



Project Labor Agreement - Pure Water Program Phase 1 Quarterly Progress Report through June 30, 2024



Our Projects

City of San Diego Pure Water Phase 1

The end of the quarter finds the **North City Pure Water Facility and Pump Station** project approximately 71% cost complete with 755 of 1,065 workdays expended.

Shimmick continues with structural work focusing on the biological activated carbon filters, product water tank and the administration building areas. Work continues on the chemical facility, liquid oxygenation facility and main electrical building. Shimmick is also planning and coordinating the start-up phase.

Shimmick has completed approximately 91% of the structural concrete work, 79% of the mechanical work, 88% of the civil work, 65% of the electrical work and 80% of project procurement.

Shimmick continues with yard piping, site retaining walls and piping installation. Mechanical work continues with material procurement and coordination



North City Pure Water Facility and Pump Station

Prime Contractor: Shimmick Construction, Inc.

Project Value: \$372,035,387

Project Start Date: April 2021



The end of the quarter finds the **Morena Pump Station** project continuing concrete formwork, rebar, and concrete placements on the lower level walls and concrete support columns at the pump station. Lower level walls and intermediate deck support columns are expected to be completed soon, then work will shift to the intermediate deck level of the pump station. Construction of the pump station screening facility is scheduled to begin. The 60-inch diameter micro tunnel influent pipeline has been partially installed up to the future screening facility influent channel point of connection. Soil freeze operations continue on Friars Road at diversion structure 3A and Flatiron is preparing to re-install the 72-inch flow through sewer bypass at diversion structure 2.

Morena Pump Station

Prime Contractor: Flatiron West, Inc.

Project Value: \$135,909,511

Project Start Date: June 2021

Our Projects

City of San Diego Pure Water Phase 1

For the **Morena Conveyance Northern Alignment** project:

- At Interstate 805 equipment conversion is complete and one of OHL's subcontractors, JD Barlow, has begun tunneling.
- On Executive Drive, the pipeline is complete to 100-feet from the Interstate 805 jacking shaft. Steel pipe cleaning is ongoing.
- On Nobel Drive, pipe installation is ongoing and moving westbound.
- The Genesee Avenue from State Route 52 to Rose Canyon is complete. Appleton Street to State Route 52 receiving shaft is complete. The open cut casing requires remedial work which will be completed by OHL. The remaining section ranges from Rose Canyon to Nobel Drive.
- At the Rose Canyon tunnel, subcontractor Ward and Burke has completed the south jacking shaft and tunneling will start soon.
- Towne Center is complete.



Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$104,358,687

Project Start Date: July 2021



On the **North City Pure Water Pipeline** project, W.A. Rasic (WAR) has completed over 31,000-linear feet of 48-inch pipe installation.

The Interstate 15 tunnel jack and bore is complete and augers have been removed.

Subaqueous high-density polyethylene (HDPE) is complete and tied into the end of the pipe.

WAR is currently working on grading and utility tie-ins at the dechlorination facility.

Startup and testing meetings are underway.

North City Pure Water Pipeline

Prime Contractor: W.A. Rasic

Construction Project Value: \$115,824,749

Project Start Date: July 2021

Our Projects

City of San Diego Pure Water Phase 1

At the **North City Water Reclamation Plant Expansion and Influent Pump Station** project, Kiewit recently finished 1,061 days with no recordable accidents.

Kiewit has completed the concrete walls for the primary sedimentation tanks and the first stage bioreactors. They are progressing on the final ground level decks while continuing with installation of the process pipe in those areas. The underground process pipe and utilities for the new secondary clarifiers is well under way as Kiewit continues with the installation of the clarifier mechanisms as well as the start of the clarifiers electrical building.

The Reclamation's Plant new influent pump station to the Pure Water Facility is finally getting out of the ground with below grade suction pipe and pump cans installed. Additionally, Kiewit is preparing to bring the grade up to ground level.



North City Water Reclamation Plant Expansion and Influent Pump Station

Prime Contractor: Kiewit Infrastructure West Co.

Project Value: \$261,004,512

Project Start Date: August 2021



Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$43,562,069

Project Start Date: September 2021

At the **Metropolitan Biosolids Center** project, PCL Construction has completed the commissioning of two thickening centrifuge systems, which include the new centrifuges and their associated feed pumps. Additionally, PCL has finalized the commissioning of the replacement and commissioning of one centrate pump system, one thickening transfer pump and one raw solids transfer system.

