



The City of

SAN DIEGO

Project Labor Agreement – Pure Water Program Phase 1
Quarterly Progress Report through June 30, 2025

North City Pure Water Pipeline

A Message from the PLA Coordinator

National Apprenticeship Day



ERIK STAPLES

PROJECT LABOR COORDINATOR

EXECUTIVE DEPARTMENT STATE OF CALIFORNIA

PROCLAMATION

National Apprenticeship Day is a nationwide celebration recognizing apprenticeships as a vital career pathway that is key to the prosperity and vitality of our state. We are proud to be a national leader in growing the number and type of apprenticeships, enabling more Californians to pursue rewarding careers while strengthening our economy.

Apprenticeships are integral to California's Master Plan for Career Education, a pragmatic strategy for career readiness that prioritizes hands-on learning and real-life skills in career education. Working in coordination with the California Jobs First Economic Blueprint, the Master Plan takes a bottom-up approach to workforce and economic development that is responsive to the emerging needs of the economy and specific to sectors, regions, and individuals' skills and experience.

The state has made historic efforts to increase access to apprenticeships across industries, proudly supporting 91,493 active registered apprentices. We are invested in initiatives to sustain and scale registered apprentice programs, through initiatives like Apprenticeship Innovation Funding, which has made \$52 million available in its third round of funding to reimburse the program and training costs for growing apprenticeship programs.

All Californians deserve the opportunity to gain the skills that build a lasting career. Through the California Opportunity Youth Apprenticeship Grant program, the state is committing an additional \$16 million to expand access to pre-apprenticeship and apprenticeship opportunities for young people. This investment, together with the Equal Representation in Construction Apprenticeship Grant, is expanding pathways into the construction industry and helping ensure that California's skilled workforce reflects California's communities.

Apprentices offer an impactful alternative to traditional education paths that benefit employers as well as workers by filling skill gaps in critical areas and helping businesses grow. Supporting the next generation of skilled workers is how we have built the fourth-largest economy in the world – and a workforce that is the envy of the world.

NOW THEREFORE I, GAVIN NEWSOM, Governor of the State of California, do hereby proclaim April 30, 2025 as "Apprenticeship Day."

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 30th day of April 2025.


GAVIN NEWSOM,
Governor of California

ATTEST:

SHIRLEY N. WEBER, Ph.D.
Secretary of State

California Governor Gavin Newsom issued a proclamation declaring April 30, 2025, National Apprenticeship Day.

Apprenticeships offer a perfect alternative to traditional education by helping individuals avoid student debt while gaining valuable, hands-on experience and in-demand skills that lead directly to meaningful career opportunities.

Our Pure Water projects are proud to support the next generation of skilled workers by actively incorporating apprenticeships in our projects. Through this reporting period, over 1,290 apprentices have worked over 500,000 hours on Pure Water Phase 1 projects, earning more than \$17,800,000 in wages and benefits. Of that amount, over 350 were First Period Apprentices who worked over 100,000 hours on Pure Water projects, earning more than \$2,700,000 in wages and benefits. These numbers represent a brand-new workforce beginning their careers and taking their first steps into the skilled trades on our Pure Water projects.

Our Pure Water program remains committed to further fostering the growth of these apprentices by providing invaluable on-the-job training, allowing apprentices to gain hands-on experience, and directly applying their learning in a real-world setting. By working alongside seasoned journeymen, apprentices on our projects can significantly further their skill sets, contributing to the successful delivery of Pure Water initiatives while building a strong foundation for their future careers.



Apprenticeship
Readiness Program
touring the
North City Pure Water Facility &
Pump Station project
on May 5, 2025 .



Our Projects

City of San Diego Pure Water Phase 1

As the second quarter concludes, the **North City Pure Water Facility and Pump Station** project is over 80% cost complete, with 988 of 1,312 workdays expended.

Shimmick's ongoing efforts focus on the ozone facility, biological activated carbon filters, process area, chemical facility, and administration building. Site work is progressing, including the installation of the perimeter fence, flatwork, curb and gutter, fiber optic lines, yard piping, and duct banks. Above-grade mechanical and electrical installations remain the primary focus of ongoing construction efforts.

Additionally, Areas 111 and 180 are undergoing system installation verification, energization preparation, and pipe labeling in anticipation of commissioning. To date, Shimmick has completed approximately 99% of structural concrete, 92% of mechanical, 94% of civil, 90% of electrical work, and 96% of project procurement.



North City Pure Water Facility and Pump Station

Prime Contractor: Shimmick Construction, Inc.

Project Value: \$394,848,415

Project Start Date: April 2021



Significant advancements were achieved at the **Morena Pump Station** during the second quarter, with key developments observed across the pump station structure and site, the electrical building, and the screening facility.

