



Project Labor Agreement

Quarterly Progress Report through March 31, 2023

Pure Water Program Phase 1



Metropolitan Biosolids Center Improvements

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: \$362,714,603

Project Start Date: April 2021

At the process building, Shimmick has completed the basement level of the structure. The crews are installing mechanical and electrical work inside. At the grade level of the process building, Shimmick is working on the walls and underground mechanical and electrical piping. Upper level walls are also being constructed.

At the biological activated carbon filter building, Shimmick has completed most of the underground structure and is currently topping off the upper deck.

At the ozone structure, Shimmick has completed the lower level and grade level structures. The crews are working on the upper level walls and installing mechanical and electrical components inside of the building.

At the operations and maintenance building, Shimmick is wrapping up the structural steel work, and getting ready to place the concrete floor slab.

At the electrical building, the crew just started the underground work.



Morena Pump Station

Prime Contractor: Flatiron West, Inc.

Project Value: \$124,104,196

Project Start Date: June 2021

On Friars Road, the Flatiron crews have completed the concrete placements of Junction Structure 1 and two separate interconnecting angle structures, and has nearly completed the 66-inch by 30-inch Brine Return Junction Structure.

Flatiron is continuing with the excavation and dewatering of the 60-inch and 66-inch Diversion Structures numbers 1 and 2. Cast in-place structure construction should begin in the near future.

Ward & Burke has fully completed all micro-tunnel operations on Friars Road and have demobilized from the project.

Condon Johnson is continuing to perform jet grout operations at the Morena Pump Station in support of the alternative shoring system for the screening facility and pump station structure. This work should be complete within the coming months. Excavation of the pump station and screening facility will follow.

OUR PROJECTS

City of San Diego Pure Water Phase 1



Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$101,386,647

Project Start Date: July 2021

As of March 31, OHL has completed pipe installation, fiber optic installation and temporary paving of the first section which is on Genesee Avenue from Appleton Street to State Route 52.

J.D. Barlow Construction has finished mobilizing and the OSHA Pre Job meeting has been completed at the Interstate 805 tunnel.

McMahon Engineering is working on the launch shaft for tunnel at State Route 52.



North City Pure Water Pipeline

Prime Contractor: W.A. Rasic

Construction Project Value: \$123,456,027

Project Start Date: July 2021

As of March 31, W.A. Rasic (WAR) has installed approximately 9,200 linear feet of pipeline.

Parking lot improvements at the Miramar Reservoir are being completed.

The tunnel under Evans Pond and Scripps Lake Drive is completed.

The tunnel shaft on the easement on the Scripps Ranch Technology Park property is being backfilled and grading work is beginning.

OUR PROJECTS

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

The project team continues to be accident free, which aligns with Kiewit's goal of "nobody gets hurt."

- Conveyance Piping, Kiewit continues installing 54-inch continuous weld piping for phase 2.
- At Facility 5, the headworks, crews are working on the rehabilitation of the scum concentrator number 1.
- At Facility 10, the primary sedimentation, crews are constructing the influent channel connection walls in zone 1 grit gallery, installing rebar ground level beams and deck 2 and 3m and completing fine grade and pouring the pad south sleeper slab.
- At Facility 15, the first stage bioreactor, crews are constructing intermediate deck, beams and baffle walls.
- At Facility 16, the second stage bioreactor, the new influent channel extension 1 in clarifier is in process.
- At Facility 23 and 70, crews poured the center clarifier slab on grade at secondary clarifier 2, 3 and 4.
- At Facility 36, crews excavated and installed the slurry wall at the influent pump station.



Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$40,290,354

Project Start Date: September 2021

Since the beginning of the year, PCL has completed the demolition of the existing pump system and the installation of the new pumps and all associated piping. PCL has also installed a new dewatering centrifuge and thickening centrifuge subbases.

PCL has constructed a new slab on grade for the biogas flare and installed the facility's third flare. They have completed the majority of the electrical work upgrade to the flare on the outside of the plant, as well as all related electrical work in the gallery area.

