



Project Labor Agreement

Quarterly Progress Report through June 30, 2023

Pure Water Program Phase 1



North City Pure Water Facility and Pump Station

OUR PROJECTS

City of San Diego Pure Water Phase 1



North City Pure Water Facility and Pump Station

Prime Contractor: Shimmick Construction, Inc.
Project Value: \$366,480,210
Project Start Date: April 2021

The end of the quarter finds the Pure Water Facility approximately 46.1% cost complete with 508 workdays of 1,041 workdays expended.

Shimmick continues with concrete work, focusing on the ozone facility, biological activated carbon filter building, process area, electrical building and the administration building. Mechanical and electrical activities in these areas are continuing to ramp up.

Shimmick has completed approximately 73% of the structural concrete work.

Site process piping continues with a focus moving north. Recent highlight of note: Shimmick has begun installation of the microfiltration membrane rack units within the process area.

The exterior shell of the administration building is progressing and should be completed by the end of August 2023.



Morena Pump Station

Prime Contractor: Flatiron West, Inc.
Project Value: \$127,886,847
Project Start Date: June 2021

At the Morena Pump Station, Flatiron has continued to install the alternative (jet-grout and soil mix) shoring system. Work on the shoring is nearing completion and excavation activities should begin within the third quarter 2023.

Major equipment systems, including the ten 750 horsepower electric-driven pumping units, are currently under fabrication and being factory tested and readied for shipment later this summer. Major electrical components are also entering the factory testing phase and will ship in the last quarter of 2023.

Flatiron has currently completed the construction of four of the eight off-site junction and diversion structures on Friars Road. Work is progressing on a fifth structure near Napa Street and Friars Road intersection. Major sewer bypass and tie-ins to existing 60-inch and 72-inch trunk sewers is scheduled for summer 2023.

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Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$101,386,647

Project Start Date: July 2021

For the Morena Conveyance Northern Alignment project, the Genesee Avenue pipeline has three pipeline headings. The first heading is running northbound and just past the intersection of Radcliff Drive. OHL is expecting the first heading to reach Governor Drive in late September 2023. The open cut casing pipeline heading number two is installing open cut casing in the Caltrans right of way at the State Route 52. OHL expects the open cut casing on Genesee Avenue by State Route 52 to be complete in third quarter. The third heading on Towne Centre Drive is wrapping up. OHL expects the crew to be south of La Jolla Village Drive by mid-August 2023.

The Interstate 805 tunnel segment is progressing slowly due to rocks encountered in the tunneling shaft. OHL expects this work to continue throughout 2023. Meanwhile the second tunnel drive located at San Clemente Canyon Road (near State Route 52), and the excavation of the jacking shaft has been completed and the receiving shaft work has just begun.

The road surface improvements are ongoing as segments are completed.



North City Pure Water Pipeline

Prime Contractor: W.A. Rasic

Construction Project Value: \$105,784,483

Project Start Date: July 2021

W.A. Rasic (WAR) has installed just under 14,000 lineal feet of 48-inch pipe.

WAR has completed the access structure shaft shoring as well as the Evans Pond receiving shaft.

WAR has also completed the excavation of the MacFarlane jacking shaft.

WAR is near completion on the open cut pipe installation on the Murphy and MacFarlane private lots.

WAR has completed the tunnel excavation of the Evans Pond tunnel run.

Currently, WAR is gearing up for the Miramar tunnel run, Interstate 15 tunnel run, and continuing pipeline installation along Miramar Road.

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City of San Diego Pure Water Phase 1



North City Water Reclamation Plant Expansion and Influent Pump Station

Prime Contractor: Kiewit Infrastructure West Co

Project Value: \$256,851,006

Project Start Date: August 2021

At the North City Water Reclamation Plant Expansion, the project team continues to be accident free, which aligns with Kiewit's goal of "nobody gets hurt."

Kiewit has approximately 100 craft employees.

