



# Project Labor Agreement Quarterly Progress Report through March 31, 2022

## Pure Water Program Phase I





# OUR PROJECTS

## City of San Diego Pure Water Phase I



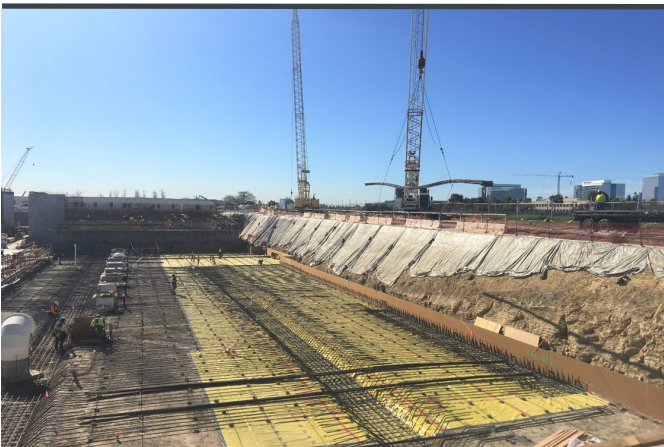
### North City Pure Water Pipeline

**Prime Contractor:** W.A. Rasic  
**Construction Project Value:** \$119,125,000  
**Project Start Date:** July 2021  
**Expected Completion:** 2025

W.A. Rasic (WAR) has completed nearly all potholing of the proposed mainline on the project, and performed extensive additional potholing and exploratory excavation to assist the City in mitigating several realignment conflicts. WAR anticipates beginning pipeline installation in the near future.

WAR began excavation and shoring activities at the access structure and Evans Ponds shafts. Surface and subsurface instrumentation has been installed at each shaft location pursuant to plan.

WAR continues to work through procurement items and issues in preparation to increase production as pipeline materials begin to become more available in the supply chain.



### North City Pure Water Facility and Pump Station

**Prime Contractor:** Shimmick Construction, Inc.  
**Project Value:** \$356,681,930  
**Project Start Date:** April 2021  
**Expected Completion:** 2025

The Area 111 Ozone Generation System Structure lower level, intermediate level, and the majority of the grade level has been constructed, including all embedded or under-slab associated mechanical, electrical, and plumbing work. The Area 120 Biological Activated Carbon System Structure lower level, and the majority of the intermediate level has been constructed with the upper-level walls currently in progress, including all associated embedded mechanical, electrical, and plumbing work. The Area 130 Reverse Osmosis/Membrane Filtration tank, and all associated embedded or under-slab mechanical, electrical, and plumbing work has been completed to grade level. The upper-level walls will begin in the near future, following the completion of the lower tank water test. The majority of underground mechanical, electrical, and plumbing work has been completed in the Area 130 Process Building and the lower-level slabs are nearly all poured out. The Area 190 Operations and Maintenance building has started and Shimmick has made their first footing concrete placement, with underground electrical and plumbing work proceeding concurrently. Most of the onsite storm drain and sewer lines have been installed.

# OUR PROJECTS

## City of San Diego Pure Water Phase I



### Morena Pump Station

Prime Contractor: Flatiron West, Inc.

Project Value: \$110,386,930

Project Start Date: June 2021

Expected Completion: 2025

Five of six planned micro-tunnel reception/launch shafts have been completed. Micro-tunneling operations are underway and Flatiron has completed two of five micro-tunnel drives totaling approximately 2,500 lineal feet of 48" RSP sewer pipelines. Installation of the Morena Pump Station site dewatering system and installation of soldier beams for excavation shoring at Morena Pump Station have been completed. Excavation of the Morena Pump Station site and installation of the shoring system of the excavation of diversion structures 1 and 2 is underway. Flatiron is working on submittals, engineering, issuance of subcontracts, purchase agreements, obtaining permits and other administrative duties. Finally, and from a safety perspective, Flatiron is proud to announce that the project has had ZERO incidents or accidents.



### Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$95,243,645

Project Start Date: July 2021

Expected Completion: 2024

OHL is continuing the potholing of utilities. Potholing has been completed on Genesee Avenue and Executive Drive. OHL is procuring materials, and manufacturers are fabricating pipe.