Within the pump station structure, construction of the upper-level walls and roof have been completed, and the pump and equipment pads have been poured. The internal cranes have been successfully installed and load-tested, and the surrounding area has been backfilled. For the electrical building, the foundation and block walls are now complete, marking a substantial milestone. Additionally, at the screening facility, permanent struts have been installed, the facility has been backfilled, and block wall construction has commenced.

The hydromodification tank has been installed, electrical conduit trenches have been completed and backfilled, and the south perimeter wall footing has been placed.

Morena Pump Station

Prime Contractor: FlatironDragados

Project Value: \$142,066,252

Project Start Date: June 2021

Our Projects

City of San Diego Pure Water Phase 1

As of the close of the second quarter, the **Morena Conveyance Northern Alignment** project is 85% complete. This project remains in active development, with ongoing efforts from multiple construction crews and subcontractors.

Substantial progress has been achieved in the pipeline installation along Genesee Avenue, specifically from Decoro Street to Nobel Drive, where much of the work is now complete.

Further construction activity is actively progressing on Genesee Avenue beneath State Route 52. Pipeline installation is anticipated to commence shortly and will extend through the intersection of Genesee Avenue and Nobel Drive.

Construction at the Interstate Highway 805 tunnel has progressed to 780 linear feet of tunneling successfully completed. As of the end of June, the project has approximately installed a total of 31,300 linear feet of pipe, comprising 15,565 linear feet of 48-inch pipe and 15,734 linear feet of 30-inch pipe. Furthermore, both the North and South shafts located in Rose Canyon have been completed.



Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$113,282,546

Project Start Date: July 2021



By the end of the second quarter, the **North City Pure Water Pipeline** project is approximately 76% complete. W.A. Rasic (WAR) finished the connection from Business Park Avenue to Carroll Canyon Road and completed backfilling of the Interstate Highway 15 tunnel crossing.

Significant progress was also made on the Dechlorination Building, with the roof, floor slab, equipment pads, and exterior retaining walls now finalized. Additionally, annular grouting, vertical piping, and backfilling were completed for the Via Pasar tunnel crossing.

While pipe installation is complete at the BNSF Tunnel crossing, remaining tasks include annular grouting, vertical piping, and backfilling. Ongoing work involves the buildout of the Access Structure at Miramar Reservoir. WAR has also completed over half of the pipeline installation on Eastgate Mall and is nearing the Pure Water Facility.

North City Pure Water Pipeline

Prime Contractor: W.A. Rasic

Construction Project Value: \$133,557,311

Project Start Date: July 2021

Our Projects

City of San Diego Pure Water Phase 1

Kiewit achieved substantial progress on the **North City Water Reclamation Plant Expansion and Influent Pump Station** project during the second quarter, reaching approximately 77% completion.

A significant milestone was the final concrete deck placement on the Second Stage Bioreactor, marking the project's last major concrete pour. With concrete work largely complete, the focus has shifted to accelerating mechanical and electrical installations. Mechanical teams are actively installing piping and process equipment throughout all major facilities, coordinating shutdowns to integrate new components with the existing plant infrastructure.

Progress in the new electrical rooms is advancing as scheduled, with all major gear installed and termination work underway.



North City Water Reclamation Plant Expansion and Influent Pump Station

Prime Contractor: Kiewit Infrastructure West Co.

Project Value: \$280,777,232

Project Start Date: August 2021



Substantial progress occurred at the **Metropolitan Biosolids Center** during the second quarter of 2025. The sludge and polymer feed pumps associated with dewatering centrifuge 7, have been completed by PCL Construction. In addition, the sludge and polymer feed pumps associated with dewatering centrifuge 5 are at 90% completion, pending final construction and commissioning. A significant milestone was achieved with the full construction and commissioning of all thickening centrifuges, including the final unit, 76-TC-01. This encompasses all associated pumps, variable frequency drives, valves, and instrumentation for the five thickening units. The project is now progressing through the closeout phase for these completed systems.

Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$46,185,665

Project Start Date: September 2021



Our Projects

City of San Diego Pure Water Phase 1

During the second quarter, the **North City Water Reclamation Plant Flow Equalization Basin** project continued to advance steadily. Kiewit successfully completed the leak tightness test of the basin. Concurrently, crews advanced installation of external and subterranean electrical and piping infrastructure.

Next steps include the replacement of electrical gears, the commencement of interior mechanical work, and the application of the tank's architectural exterior.

North City Water Reclamation Plant Flow Equalization Basin

Prime Contractor: Kiewit Infrastructure West Co.

Project Value: \$12,327,637

Project Start Date: January 2022

The **Morena Conveyance South & Middle Bike Lanes** project has reached a significant milestone, achieving 75% completion.

Currently, Sukut's operations are active at four separate locations along the seven-mile alignment. Current construction activities include the mainline pipe installation on Morena Boulevard, within the Bay Park neighborhood, and on Clairemont Mesa Drive. Concurrently, a specialized crew is focused on installing essential pressure-reducing vaults at Custer Street.