In the digester area, PCL has completed the start up and commissioning of the second digester. PCL is scheduled to start cleaning the third digester and begin demolition and replacement of the mechanical piping and associated equipment.

Our Projects

City of San Diego Pure Water Phase 1



For the **North City Water Reclamation Plant Flow Equalization Basin** project, Kiewit completed the fabrication of the wall forms. Kiewit erected the formwork wall sections one through five as subcontractor Sonco Construction placed PVC liner on the formwork. Rebar subcontractor, CMC, followed closely behind and installed rebar for the wall sections.

Kiewit installed the vertical thread bars and manway wall spool within the wall forms, poured and striped wall sections one through five.

North City Water Reclamation Plant Flow Equalization Basin

Prime Contractor: Kiewit Infrastructure West Co.
Project Value: \$11,897,637
Project Start Date: January 2022

For the **Morena Conveyance South & Middle and Morena Conveyance Bike Lanes** project, Sukut has completed the mainline pipe work to connect the south and middle segments of the pipe along Clairemont Drive. Crews continue to install pipe in the middle section approaching the intersection of Balboa Avenue and Clairemont Drive. A second crew is working on Morena Boulevard installing pipe northbound. Lastly, a crew has begun work at the Tecolote Creek crossing and will install pipe across the creek.

Morena Conveyance South & Middle and Morena Conveyance Bike Lanes

Prime Contractor: Sukut Construction
Construction Project Value: \$130,070,930
Project Start Date: October 2022



Our Projects

City of San Diego Pure Water Phase 1

The **Miramar Reservoir Pump Station** project is approximately 72% cost complete with 421 of 600 workdays expended. At the pump station, phase 2 of the vertical turbine pump refurbishments is in process. The new generator has been delivered. Electrical switchgear improvements are ongoing.

Solar switchgear distribution panels have been installed with third party acceptance testing to be completed.



Miramar Reservoir Pump Station Improvements

Prime Contractor: Shimmick Construction, Inc.

Construction Project Value: \$13,031,282

Project Start Date: December 2022



Central Area Small-Scale Facility

Prime Contractor: J.R. Filanc Construction

Construction Project Value: \$38,431,331

Project Start Date: September 2023

At the Pure Water **Central Area Small-Scale Facility (CASSF)** project, J.R. Filanc has completed the majority of the civil work and is now transitioning into the structural phase which involves pouring all of the slabs for the process equipment. J.R. Filanc intends to have most of the structural work completed during the next quarter which would then move their focus to the installation of the process equipment and above ground mechanical piping.

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

For the **Penasquitos Pump Station (PQPS) Oxygenation System** project, fabrication is currently occurring for the major equipment required for this project and is expected to be delivered in the third quarter.

Blue Pacific has mobilized and has nearly completed a portion of the work on Kika Court.

Our People

Veterans in Construction & Helmets to Hardhats

VETERANS WORKING ON PURE WATER



Shimmick hires Helmets to Hardhats Veterans on the City of San Diego Pure Water North City Pure Water Facility and Pump Station



Our People

Veterans in Construction & Helmets to Hardhats



Tytiana Alicea

U.S. Navy Veteran and City of San Diego Resident
Painter Second Period Apprentice

Tytiana Alicea is a U.S. Navy Veteran and City of San Diego resident, who registered on the Helmets to Hardhats website. Within three months, she was sponsored by Shimmick Construction as a painter, second period apprentice, on the North City Pure Water Facility and Pump Station project. When Tytiana returned to civilian life after service, she knew union construction was the path for her. She wanted the camaraderie, to be able to work with her hands and express her creative side. She is appreciative of the livable wage and benefits she receives as a union painter and is extremely thankful to her union for representing and supporting their workers.

During her time in the Navy, Tytiana learned the importance of safety and following direction. She attributes these learned skills to allowing for an easy transition into the construction industry. Since joining the union she says, **"I feel more proud of my work, I feel happy and satisfied."**

Her advice to anyone looking to join the union is, **"take your time to explore the trades."**



VETERANS WORKING ON PURE WATER

119

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

5%

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

82,173

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

STUDENTS ON SITE

The High Road Construction Apprenticeship Readiness Program (ARP)



FLATIRON x HIGH ROAD CONSTRUCTION CAREERS SB1 PROGRAM

Thank you, Flatiron, for inviting the High Road Construction Apprenticeship Readiness Program students to the Morena Pump Station project on April 24, 2024. Instructor Jon Gosen and the class were grateful for the time spent by Flatiron's key personnel answering questions about the apprenticeship process and starting a career in construction.



