229 Giga-ohms	**A - C**	970 Giga-ohms	**C**	848 Giga-ohms	**Phase C**	51 Micro-ohms

Vacuum Bottle Integrity Tests @ 40 KV DC					
Phase A	Pass	**Phase B**	Pass	**Phase C**	Pass

Remarks
1) The spring charging motor was found cycling because the charging pawl was not latching the gear. The entire assembly was cleaned, lubricated, and exercised with satisfactory results.
2) The breaker would trip free once the close command was given because the trip shaft and latch were frozen. The mechanism was cleaned and lubricated with satisfactorhy results.
3) The operating mechanism found to be lacking lubrication. The breaker was thoroughly cleaned, lubricated, and exercised with satisfactory results.
4) Breaker cell interlocks and racking device were cleaned and relubricated.
5) Counter as found: 00050 Counter as left: 00065
6) Test results are satisfactory.

Medium Voltage Vacuum Circuit Breaker Test Form

Information and Data	
Client: Hazen and Sawyer	**Job Number:** 5029
Tester: B. Young / J. Mejia	**Date:** June 04, 2019
Circuit Designation	
Rio Hondo Pump Station Feeder Circuit Breaker 500 KVA Transformer	
Breaker Nameplate Data	
Westinghouse VCP-W Vacuum Circuit Breaker	
Yr/Serial # 93097638 Style # 3776A11G07 Type: 50VCP-W250	
1200 Amps 4.76 KV BIL: 60 KV 3 Phase 60 Hz.	
Interr. Time 5 Cycles Capacitor Trip	
Motor Volts: 250 VAC / VDC	

Inspection			
Finger Clusters	Acceptable	**Racking Device**	Dry / Lubricated
Interphase Barriers	Acceptable	**Operating Mechanism**	Dry / Lubricated
Contact Gap	Acceptable	**Tripping Mechanism**	Dry / Lubricated
Contact Wipe	Acceptable	**Lubrication**	Dry / Lubricated
Control Contacts	Acceptable	**Cell Condition**	Dusty / Cleaned
Connections	Acceptable	**Cell Alignment**	Acceptable
Interlocks	Acceptable	**Space Heaters**	N/A

Insulation Resistance @ 5 KV DC						Contact Resistance @ 10 ADC	
Breaker Closed				Breaker Open		Breaker Closed	
A - G	395 Giga-ohms	**A - B**	1.05 Tera-ohms	**A**	793 Giga-ohms	**Phase A**	45 Micro-ohms
B - G	480 Giga-ohms	**B - C**	924 Giga-ohms	**B**	704 Giga-ohms	**Phase B**	48 Micro-ohms
C - G	310 Giga-ohms	**A - C**	873 Giga-ohms	**C**	645 Giga-ohms	**Phase C**	47 Micro-ohms

Vacuum Bottle Integrity Tests @ 40 KV DC					
Phase A	Pass	**Phase B**	Pass	**Phase C**	Pass

Remarks

1) The operating mechanism found to be lacking lubrication. The breaker was thoroughly cleaned, lubricated and exercised with satisfactory results.

2) Breaker cell interlocks and racking device were cleaned and relubricated.

3) Counter as found: 00025 Counter as left: 00033

4) Test results are satisfactory.

POWER SYSTEMS SERVICES, INC.

13409 Benson Avenue
Chino, CA 91710
C-10 License # 710017

Office: (909) 590-2197
FAX: (909) 590-3325
Cell Phone: (951) 453-1634

June 24, 2019

Inframark
6505 Rosemead Blvd
Suite # 107
Pico Rivera, CA 90660

Attn: Mr. Andres Medina
Project Manager

RE: Report for the Troubleshooting at the Rio Hondo Pump Station

PSS Job Number: 5055

Dear Andres,

On June 22, 2019, Power Systems Services visited the Rio Hondo Pump Station in Pico Rivera to investigate the nuisance tripping problem with the 5 KV Main Breaker. There had been reports that the breaker had tripped on three separate occasions over the past two weeks and in each event, the 50GS relay indicator had initiated. Shown below is a summary of our findings.

Main Breaker 50GS Relay

The Main Breaker 50 GS relay is an instantaneous ground relay set at 0.30 Amps. It had previously been tested on June 4, 2019 and the results of those pickup tests revealed a 0.30 A pickup value. The relay was tested again repeatedly on Saturday and the results of those 20 tests yielded similar results. The relay is working satisfactorily.