In addition to the ongoing pipeline work, a section of the roadway along Clairemont Drive, from Erie Street to Ute Drive, has been successfully repaved and striped to its final configuration. This progress marks a notable step in the ongoing restoration of this community. Further restoration work for the project is scheduled for the third quarter of 2025.



Morena Conveyance South & Middle and Morena Conveyance Bike Lanes

Prime Contractor: Sukut Construction

Construction Project Value: \$134,905,087

Project Start Date: October 2022

Our Projects

City of San Diego Pure Water Phase 1

The **Miramar Reservoir Pump Station** project achieved over 90% cost completion by the end of the second quarter.

Significant progress at the Pump Station included the successful refurbishment and reinstallation of the two remaining vertical turbine pumps and the complete installation of the new switchgear. Final energization of the new switchgear and generator is pending the installation of an upsized transformer by SDG&E.

Miramar Reservoir Pump Station Improvements

Prime Contractor: Shimmick Construction, Inc.

Construction Project Value: \$13,399,143

Project Start Date: December 2022



During the second quarter, the **Pure Water Central Area Small Scale Facility (CASSF)** project achieved significant progress. Filanc successfully installed the mechanical skids, completed the majority of the electrical wiring, and finished a substantial portion of the electrical terminations.

Filanc is currently focused on installing and testing chemical tubing. The project is now transitioning into site work improvements and commissioning phases.

Central Area Small-Scale Facility

Prime Contractor: Filanc Construction

Construction Project Value: \$38,431,331

Project Start Date: September 2023

Our Projects

City of San Diego Pure Water Phase 1



Penasquitos Pump Station Oxygenation System

Prime Contractor: Blue Pacific Engineering

Construction Project Value: \$4,391,767

Project Start Date: February 2023

At the **Penasquitos Pump Station (PQPS) Oxygenation System** project, construction of the equipment pads is complete. Installation of critical equipment is currently on hold pending approval of seismic anchorage calculations.

Progress on the electrical infrastructure continues with the ongoing installation of conduit and panels. Concurrently, fabrication of the necessary piping awaits final authorization of the submitted specifications.

Our People

WHERE ARE THEY NOW?



Jose Luis Garcia

Laborer 4th Period Apprentice

United States Army Veteran

We're excited to share an update on Jose, an apprentice who was sponsored onto our Pure Water project. Thanks to the dedication and hands-on training he received, Jose has made tremendous progress in developing his craft and skill sets, helping to advance his career.

Jose Luis Garcia, a U.S. Army Veteran, is currently a fourth-period laborer apprentice on the Metropolitan Biosolids Center Improvements project. PCL Construction sponsored Jose as a first-period apprentice in March 2023. With over two years of field experience, Jose says that one of the most valuable lessons learned as an apprentice is the importance of completing tasks correctly the first time around. When asked about his on-the-job training, Jose emphasized how much he has learned about piping systems. He specifically credited PCL Superintendent Justin for sharing his expertise in pipe preparation, layout, and installation. Jose's long-term goal is to ultimately achieve a leadership position such as a foreman or a superintendent within the industry. When asked about a time in which he felt most accomplished on the job, he shared, **"I think installing the PC2. It's a bunch of pumps working together to work on one centrifuge. I got to do the layout, and everything worked out 100%. No mistakes."**



VETERANS WORKING ON PURE WATER

145

Total veteran craft workers hired across all PLA covered Pure Water Phase 1 Projects

4%

Percentage of total craft hours worked by veterans across all PLA covered Pure Water Phase 1 Projects

122,178

Total veteran craft hours worked across all PLA covered Pure Water Phase 1 Projects

STUDENTS ON SITE

Apprenticeship Readiness Program (ARP)



On May 5, 2025, students from the San Diego Community College Apprenticeship Readiness Program toured the North City Pure Water Facility and Pump Station. This tour, organized in collaboration with the Pure Water PLA team, provided students with an opportunity to observe the construction of a large-scale water purification plant, witness various construction trades in action, and gain an understanding of the water purification process. **Special thanks are extended to Construction Managers Richard Burdette, Jeff Soriano, and Mario Morcos for facilitating this experience and helping make this possible.**



Our Partners

Apprenticeship Readiness Programs

Apprenticeship Readiness Program Graduations Congratulations Students!



Vista Adult School

Vista Adult School

May 8, 2025



San Diego Community
College

May 9, 2025



Southwestern Community
College

May 28, 2025



Electrical Training Institute Apprenticeship Tour

City of San Diego PLA Coordination Team



Thank you to the Electrical Training Institute for giving the Pure Water PLA Coordination Team a tour of your facility and helping us learn more about the program!