The structures work is in full force at facility 10; the primary sedimentation, facility 15, the first stage bioreactor; facility 16, the second bioreactor; and facility 23, the secondary clarifiers.

The mechanical team is installing the underground pipe throughout the project.

The electrical team is installing above ground conduit at facility 5, headworks; facility 15, the first stage bioreactor; and facility 16, the second stage bioreactor.

The civil team is installing shoring for the 96-inch pipe installation.



Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$41,874,667

Project Start Date: September 2021

At the Metropolitan Biosolids Center, PCL has installed the dewatering centrifuge, dewatering sludge feed pump and associated polymer pump. PCL is in the final phase of start up and commissioning of this equipment.

The demolition of the second dewatering centrifuge, as well as associated pumps and pipes has begun.

PCL installed two of the five thickening units as well as the associated electrical and mechanical work. Preparation to start up these units is underway.

The digester two area is 90% complete, including all nine pumps, and start-up activities are scheduled to begin.

PCL's biogas component of the contract is 70% complete, with some electrical work remaining.

PCL has erected the new flare and finished 95% of the underground work for the task.

OUR PROJECTS

City of San Diego Pure Water Phase 1



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 North City Water Reclamation Plant Flow Equalization Basin, Kiewit has placed and backfilled the protective concrete cap over the 16-inch blended sludge discharge line.

Kiewit continues with the excavation of the 42-inch primary effluent line and the 8-inch to 10-inch utility water high pressure lines.

Kiewit subcontractor CMC has placed rebar for the 42-inch primary effluent line as Kiewit builds the 42-inch PEF ductile iron pipe.



Morena Conveyance South Middle and Bike Lanes

Prime Contractor: Sukut Construction
Construction Project Value: \$129,753,895

Project Start Date: October 2022

For the Morena Conveyance South, Middle and Bike Lanes project, Sukut continues to work on installing the 48-inch and 30-inch cement-mortar lined and coated pipe along Clairemont Drive headed east.

During the next section of work, construction will take place a night in order to lessen the impact on the businesses along Clairmont Drive between Burgener Boulevard and Iroquois Avenue. Pipe installation will continue nightly through October 2023.

OUR PROJECTS

City of San Diego Pure Water Phase 1



Miramar Reservoir Pump Station Improvements

Prime Contractor: Shimmick Construction, Inc.
Construction Project Value: \$12,692,000
Project Start Date: December 2022

The Miramar Reservoir Pump Station project is approximately 28.3% cost complete with 172 of 600 workdays expended.

Shimmick is nearing completion of the 66-inch pipeline replacement and investigation of the 48-inch discharge pipe.

Generator improvements and installation of the photovoltaic equipment will commence early in the third quarter of 2023.

Upcoming Projects



Penasquitos Pump Station (PQPS) Oxygenation System

Bid Posting: 07/25/22
Bids Due: 09/02/22
Bid Award: Blue Pacific Engineering
Estimated Start Date: 01/2024



Central Area Small-Scale Facility

Bid Posting: 11/01/22
Bids Due: 01/12/23
Bid Award: J.R. Filanc Construction
Estimated Start Date: 09/2023

Veterans Working on the Pure Water Program



Jose Luis Garcia

Corporal United States Army
LIUNA Laborers Local 89, First Period Apprentice

Jose Luis Garcia served as a Corporal in the United States Army. He chose to begin his construction career as a laborer because it was a good transition for the transferable skills he gained working in field artillery in the army.

"I labored there so I figured I would labor here, it just comes naturally to me," said Garcia.

The laborers wages, benefits, opportunity to work and ability to advance were key factors in selecting this craft. With a growing family the living wages, healthcare for his family, and stability to put down roots in one location helped to solidify his choice.

Jose reached out to LIUNA Laborers Local 89 and went through their boot camp. He was sponsored by PCL Construction and began work on the City of San Diego Pure Water Metropolitan Biosolids Center Improvements project.