Switchgear Main Bus

Since the primary purpose of this relay ifs to protect the switchgear main bus in the event of a ground fault condition, we attempted to perform insulation resistance tests on the main bus to verify it's integrity. Unfortunately the SCE metering section is located between the load side of the Main Breaker and the main bus of the switchgear. The potential transformers used for SCE's metering will not allow us to perform the tests. In order to rule out the possibility that the problem may be in the SCE metering section or at the rear of the Main Breaker, SCE needs to unlock their equipment so that it can be inspected.

Feeder Cables

Upon opening the rear of the switchgear we noticed the cables used in Reclaim Pump # 1, Reclaim Pump # 2, and the 500 KVA Transformer are non-shielded cables. An inspection of these cables reveals significant corona damage to the insulation and we are recommending the immediate replacement of the cables with shielded cables.

Transformers

The four liquid filled transformers have no indication of being serviced or tested. Perform maintenance on the four transformers and sample the fluid in the units for general oil analysis and dissolved gas analysis.

Motor RWP-270

The case temperature of the motor was 130°F after the motor had been turned off for five minutes. Have the motor inspected and tested to determine if it is running within the manufacturer's specifications.

Water on the Ground

There are reports and evidence of water on the ground around the switchgear. Verify that water is not seeping under the equipment and condensing inside of the switchgear or dripping in through the roof of the switchgear.

At this time there is no clear, definitive reason why the relay is tripping and repeated testing confirms that the relay is functioning properly. There are however, a number of possibilities which can be ruled out by replacing the cable and performing equipment maintenance.

If you have any questions regarding this report or if we may be of further assistance to you, please call me at the office at (909) 590-2197 or on my cell phone at (951) 453-1634. Thank you for allowing us to provide our services.