Western State Carpenters Apprenticeship Tour

City of San Diego PLA Coordination Team



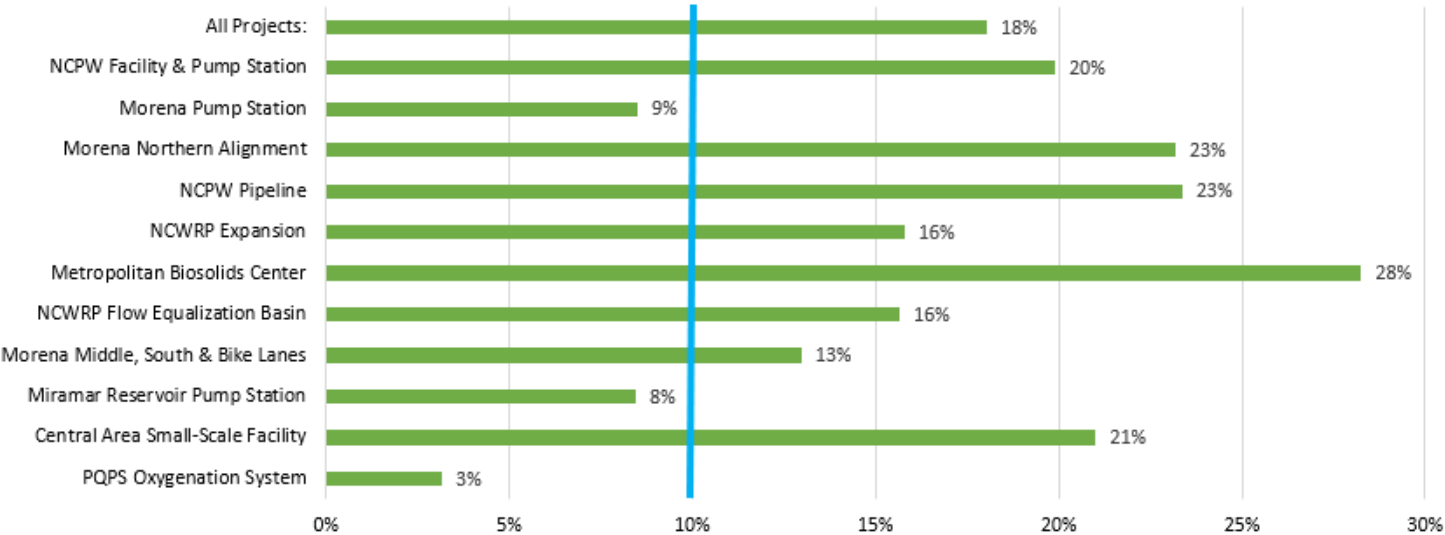
Thank you to the Western States Carpenters Apprenticeship for giving the Pure Water PLA Coordination Team a tour of your facility and helping us learn more about the program!



Targeted Worker Hiring

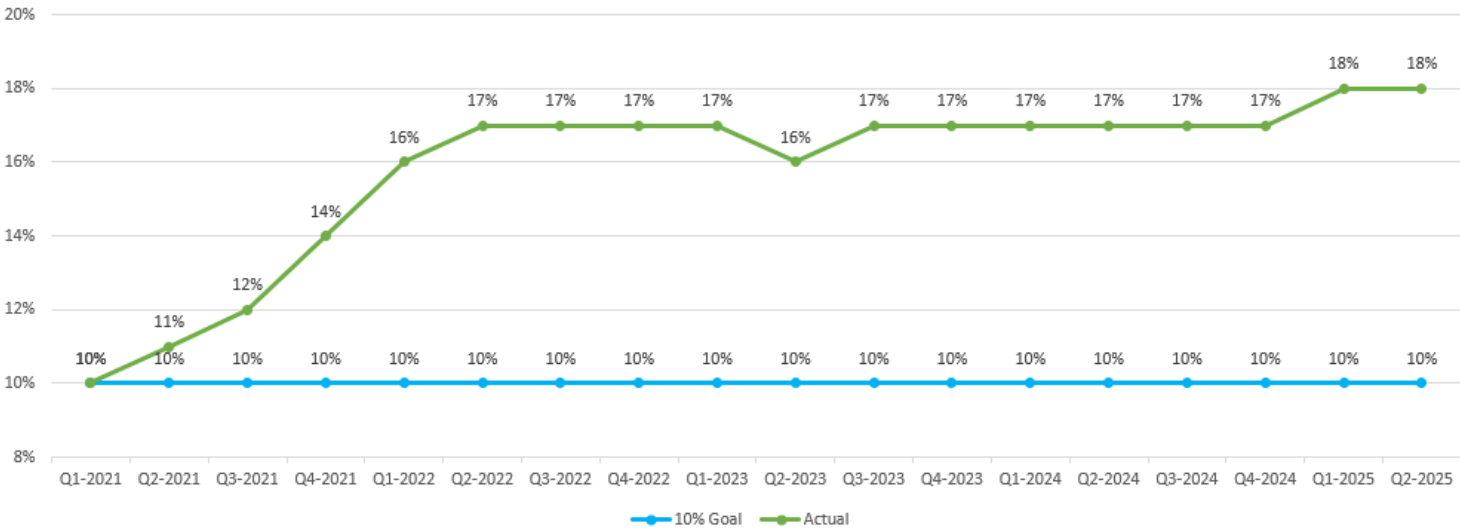
The PLA establishes a goal that at least 10% of the total construction craft hours worked on each project be performed by Targeted Workers. The City of San Diego's Pure Water Phase 1 Program has exceeded the 10% goal with 18% of all craft workers being performed by Targeted Workers.