Our People

Working with Our Community Partners



SAN DIEGO COLLEGE OF CONTINUING EDUCATION FOUNDATION
— SINCE 2008 —

San Diego College

Apprenticeship
Readiness
Program
Graduation

May 23, 2024



CONGRATULATIONS APPRENTICESHIP READINESS PROGRAM GRADUATES!



Southwestern College

Apprenticeship
Readiness
Program
Graduation

May 28, 2024

WOMEN IN CONSTRUCTION: BUILDING THE FUTURE

High School Girls Construction Bootcamp and Kiewit Corporation



HIGH SCHOOL GIRLS CONSTRUCTION BOOTCAMP



JUNE 24TH — JUNE 28TH
8AM - 3PM

Experience what it takes
to build a career in the
construction industry.

WHY PARTICIPATE?

- CONSTRUCTION INDUSTRY ORIENTATION
- LEARN FROM EXPERTS WORKING IN THE INDUSTRY
- BUILD CONFIDENCE AND LEARN NEW SKILLS

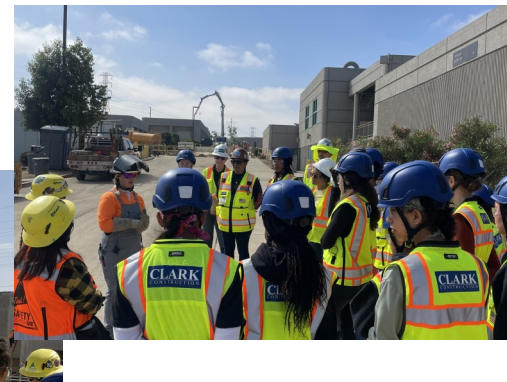
Jennifer Arce

jennifer@sdbuildingtrades.com



Kiewit

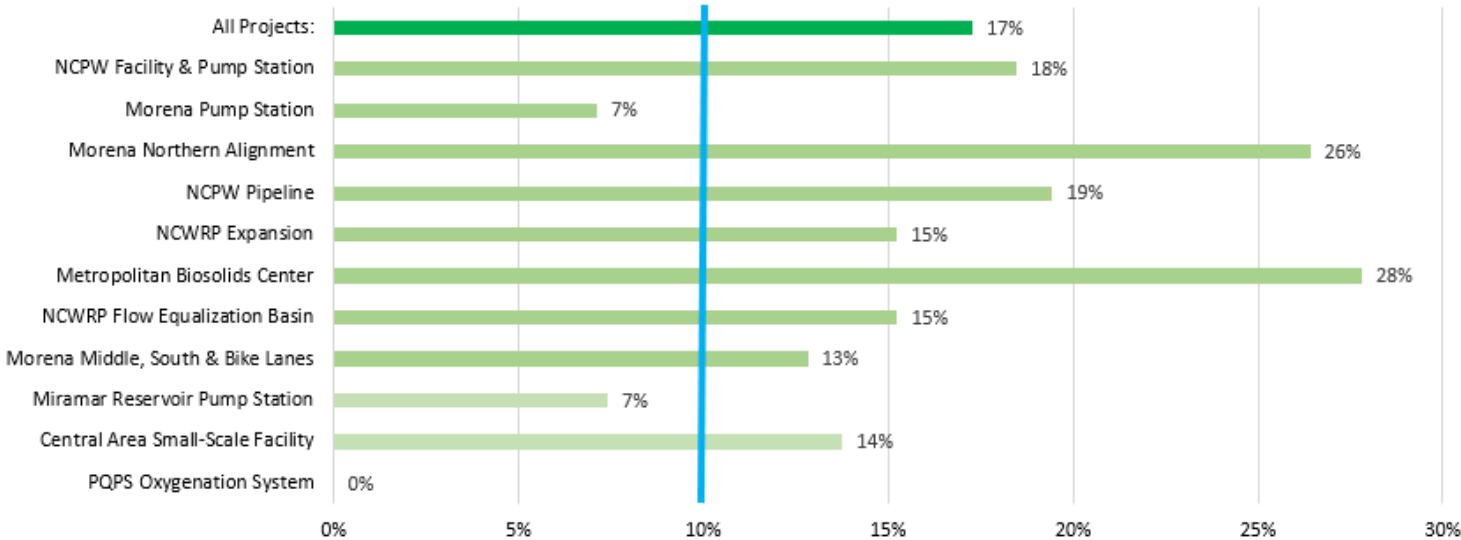
Thank you, Kiewit Corporation, for hosting the High School Girls Construction Bootcamp on the North City Water Reclamation Plant Expansion project on June 27, 2024. Kiewit's key female personnel, from engineers to safety and craft workers, provided a guided tour and answered specific questions related to the experiences of women getting started in the construction industry and their time out in the field.