Sincerely,

Bob Young
Project Engineer

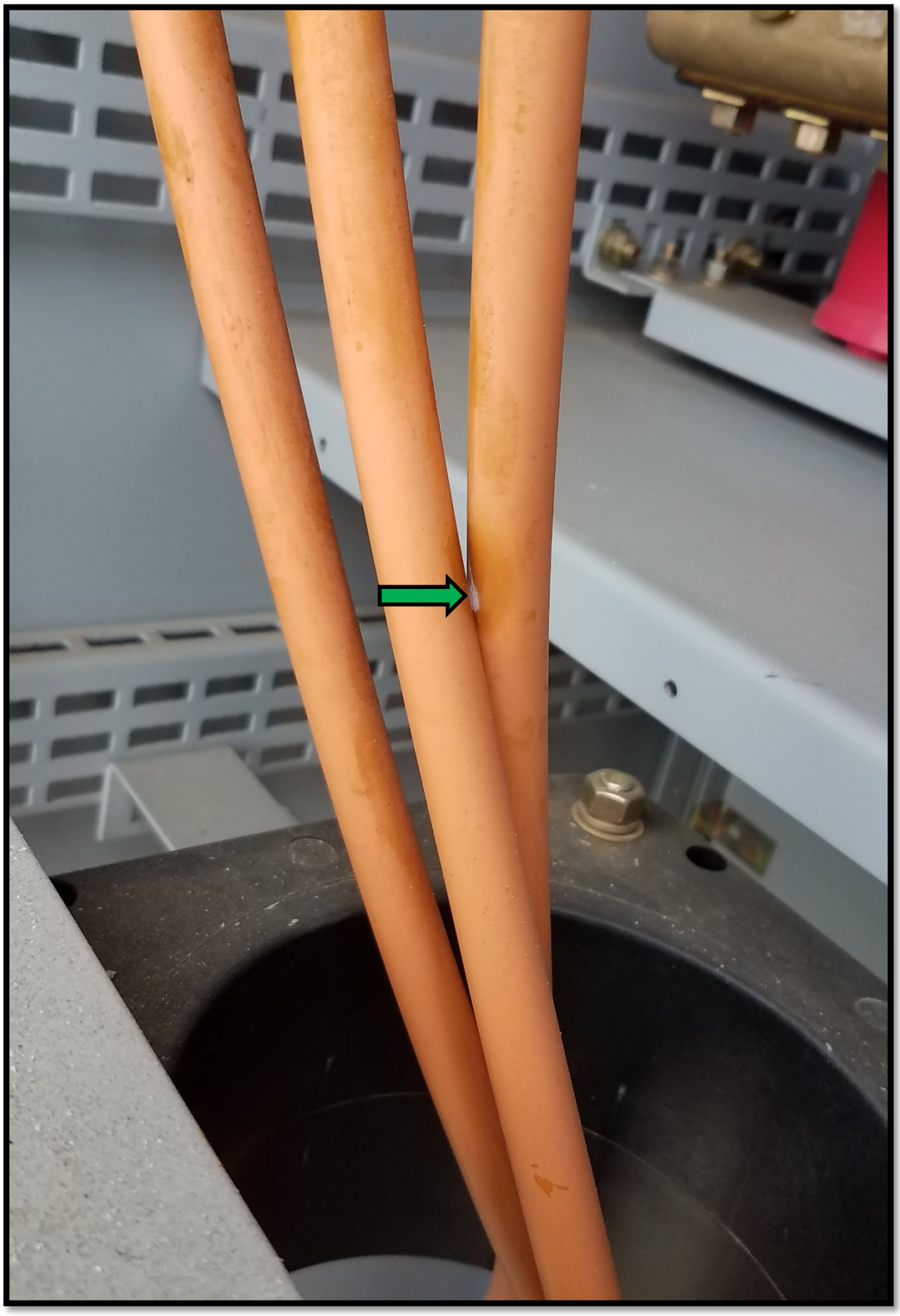


Figure 1: Corona damage to cable due to poor insulation and moisture.

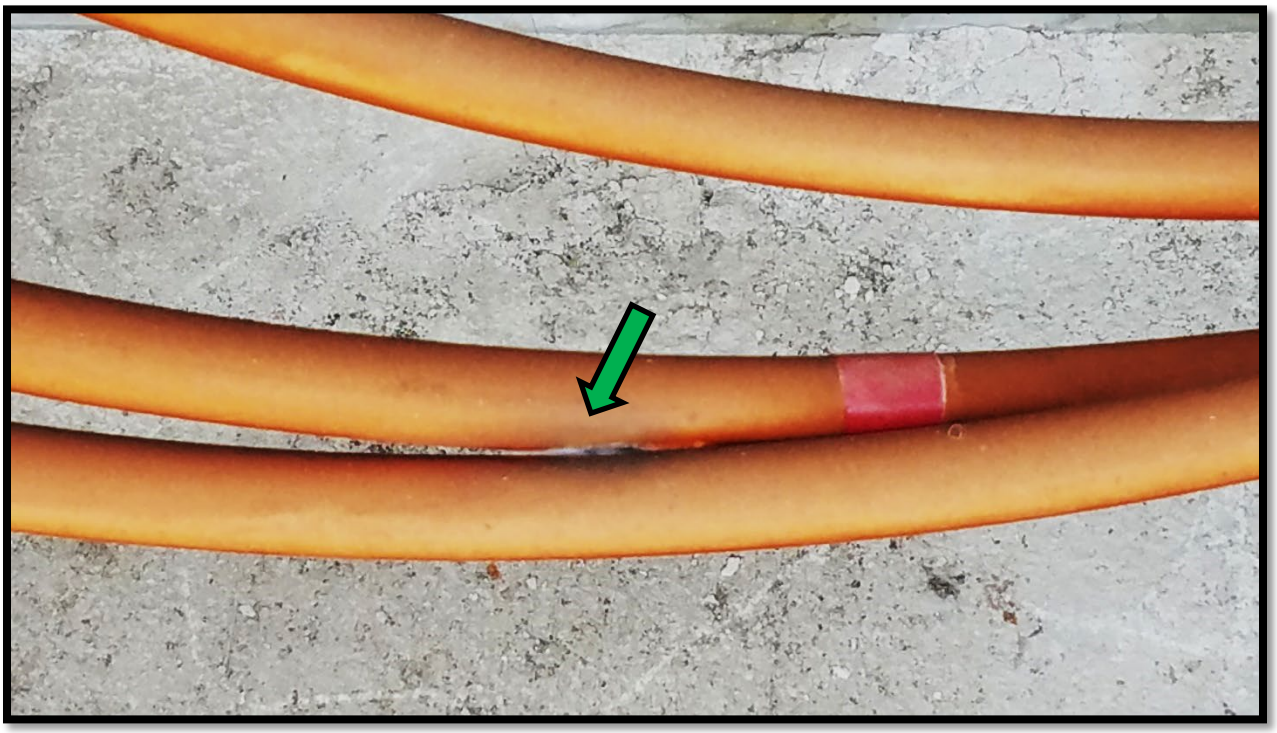


Figure 2: More evidence of corona damage to cable.