"It has been great and I really like it a lot...the whole crew has been great. They teach me the safe way to do it."

His advice to any other military service members thinking of starting their career in construction "pick a craft that interests you and then start calling the local unions to see what the requirements are for joining."

"It has been great and I really like it a lot... the whole crew has been great!"
- Jose Luis Garcia



Left: Jose Luis Garcia, US Army, PCL Laborer App Period 1
Right: Chris Betancourt, LIUNA Laborers Local 89



Jose Luis Garcia at Laborers Local 89 Boot Camp

Veterans Working on the Pure Water Program

Helmets to Hardhats Banner Hanging—Metropolitan Biosolids Center Improvements



June 28, 2023 — Helmets to Hardhats Banner Hanging Ceremony

Pictured: City of San Diego, San Diego County Building and Construction Trades, LIUNA Laborers Local 89, PCL and Parsons-Black & Veatch Joint Venture



61

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




33,180


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

OUR PARTNERS

Apprenticeship Readiness Program

Congratulations Graduates!



 **SAN DIEGO COLLEGE OF CONTINUING EDUCATION FOUNDATION**
— SINCE 2008 —

San Diego College
Apprenticeship Readiness Program
Graduation
May 25, 2023



Congratulations to our GRADUATES!

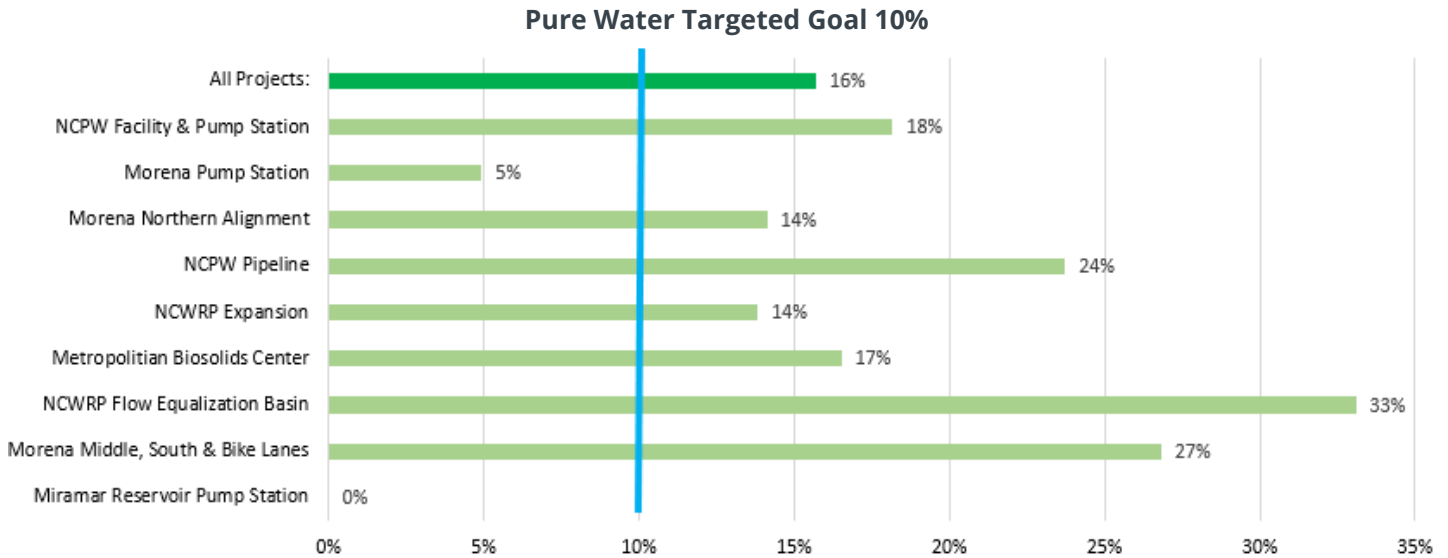
 **SOUTHWESTERN COLLEGE HIGHER EDUCATION CENTER AT SAN YSIDRO**

Southwestern College
Apprenticeship Readiness Program
Graduation
May 31, 2023



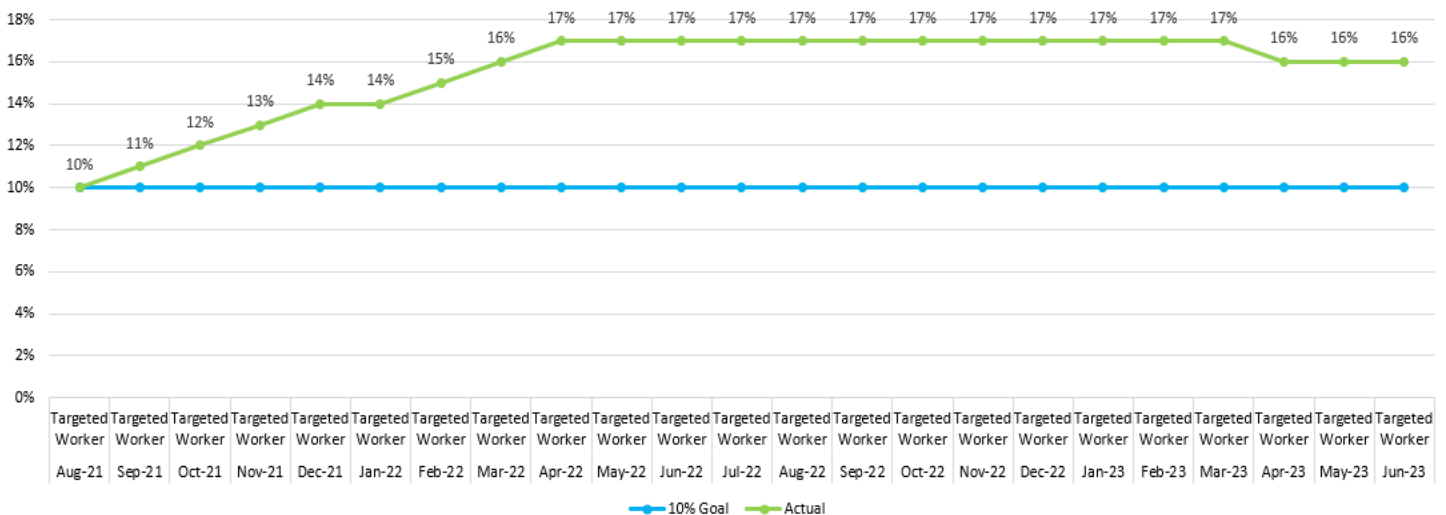
Targeted Worker Hiring

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 16% of all craft workers being performed by Targeted Workers.



“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.