Targeted Worker Hiring

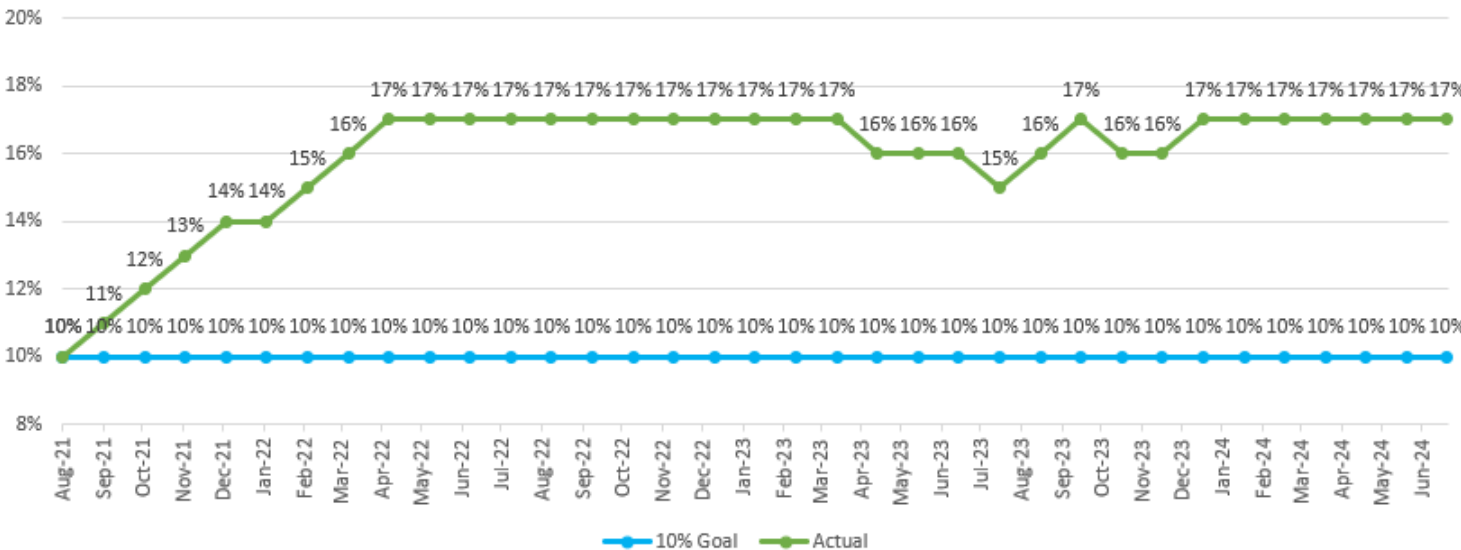
The PLA establishes a goal that at least 10% of the total construction craft hours worked on each project be performed by Targeted Workers. The City of San Diego's Pure Water Phase 1 Program has exceeded the 10% goal with 17% of all craft workers being performed by Targeted Workers.

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 Journeyman; (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.