Pure Water Targeted Goal 10%



“Targeted Worker” means any individual qualifying for one (1) or more of the following Targeted Worker categories: (a) is a Veteran, or is the eligible spouse of a Veteran of the United States Armed Forces, under Section 2(a) of the Jobs for Veterans Act (38 United States Code [U.S.C.] 4215[a]); (b) at initial time of employment on a Covered Project, is an Apprentice with less than ten (10) percent of the work hours required for graduation to become a Journey person; (c) has no high school diploma or general education diploma (GED); (d) is homeless or has been homeless within the last year; (e) is a former foster youth; (f) is a custodial single parent; (g) is experiencing protracted unemployment (receiving unemployment benefits for at least three [3] months); (h) is a current recipient of government cash or food assistance benefits; (i) has a documented income at or below 100 percent of the Federal Poverty Level; and/or (j) is formerly incarcerated with a history of involvement with the criminal justice system.”

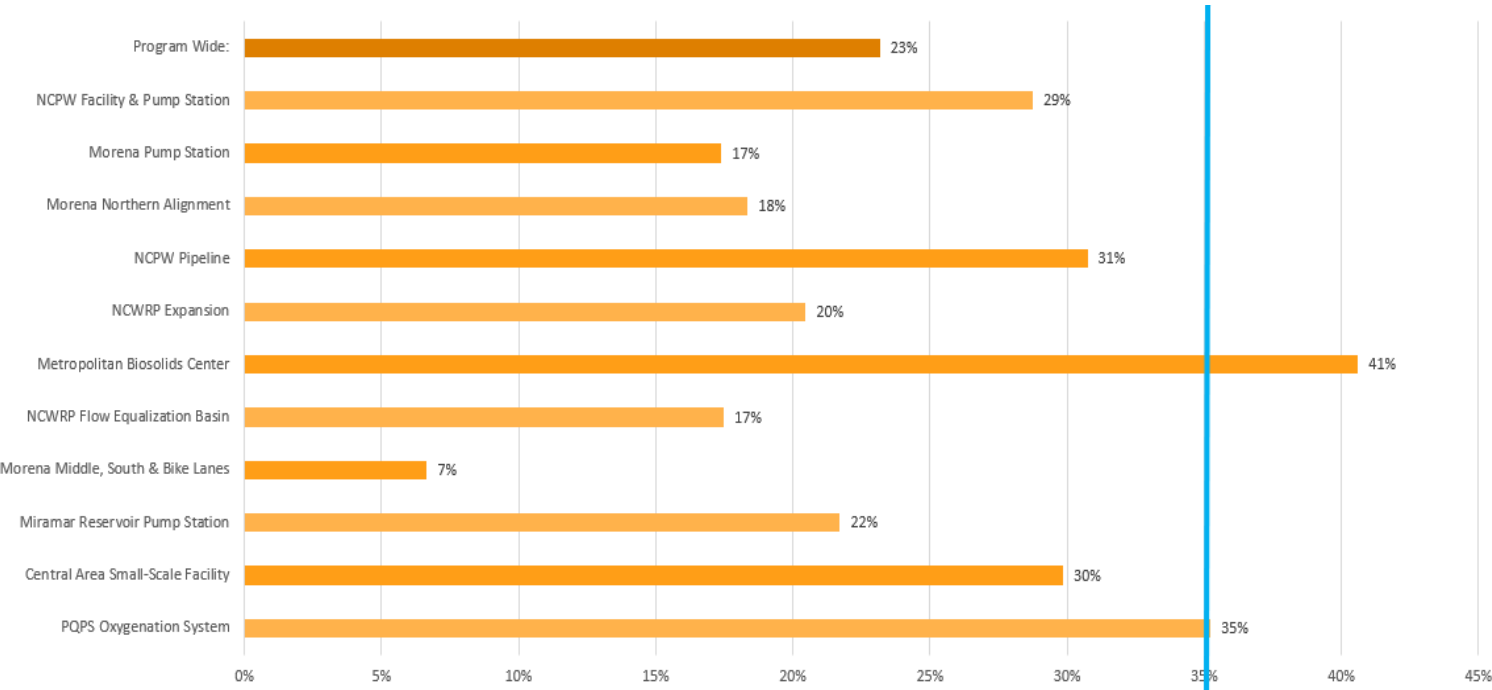
Pure Water Program Wide Targeted Worker Hire Trend Chart