# OUR PROJECTS

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## North City Water Reclamation Plant Expansion and Influent Pump Station

Prime Contractor: Kiewit Infrastructure West Co

Project Value: \$255,138,000

Project Start Date: August 2021

Expected Completion: 2025

Kiewit has completed the protection slab work and started installation of the 96" pipe at the secondary clarifier (Facility 23). Kiewit is continuing installation of the 60" and 42" piping at the raw sewage vault and anticipates bringing the system online in the near future. Kiewit has started excavation and pipe installation at the primary sedimentation tank (Facility 10) and started mass excavation and load out operations at the first bioreactor basins (Facility 15).



## North City Water Reclamation Plant Flow Equalization Basin

Prime Contractor: Kiewit Infrastructure West Co

Project Value: \$11,886,000

Project Start Date: January 2022

Expected Completion: 2024

The NCWRP Flow Equalization Basin kicked off construction in the first quarter of 2022. Kiewit has begun excavating for the basin site and rerouting utilities around the future basin site.

# OUR PROJECTS

City of San Diego Pure Water Phase I



PCL has demolished the existing 6" overflow line of Digester 2 where PCL removed a 30' section of the overflow line. Following this, PCL began work on demolishing thickening centrifuge 5 in ST76. PCL removed the centrifuge from the structure and demolished the concrete pad it rested upon. PCL's current operation is the excavation and installation of a 12" HDPE biogas line that will run from the cogeneration building to the biogas holding tank.

## Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$40,086,690

Project Start Date: October 2021

Expected Completion: 2025

## Upcoming Projects



### Morena Conveyance South & Middle and Morena Conveyance Bike Lanes

Bid Posting: 12/28/21

Bids Due: 3/17/22

Bid Award: N/A as of 3/31/22



### Miramar Reservoir Pump Station Improvement Project

Bid Posting: 3/18/22

Bids Due: 5/6/22

Bid Award: N/A as of 3/31/22



## Todd McCarty

U.S. Navy Veteran

Southwest Regional Council of Carpenters, Journeyman



U.S. Navy Veteran Todd McCarty is a Southwest Regional Council of Carpenters journeyman. He is currently employed by Shimmick Construction on the North City Pure Water Facility and Pump Station project.

After the Navy, Todd started working as a union laborer with his father installing underground waterlines for fresh water. Eventually he decided to join the Carpenters union where he went through the apprenticeship program and became a journeyman. He's been a journeyman carpenter for 14 years.

Todd's advice to apprentices is to continue to learn. "I learn every day and I am definitely happy and dedicated."

## Veterans Working on the Pure Water Program



# 24

Total veterans across all PLA covered Pure Water Phase I Projects



# 7%

Percentage of veterans employed by hours across all PLA covered Pure Water Phase I Projects



# 11,456

Total veteran hours across all PLA covered Pure Water Phase I Projects

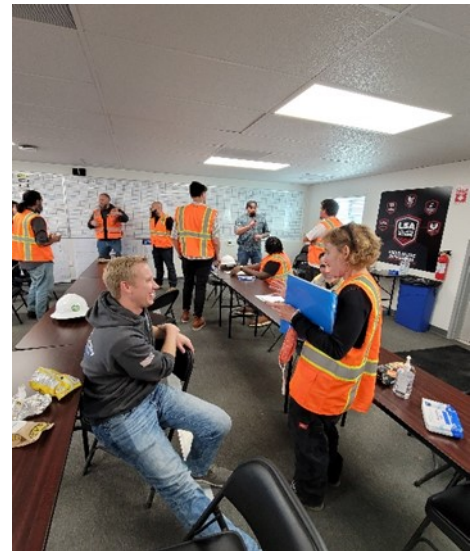


# OUR PARTNERS

Work and Economic Opportunity

## Students on Site

San Diego College of Continuing Education Foundation (SDCCEF)  
The High Roads Construction Apprenticeship Readiness Program (ARP)



Thank you to prime contractor Kiewit Infrastructure West for inviting the fourth cohort of the SDCCEF ARP to the project on February 24, 2022, for an informative overview of the North City Water Reclamation Plant Expansion and Equalization Basin projects. Instructor Jon Gosen and the class were grateful for the time spent by its key personnel answering questions about the apprenticeship process and the different aspects of starting a career in construction.