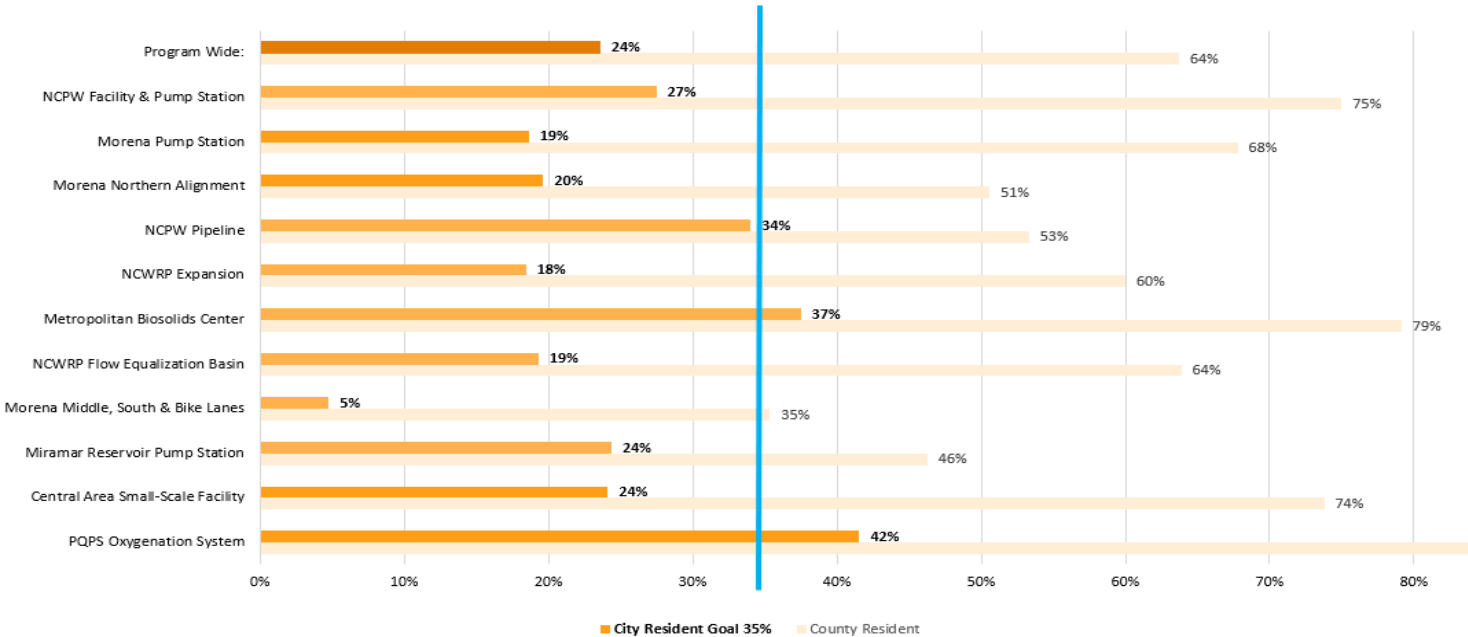
Pure Water Program Wide Targeted Worker Hire Trend Chart



City Resident Worker Hiring

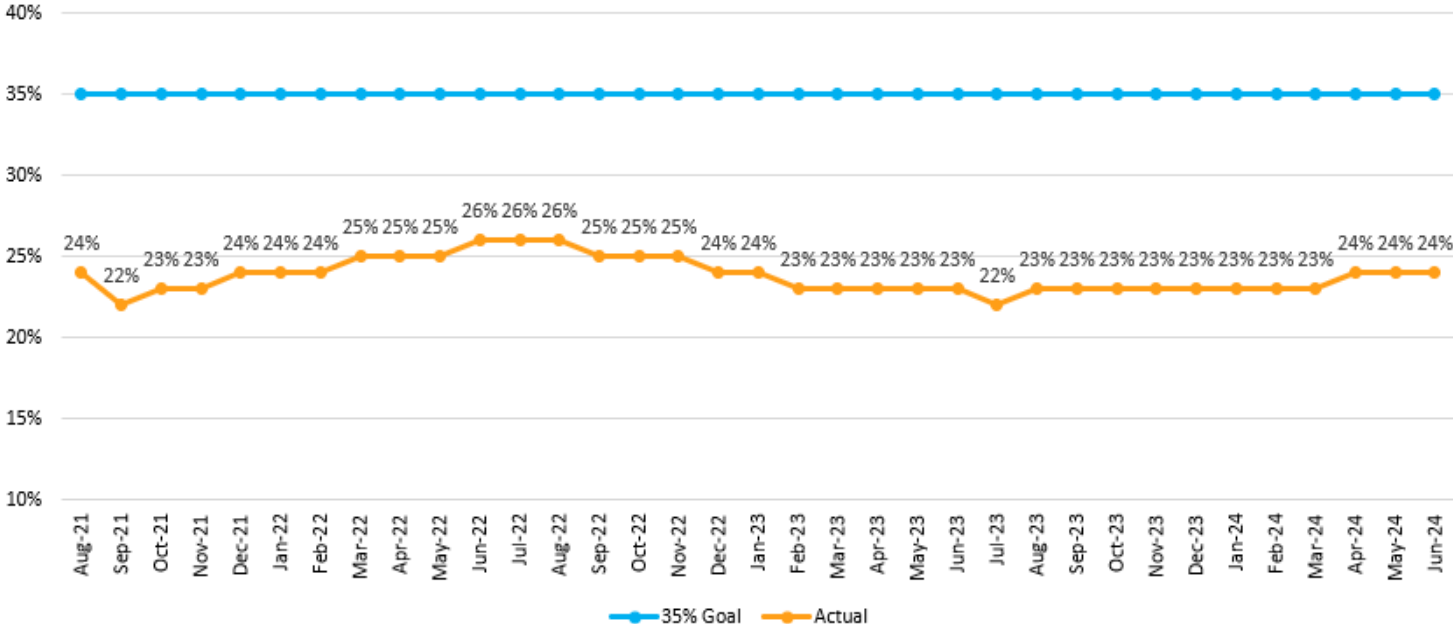
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents. Nearly 24% of the construction craft hours worked on the Pure Water Phase 1 program are by City Residents.