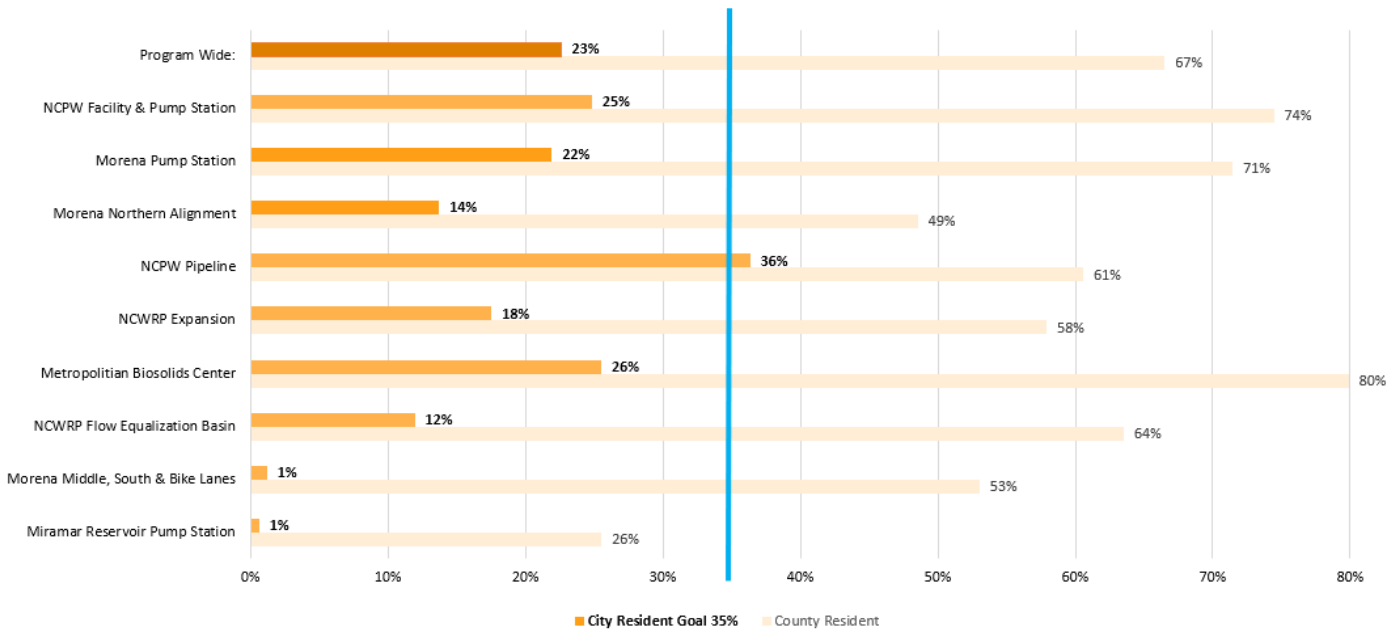
Pure Water Program Wide Targeted Worker Hire Trend Chart



City Resident Worker Hiring

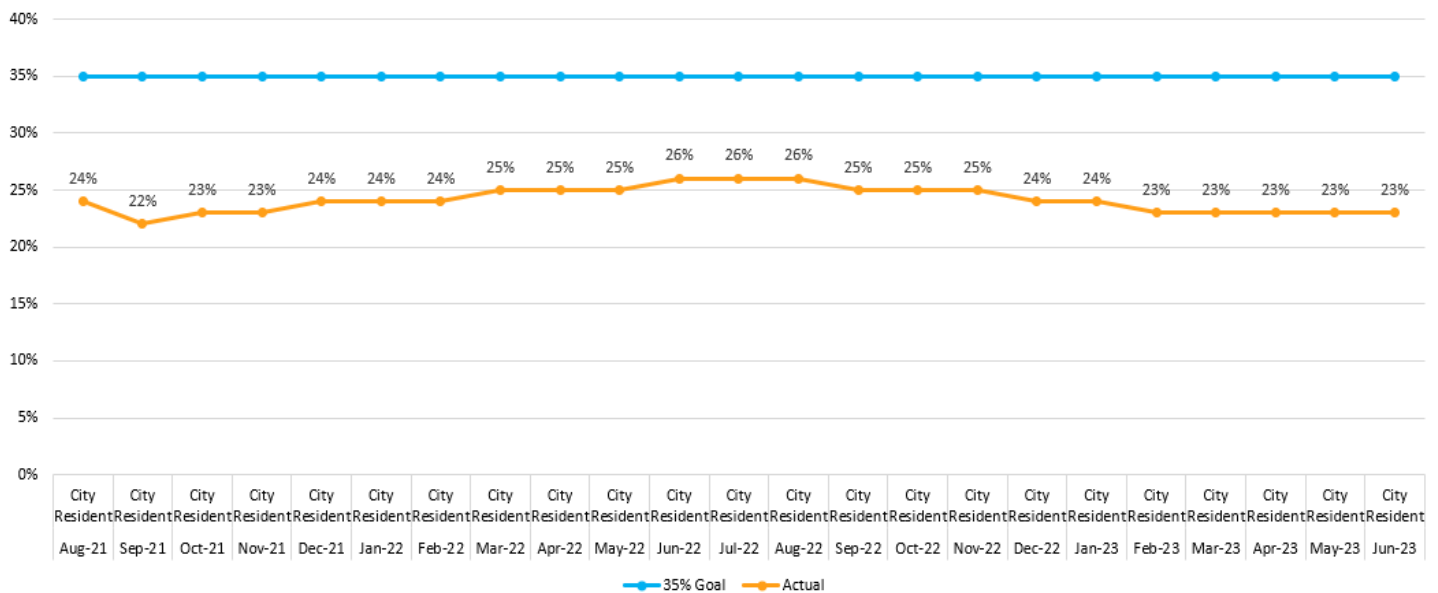
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents. Nearly 25% of the construction craft hours worked on the Pure Water Phase 1 program are by City Residents.