Figure 3; Corona damage to cable in transformer enclosure.

POWER SYSTEMS SERVICES, INC.

13409 Benson Avenue
Chino, CA 91710
C-10 License # 710017

Office: (909) 590-2197
FAX: (909) 590-3325
Cell Phone: (951) 453-1634

July 29, 2019

Inframark
6505 Rosemead Blvd
Suite # 107
Pico Rivera, CA 90660

Attn: Mr. Andres Medina
Project Manager

RE: Report for the Rio Hondo Pump Station Main Bus Testing

PSS Job Number: 5069

Dear Andres,

On July 26, 2019 Power Systems Services visited the Rio Hondo Pump Station to test the main bus of the 5 KV switchgear. The Main Breaker as well as the four feeder breakers were opened and SCE removed their PT connections to the bus. Using a calibrated Fluke 1550 Insulation Resistance Test Set the main bus was tested at 10,000 VDC. Shown below are the results of the tests.

Insulation Resistance @ 10 KVDC
Temperature: 74°F, Humidity: 56%

A – Gnd	649 Mega-ohms	A – B	4,310 Mega-ohms
B – Gnd	856 Mega-ohms	B – C	3,990 Mega-ohms
C – Gnd	797 Mega-ohms	A – C	3,810 Mega-ohms

While the results are passable, we did notice that the glastic standoff insulators had a slight moisture sheen on their surface. In addition, there is evidence of corona activity around the base of the insulators.

Looking around the room, we also noticed that there is an air conditioning vent near the front of the Main Breaker Section. While the cool air is beneficial for the variable frequency drives, it is also cooling the exterior of the medium voltage switchgear which allows moisture to condense on the inside of the equipment. We suggest moving the vent to the opposite side of the switchgear and direct the air flow away from the switchgear. Space heat should also be considered to keep moisture from condensing in the switchgear.

Another problem contributing to the nuisance tripping is that the Main Breaker utilizes a sensitive ground (50GS) scheme and an ABB type IT relay as protection for ground faults. This relay has an instantaneous trip only and is very sensitive with a maximum pickup setting of 0.30 A. We are recommending that the relay wiring be changed to a residual scheme (50/51N) and that the IT relay be replaced with one with a time delay to provide better coordination for the protection.

If you have any questions regarding this report or if we may be of further assistance to you, please call me at the office at (909) 590-2197 or on my cell phone at (951) 453-1634. Thank you for allowing us to provide our services.

Sincerely,

Bob Young
Project Engineer



Figure 1: SCE metering section with potential transformers connected.