City Resident Worker Hiring

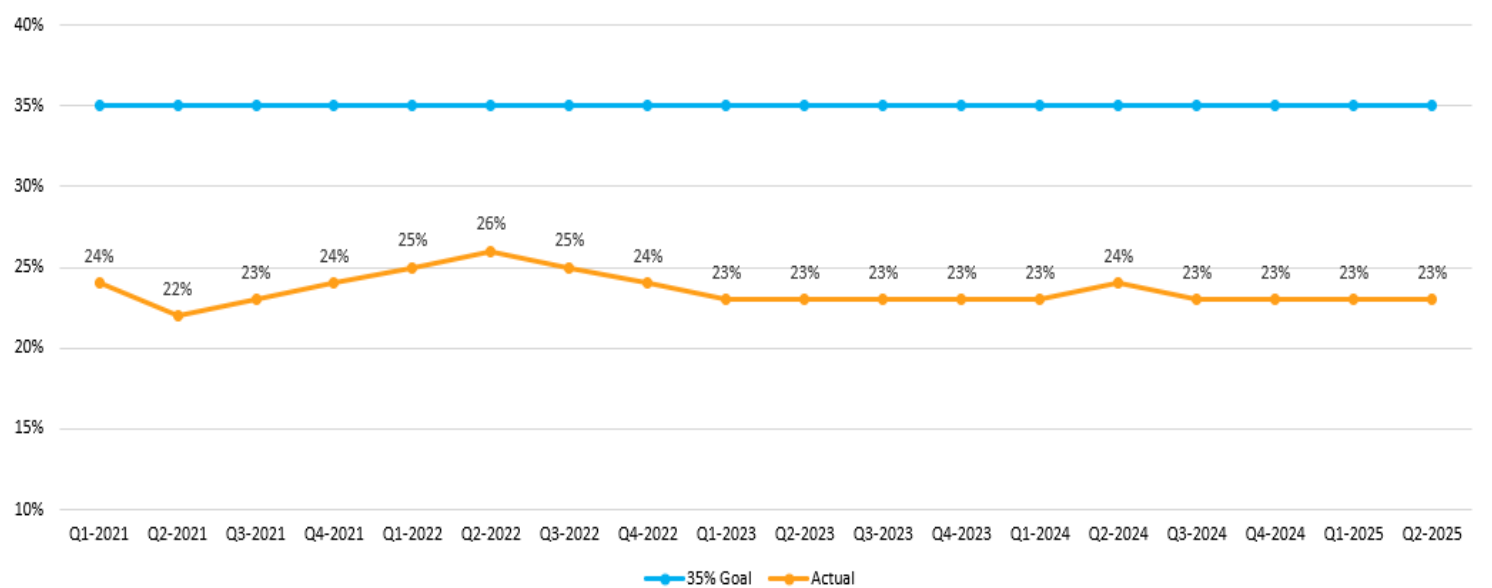
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents. To date 23% of the construction craft hours worked on the Pure Water Phase 1 program are by City Residents.

Pure Water City Resident Goal 35%



City Residents is defined as a City of San Diego permanent resident at the time of initial employment on a Covered Project or a Veteran residing anywhere.