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



Economic Impact

\$12,416,917

City Resident Wages and Benefits Earned

City Residents received approximately \$12 million in wages and benefits and worked 177,828 hours on Pure Water Phase 1 PLA covered projects.

\$7,512,905

Targeted Worker Wages and Benefits Earned

Targeted Workers received approximately \$7 million in wages and benefits and worked 123,473 hours on Pure Water Phase 1 PLA covered projects.



City Residents

employed on Pure Water Phase 1 PLA covered projects

565



Targeted Workers

employed on Pure Water Phase 1 PLA covered projects

283

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.

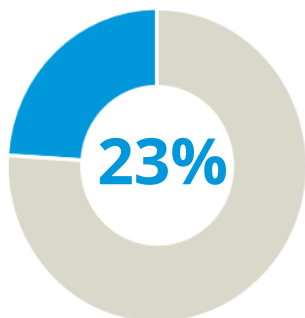
Contractors shall be in compliance with the California State Labor Code Section 1777.5 (g) apprenticeship requirements which state the minimum apprentice ratio shall be one hour of apprentice work for every five hours of journeyman work (20%).



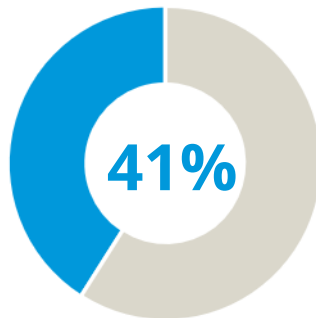
Metropolitan Biosolids Center Improvements

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

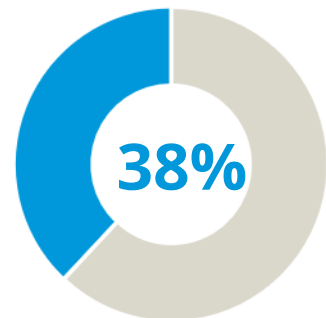
150 Targeted Workers were employed as apprentices on the Pure Water Phase 1 PLA covered projects



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



41% 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, 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	3
As needed Inspection & Survey Services Treatment and Facilities Projects	Parsons Black & Veatch	4
As needed Inspection & Survey Services Interim Short Term Residuals	Stantec	1
Morena Pump Station	Flatiron West, Inc.	18
Morena Northern Alignment & Tunnels	OHL USA, Inc.	11
Morena Conveyance South, Middle & Bike Lanes	Sukut Construction	3
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	2
NCWRP Expansion	Kiewit Infrastructure West	10
NCPW Facility & Pump Station	Shimmick Construction	13
NCPW Pipeline	W.A. Rasic Construction	10
Miramar Reservoir Pump Station	Shimmick Construction	5
Metropolitan Biosolids Center	PCL Construction	5
GRAND TOTAL:		85

85

Pre-Job Conferences
were held through June 30, 2023