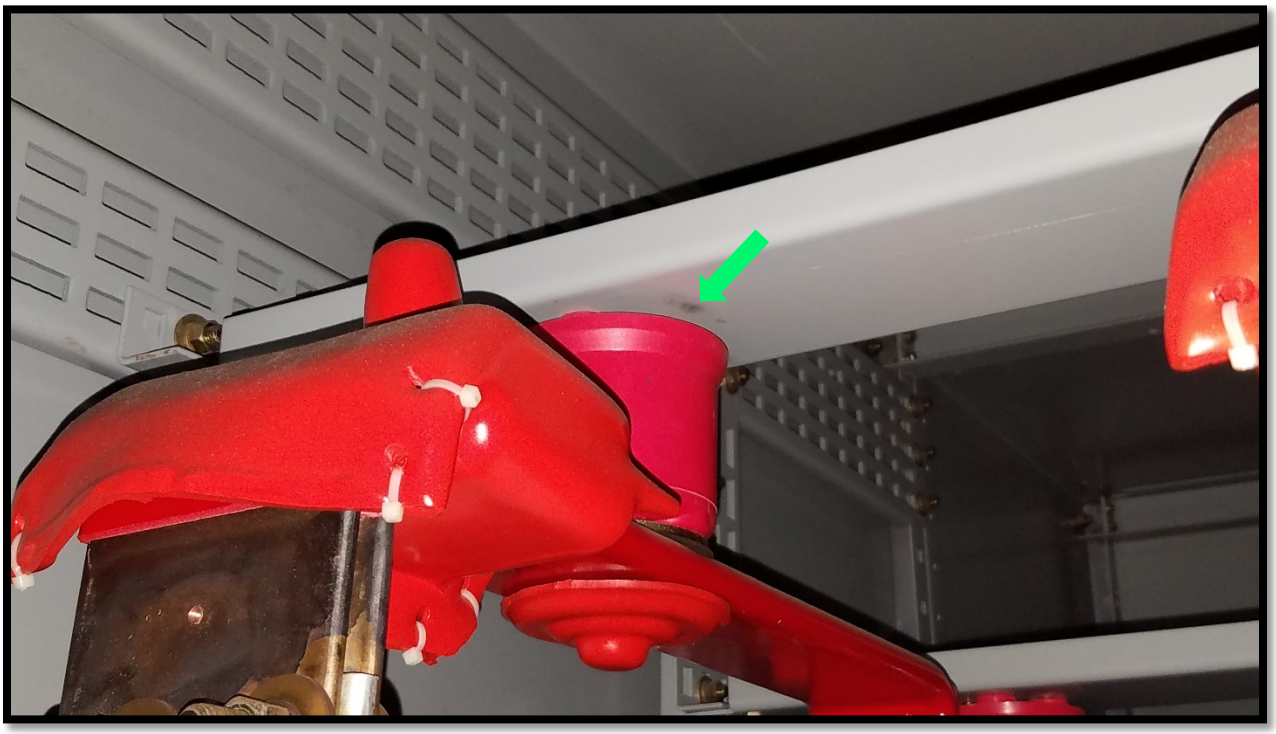


Figure 2; Phase A insulator with evidence of corona activity at the base of the insulator.

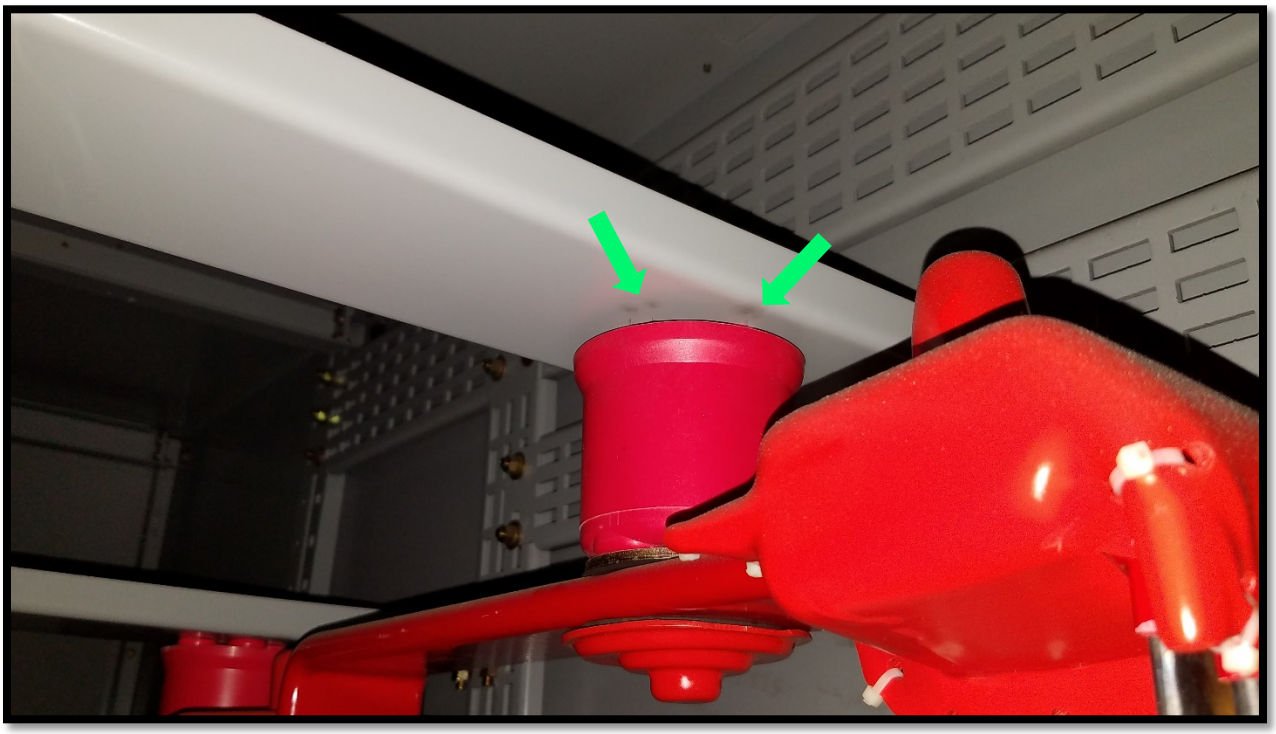


Figure 3: Phase C insulator with evidence of corona activity at the base of the insulator.