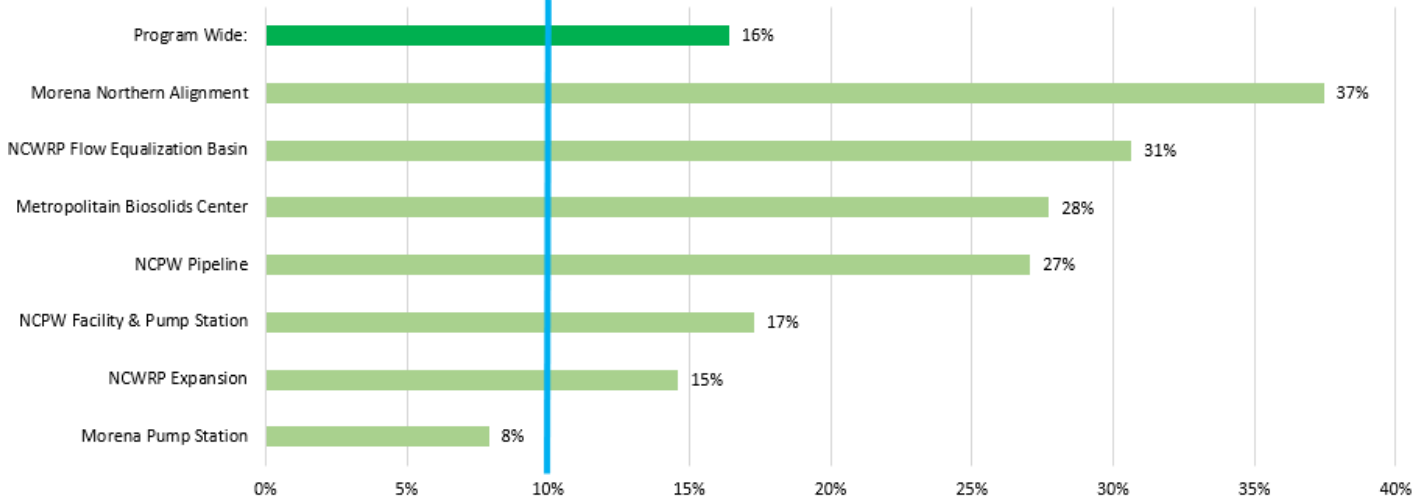
**Congratulations to Cohort Four of the SDCCEF ARP for graduating on March 3, 2022!**



## Targeted Worker Hiring

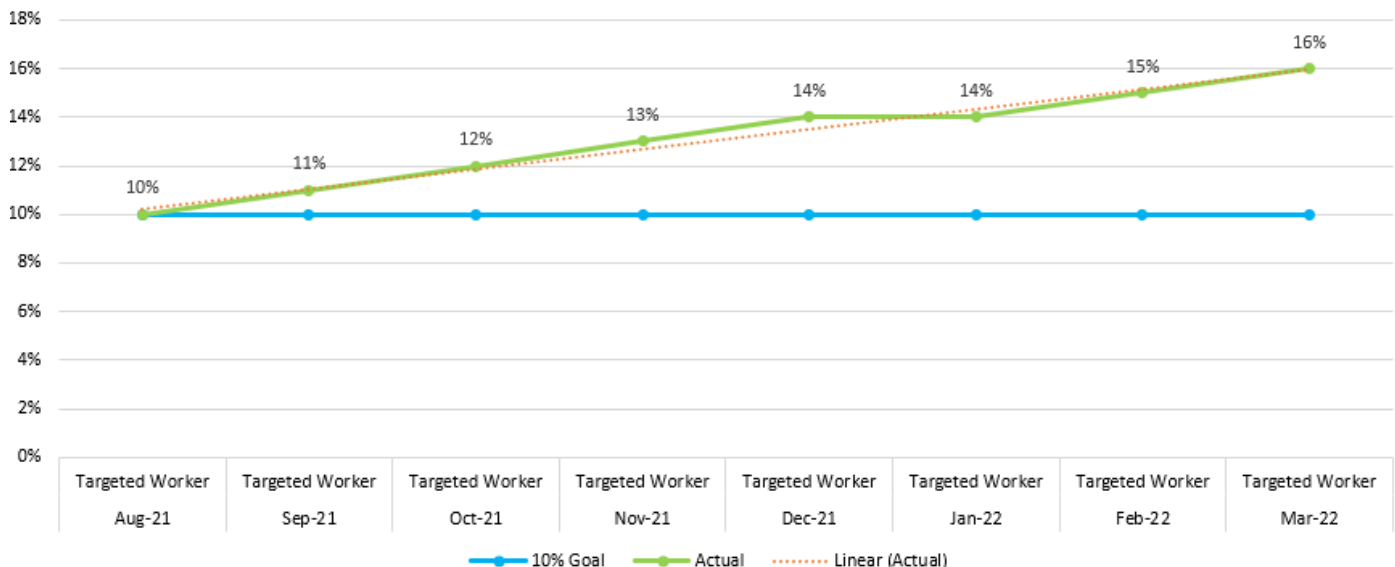
The PLA establishes a goal that at least 10% of the total construction craft hours worked on each project be performed by Targeted Workers.