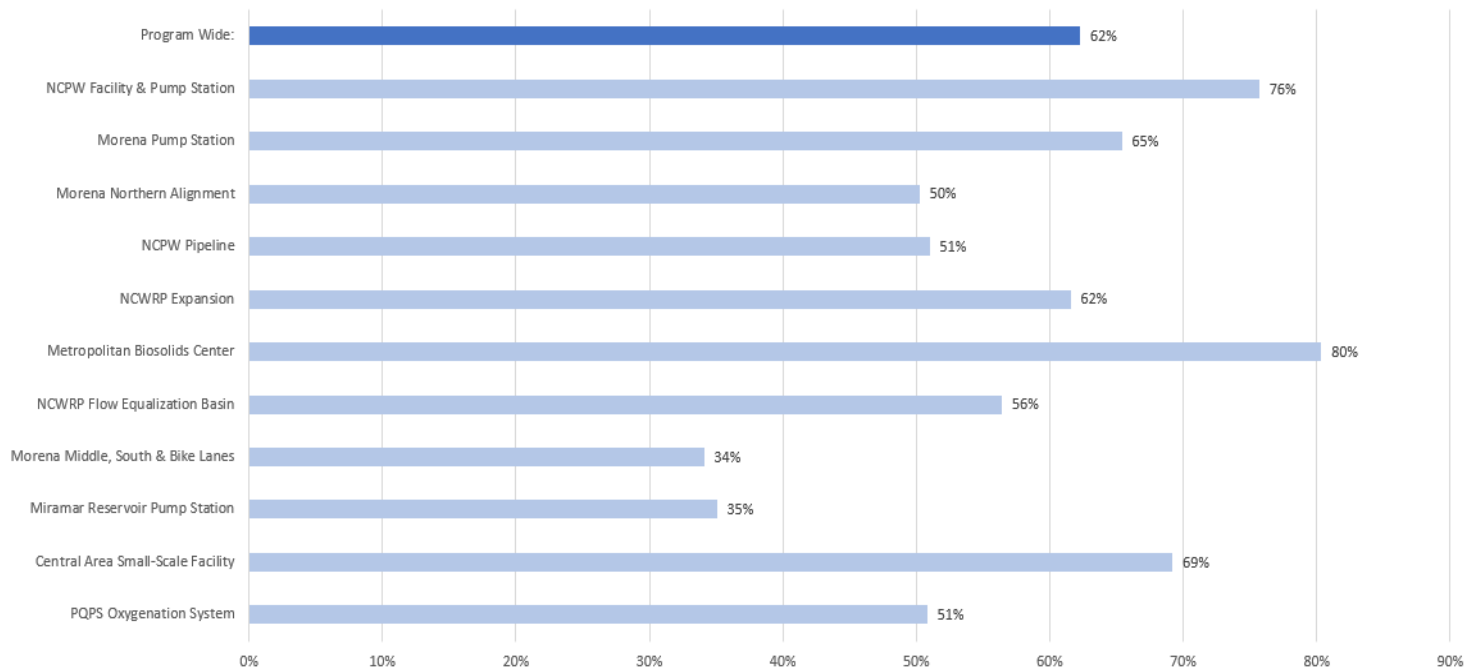
Pure Water Program Wide City Resident Hire Trend Chart



County Resident Worker Hiring

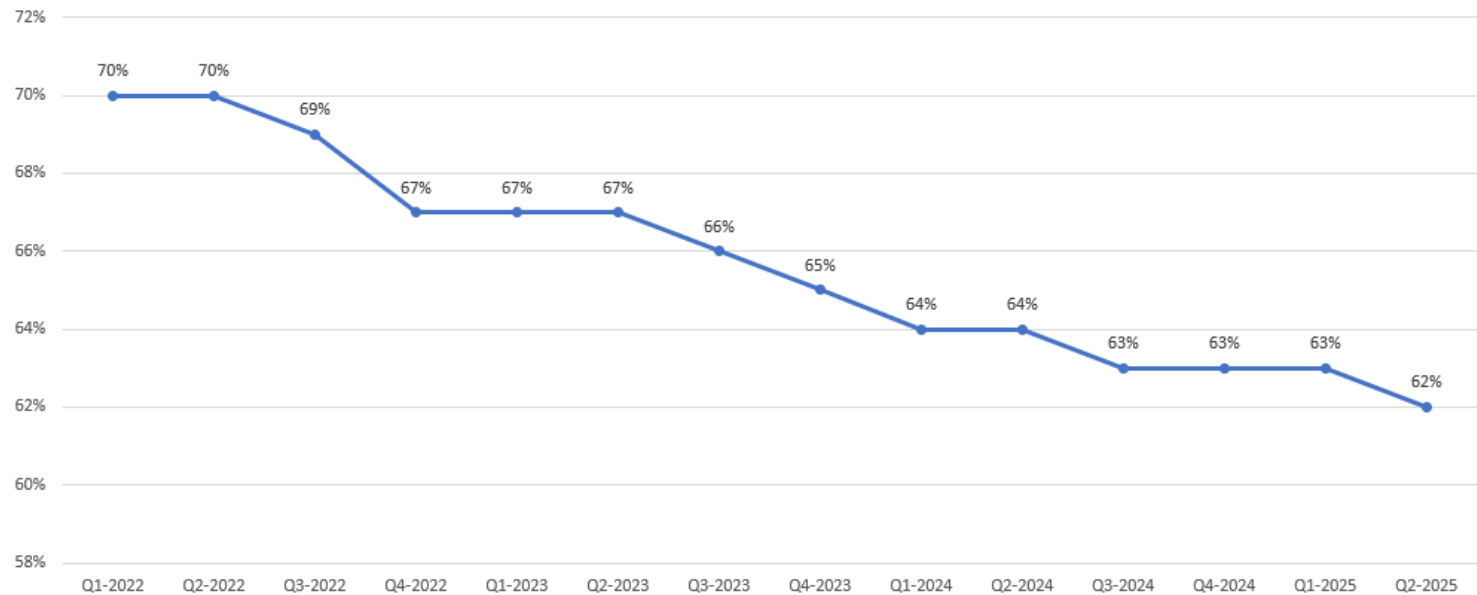
The PLA does not establish a goal of total construction craft hours worked on each project to be performed by County Residents. To date 63% of the construction craft hours worked on the Pure Water Phase 1 program are by County Residents.