Appendix C: Cost Estimate

Hazen

Central Basin Municipal Water District
Rio Hondo Pump Station
Preliminary Design Report

Date: 11/20/2019

#	Description	Probable Project Cost
1	*Package A*	*$1,225,000*
2	*Package B*	*$1,451,000*
3	*Package C*	*$1,226,000*
4	*Package D*	*$1,326,000*
	TOTAL:	**$5,228,000**

		Package A	Package B	Package A-B	Package C	Package D	Package C-D	Total
Probable Construction Cost:		*$ 942,000*	*$ 1,116,000*	*$ 2,058,000*	*$ 943,000*	*$ 1,020,000*	*$ 1,963,000*	*$ 4,021,000*
	Engineering	*$ 94,200*	*$ 111,600*	*$ 205,800*	*$ 94,300*	*$ 102,000*	*$ 196,300*	*$ 402,100*
	Construction Management	*$ 141,300*	*$ 167,400*	*$ 308,700*	*$ 141,450*	*$ 153,000*	*$ 294,450*	*$ 603,150*
	Legal, Admin, Permitting	*$ 47,100*	*$ 55,800*	*$ 102,900*	*$ 47,150*	*$ 51,000*	*$ 98,150*	*$ 201,050*
Probable Project Cost:		***$ 1,225,000***	***$ 1,451,000***	***$ 2,675,000***	***$ 1,226,000***	***$ 1,326,000***	***$ 2,552,000***	***$ 5,227,000***

Hazen

Central Basin Municipal Water District
Rio Hondo Pump Station
Preliminary Design Report
Package A

Date: 11/20/2019

Item	Description		
0	General Conditions (Div01)	*15%*	$ 74,851
1	Replace sodium hypchlorite pump nos 1 and 2		$ 15,380
2	Replace motor and outlet piping assembly for sodium hypochlorite pump no 2		$ 8,015
3	Replace pressure switches for sodium hypochlorite pump nos 1 and 2		$ 1,141
4	Replace VFD for recyceled water pump nos 110 and 120		$ 474,471
		Subtotal:	***$ 573,858***
	Contractor Overhead	*10%*	*$ 57,386*
		Subtotal:	***$ 631,244***
	Construction Profit	*15%*	*$ 94,687*
		Subtotal:	***$ 725,930***
	Escalation	*5%*	*$ 36,297*
		Subtotal:	***$ 762,227***
	Bonding/Insurance	*3%*	*$ 22,867*
		Subtotal:	***$ 785,094***
	Contingency	*20%*	*$ 157,019*
		Probable Construction Cost:	***$ 942,000***

	Engineering	*10%*	*$*	*94,200*
	Construction Management	*15%*	*$*	*141,300*
	Legal, Admin, Permitting	*5%*	*$*	*47,100*
		Probable Project Cost:	***$***	***1,225,000***

Hazen

Central Basin Municipal Water District
Rio Hondo Pump Station
Preliminary Design Report
Package B

Date: 11/20/2019

Item	Description			
0	General Conditions (Div01)	*15%*	$	88,656
1	Replace VFD for recyceled water pump no 270		$	177,248
2	Replace motor for recycled water pump nos 110, 120, 270		$	180,207
3	not used		$	-
4	Replace transformer no 3		$	102,371
5	Replace motor control center		$	97,024
6	Replace power distribution panel DP-1 and associated 30kVA transformer		$	21,523
7	Replace exterior building mounted lighting with energy efficient lighting		$	12,667
		Subtotal:	***$***	***679,696***
	Contractor Overhead	*10%*	*$*	*67,970*
		Subtotal:	***$***	***747,666***
	Construction Profit	*15%*	*$*	*112,150*
		Subtotal:	***$***	***859,816***
	Escalation	*5%*	*$*	*42,991*
		Subtotal:	***$***	***902,807***
	Bonding/Insurance	*3%*	*$*	*27,084*
		Subtotal:	***$***	***929,891***
	Contingency	*20%*	*$*	*185,978*
		Probable Construction Cost:	***$***	***1,116,000***
	Engineering	*10%*	*$*	*111,600*
	Construction Management	*15%*	*$*	*167,400*
	Legal, Admin, Permitting	*5%*	*$*	*55,800*
		Probable Project Cost:	***$***	***1,451,000***