**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 with a history of involvement with the criminal justice system.”

**Pure Water Program Wide Targeted Worker Hire Trend Chart**

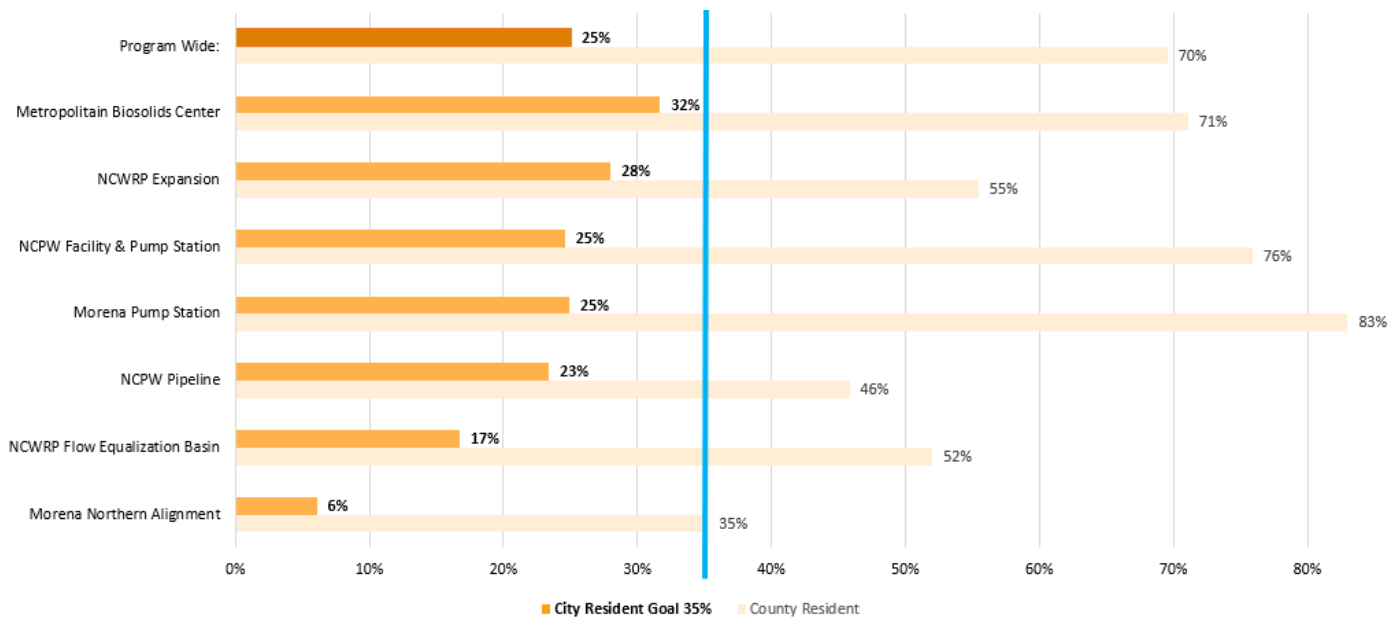




## City Resident Worker Hiring

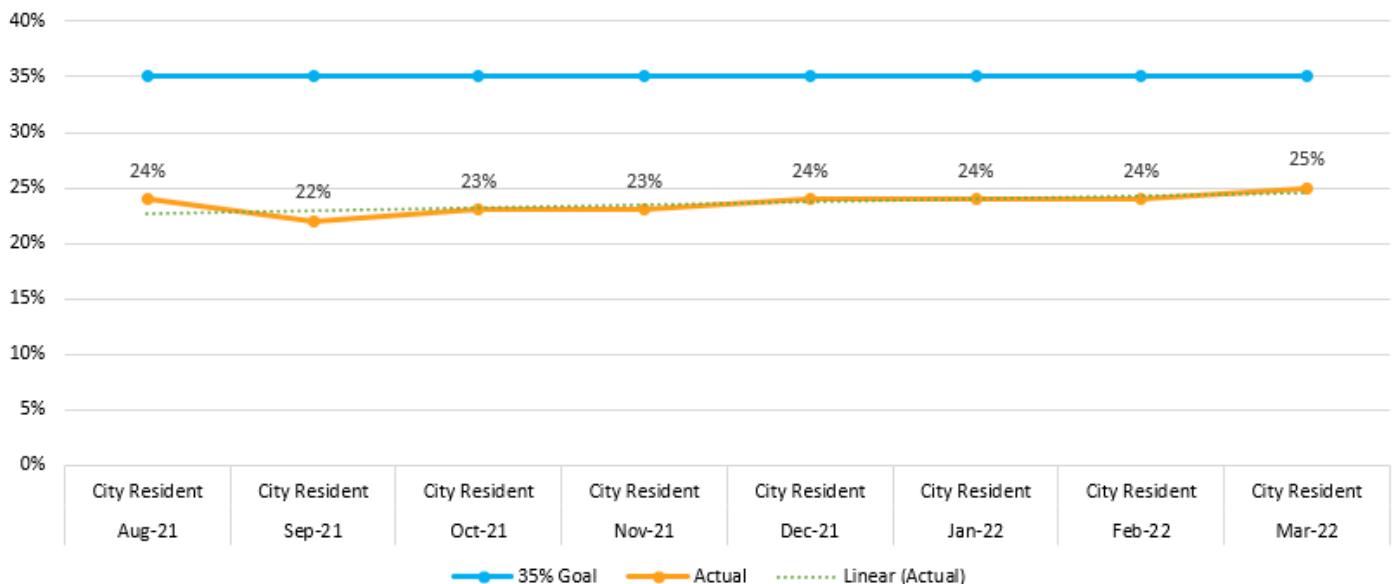
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents.

**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

## Economic Impact

**\$2,968,071**

### City Resident Wages and Benefits Earned

City Residents received approximately \$2.9 million in wages and benefits and worked 42,464 hours on Pure Water Phase I PLA covered projects.

**\$1,696,471**

### Targeted Worker Wages and Benefits Earned

Targeted Workers received approximately \$1.6 million in wages and benefits and worked 27,844 hours on Pure Water Phase I PLA covered projects.



#### City Residents

employed on Pure Water Phase I PLA covered projects

197



#### Targeted Workers

employed on Pure Water Phase I PLA covered projects

103



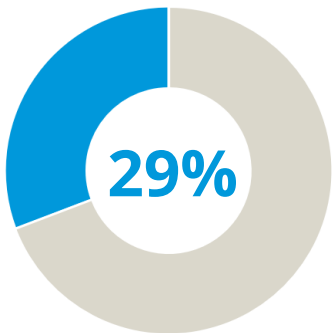
## Apprentice Utilization

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

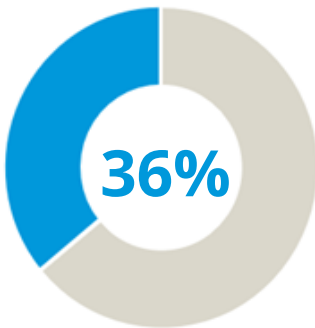