Pure Water County Resident



County Residents are defined as a County of San Diego permanent resident at the time of initial employment on a Covered Project or a Veteran residing anywhere.

Pure Water Program Wide County Resident Hire Trend Chart



\$126,495,653

County Worker Wages and Benefits
County Workers received approximately \$126 million in wages and benefits and worked 1,740,442 hours on Pure Water Phase 1 PLA covered projects.

\$45,723,658

City Resident Wages and Benefits
City Residents received approximately \$45 million in wages and benefits and worked 647,652 hours on Pure Water Phase 1 PLA covered projects.

\$32,717,452

Targeted Worker Wages and Benefits
Targeted Workers received approximately \$32 million in wages and benefits and worked 504,186 hours on Pure Water Phase 1 PLA covered projects.



County Residents

employed on Pure Water Phase 1 PLA covered projects

3,989



City Residents

employed on Pure Water Phase 1 PLA covered projects

1,488



Targeted Workers

employed on Pure Water Phase 1 PLA covered projects

794

Apprentice Utilization

Pure Water Phase 1 PLA encourages unions and contractors to cooperate in referring and employing apprentices up to the maximum percentage allowed by the California State Labor Code and the standards of each state-approved apprenticeship program.

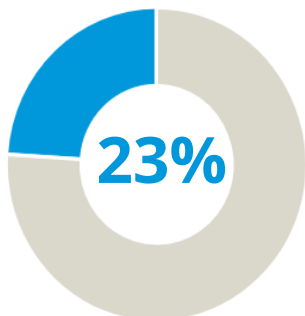
Contractors shall be in compliance with California State Labor Code Section 1777.5 (g) apprenticeship requirements which state the minimum apprentice ratio shall be one hour of apprentice work for every five hours of journeyman work (20%).

436

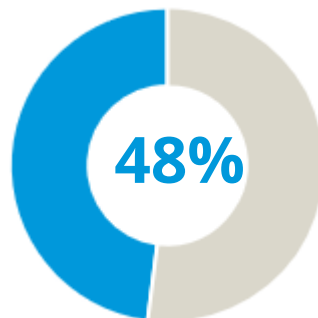
City Residents were employed as apprentices on Pure Water Phase 1 PLA covered projects

451

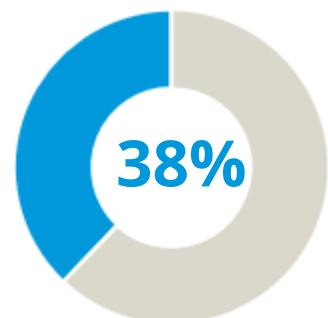
Targeted Workers were employed as apprentices on Pure Water Phase 1 PLA covered projects



23% of all
program hours
worked were
Apprentice hours



48% of all
apprenticeship hours
were worked by
Targeted Workers



38% of all
apprenticeship hours
were worked by
City Residents

Pre-Job Conferences

All contractors regardless of tier are required to conduct a pre-job conference with the unions. If work that was not previously assigned at a pre-job conference, or additional work is added to the scope, the contractor(s) performing such work will conduct a separate pre-job conference. The purpose of the conference is to, among other things, convey craft manpower needs, the schedule of work for the project, determine project rules, and propose preliminary work assignments.

The Project Labor Coordination Team, led by Erik Staples, works with the prime contractor and Building Trades Council to facilitate the scheduling of all pre-job conferences for the program. During the conference, the Project Labor Coordination Team reports current project attainments and monitors employment opportunities for City Residents and Targeted Workers.

170 Pre Job Conferences

Through June 30, 2025

Project Name	Prime Contractor	TOTAL
As Needed Inspection & Survey Services Conveyance Projects	Jacobs	3
As Needed Inspection & Survey Services Treatment & Facilities Projects	Parsons Black & Veatch	5
As Needed Inspection & Survey Interim Short Term Residuals	Stantec	1
Morena Pump Station	FlatironDragados	28
Morena Northern Alignment and Tunnels	OHL USA, Inc.	17
Morena Conveyance South & Middle and Conveyance Bike Lanes	Sukut Construction	11
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	5
NCWRP Expansion	Kiewit Infrastructure West	14
NCPW Facility and Pump Station	Shimmick Construction	30
NCPW Pipeline	W.A. Rasic Construction	22
Miramar Reservoir Pump Station	Shimmick Construction	10
Metropolitan Biosolids Center	PCL Construction	7
Central Area Small-Scale Facility	Filanc Construction	14
Penasquitos Pump Station Oxygenation System	Blue Pacific Engineering	3
GRAND TOTAL:		170