Hazen

Central Basin Municipal Water District
Rio Hondo Pump Station
Preliminary Design Report
Package C

Date: 11/20/2019

Item	Description		
0	General Conditions (Div01) *15%*	$	70,556
1	Replace check valves for recycled water pump no 130 and procure one spare to suit 110 and 120	$	92,094
2	Replace combination air valve and pressure indicator for recycled water pump nos 110, 120, 130	$	20,576
3	Replace control panel no 2	$	197,970
4	Install magnetic flow meter	$	46,761
5	HVAC Improvements	$	51,232
6	Install pump room ventilation	$	13,359
7	Install reciculation line flow meter	$	11,674
8	Install submersible sump pump	$	4,434
9	Install air compressor and air receive tank	$	10,673
10	Install pressure transmitter (combined with pressure switch high)	$	6,048
11	Intall level transmitter no 2	$	4,030
12	Install wet well level transmitter and high and low switches	$	8,513
13	Install discharge valve for recycled water	$	1,606
14	Install reservoir feed pump pressure indicator	$	765
15	Install potable water pressure indicator	$	638
	Subtotal:	***$***	***540,930***

	Contractor Overhead	*10%*	*$*	*54,093*
		Subtotal:	***$***	***595,022***
	Construction Profit	*15%*	*$*	*89,253*
		Subtotal:	***$***	***684,276***
	Escalation	*12%*	*$*	*78,692*
		Subtotal:	***$***	***762,968***
	Bonding/Insurance	*3%*	*$*	*22,889*
		Subtotal:	***$***	***785,857***
	Contingency	*20%*	*$*	*157,171*
		Probable Construction Cost:	***$***	***943,000***
	Engineering	*10%*	*$*	*94,300*
	Construction Management	*15%*	*$*	*141,450*
	Legal, Admin, Permitting	*5%*	*$*	*47,150*
		Probable Project Cost:	***$***	***1,226,000***

Hazen

Central Basin Municipal Water District
Rio Hondo Pump Station
Preliminary Design Report
Package D

Date: 11/20/2019

Item	Description		
0	General Conditions (Div01)	*15%*	$ 76,310
1	Replace transformer nos 1 and 2		$ 207,798
2	Replace neutral grounding resistors for recycled water pump nos 110 and 120		$ 52,958
3	Replace recycled water pump no 130 VFD		$ 79,995
4	Replace recycled water pump no 130 pump and motor		$ 167,984
		Subtotal:	***$ 585,045***
	Contractor Overhead	*10%*	*$ 58,504*
		Subtotal:	***$ 643,549***
	Construction Profit	*15%*	*$ 96,532*
		Subtotal:	***$ 740,082***
	Escalation	*12%*	*$ 85,109*
		Subtotal:	***$ 825,191***
	Bonding/Insurance	*3%*	*$ 24,756*
		Subtotal:	***$ 849,947***
	Contingency	*20%*	*$ 169,989*
		Probable Construction Cost:	***$ 1,020,000***

	Engineering	*10%*	*$ 102,000*
	Construction Management	*15%*	*$ 153,000*
	Legal, Admin, Permitting	*5%*	*$ 51,000*
	Probable Project Cost:		***$ 1,326,000***

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL– EXISTING LITIGATION (Paragraph (1) of subdivision (d) of Section 54956.9), Leticia Vasquez-Wilson v. Central Basin Municipal Water District, et al.(Case No. 22STCV19770)

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL—EXISTING LITIGATION
(Paragraph (1) of subdivision (d) of Section 54956.9)
Kevin Hunt v. Central Basin Municipal Water District (Case No. 20STCV0512)

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

CLOSED SESSION

Report Out of Closed Session

Central Basin Municipal Water District

NOVEMBER 27, 2023 - Board of Directors
Submitted By: Elizabeth Brizuela

PROCEDURAL

Adjourn Regular Board Meeting of November 27, 2023