Contractors shall be in compliance with the California State Labor Code Section 1777.5 (g) apprenticeship requirements which states the minimum apprentice ratio shall be one hour of apprentice work for every five hours of journeyman work (20%).

**42** **City Residents** were employed as apprentices on the Pure Water Phase I PLA covered projects

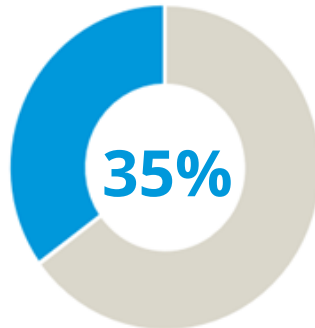
**49** **Targeted Workers** were employed as apprentices on the Pure Water Phase I PLA covered projects



29% of all  
**Program Hours**  
worked were  
apprentice hours



36% of all  
apprenticeship hours  
were worked by  
**Targeted Workers**



35% 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, 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.

Project	Prime	Total
As needed Inspection & Survey Services Conveyance Projects	Jacobs	1
As needed Inspection & Survey Services Treatment and Facilities Projects	Parsons Black & Veatch	4
Morena Pump Station	Flatiron West, Inc.	9
Morena Northern Alignment & Tunnels	OHL USA, Inc.	2
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	2
NCWRP Expansion	Kiewit Infrastructure West	4
NCPW Facility & Pump Station	Shimmick Construction	5
NCPW Pipeline	W.A. Rasic Construction	6
Metropolitan Biosolids Center	PCL Construction	2
GRAND TOTAL:		35

# 35

Pre-Job Conferences  
were held through March 31, 2022