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



Our Progress

Building on Shared Goals

\$28,323,949

City Resident Wages and Benefits

City Residents received approximately \$28 million in wages and benefits and worked 402,472 hours on Pure Water Phase 1 PLA covered projects.

\$18,593,991

Targeted Worker Wages and Benefits

Targeted Workers received approximately \$18 million in wages and benefits and worked 294,797 hours on Pure Water Phase 1 PLA covered projects.



City Residents

employed on Pure Water Phase 1 PLA covered projects

1,054



Targeted Workers

employed on Pure Water Phase 1 PLA covered projects

532

North City Pure Water Facility and Pump Station



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%).

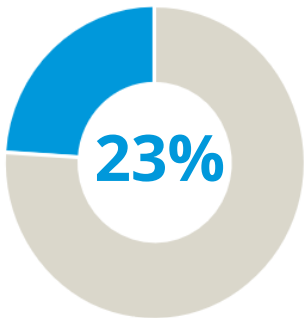


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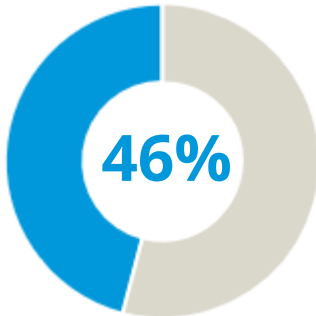
City Residents were employed as apprentices on the Pure Water Phase 1 PLA covered projects

301

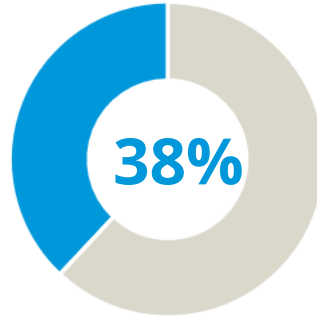
Targeted Workers were employed as apprentices on the Pure Water Phase 1 PLA covered projects



23% of all program hours worked were **Apprentice hours**



46% of all apprenticeship hours were worked by **Targeted Workers**



38% of all apprenticeship hours were worked by **City Residents**

Pre-Job Conferences

Each contractor is 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 Lea Fields-Bernard, 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.

136 Pre Job Conferences

Through June 30, 2024

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	Flatiron West, Inc.	23
Morena Northern Alignment and Tunnels	OHL USA, Inc.	15
Morena Conveyance South & Middle and Conveyance Bike Lanes	Sukut Construction	9
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	4
NCWRP Expansion	Kiewit Infrastructure West	12
NCPW Facility and Pump Station	Shimmick Construction	21
NCPW Pipeline	W.A. Rasic Construction	17
Miramar Reservoir Pump Station	Shimmick Construction	8
Metropolitan Biosolids Center	PCL Construction	7
Central Area Small-Scale Facility	J.R. Filanc Construction	10
Penasquitos Pump Station Oxygenation System	Blue Pacific Engineering	1
GRAND TOTAL:		136