PCL has installed all of the pumps related to Digester 2 in the digester area, and they also completed the electrical upgrades for this digester with the new installation of the 14-inch biogas line on the roof and the side of the digester.

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

Kiewit continues to work through submittals, procurement and planning to start field operations in April 2023.



Morena Conveyance South Middle and Bike Lanes

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

Project Start Date: October 2022

Sukut has been working nights on Sherman Street to install a new 12-inch water pipeline. This pipeline will abandon two conflicting water pipelines and make space for the Pure Water pipelines.

Nightly traffic control takes place between 9 p.m. and 5 a.m. to avoid conflicts with businesses and other contractors in the area.

Once complete with the water pipeline installation, Sukut will continue potholing efforts to identify any conflicts with the proposed pipeline alignment.

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 approximately is 18.2% cost complete, with 108 workdays of 600 workdays expended.

Shimmick is currently focusing its efforts on completing the 66-inch pipeline replacement, with layout and installation of the photovoltaic equipment and repairs on the 48-inch discharge pipe scheduled to begin soon.

Upcoming Projects



Penasquitos Pump Station (PQPS) Oxygenation System

Bid Posting: 07/25/22

Bids Due: 09/02/22

Bid Award: Blue Pacific Engineering



Central Area Small-Scale Facility

Bid Posting: 11/01/22

Bids Due: 01/12/23

Bid Award: TBD

OUR PARTNERS

Apprenticeship Readiness Program

Building Our Future

Apprenticeship Readiness Program

The Apprenticeship Readiness Program (ARP) is a multi-week program that prepares pre-apprentices to launch successful careers as construction apprentices and upon successful completion, individuals earn their MC3, OSHA, CPR and First Aid certifications. In addition to learning other industry-recognized skills that are critical to a career in the trades throughout their program journey, students receive career exploration with job site visits, meetings with unions and signatory contractors, and potential post-program placements. The Apprenticeship Readiness Programs currently runs through San Diego College of Continuing Education and Southwestern College.

San Diego's Apprenticeship Readiness Program is part of the High Road Construction Careers (HRCC) initiative funded by the California Workforce Development Board and overseen regionally by the San Diego Workforce Partnership and the San Diego County Building & Construction Trades Council. This initiative launched in 2020 and created the Apprenticeship Readiness Collaborative (ARC). The overall framework prioritizes the partnerships that connect San Diego's local building and construction trades council and Workforce board with its community college training partners, construction industry, and community-based organizations to create these structured pathways to state-certified apprenticeships and careers in a variety of crafts.



OUR PARTNERS

Apprenticeship Readiness Program (ARP)

Meet the Instructors

Jon Gosen



Meet Jon Gosen, the San Diego County Building and Construction Trades Council's current MC3 Certified Instructor for the San Diego College of Continuing Education Foundation (SDCCEF).

Jon performed craft construction work and project management on various construction projects for 30 years before becoming a teacher in 2018. He began teaching his first ARP cohort at SDCCEF in 2019 and recently started teaching his ninth cohort, teaching at the SDCCEF's Cesar Chavez Campus.

“The most gratifying part of this job is placing students in rewarding careers in the construction industry. It can be a changing experience!” - Jon Gosen

Jenifer Arce



Meet Jenifer Arce, the San Diego County Building and Construction Trade Council's newest MC3 Certified Instructor currently teaching at Southwestern Community College.

In December 2013, Jenifer joined the Ironworkers Union Local 229 apprenticeship program and has since become a journey person. She also enjoys serving her community through volunteer work. This combination led to her being offered an instructor position with Southwestern Community College. With the positive impact being an ironworker has had on her, she is excited to be able to help open the door for those who are looking to join the trades. She is currently instructing her first cohort.

**“I am extremely passionate about getting more women, men and young people all across the board into the union trades because it was so life-changing for me !”
- Jenifer Arce**

Veterans Working on the Pure Water Program



“The Parties recognize a desire to facilitate the entry into the building and construction trades of veterans who are interested in careers in the building and construction industry. The Contractors and Unions agree to utilize the services of the Center for Military Recruitment, Assessment and Veterans Employment (“Center”) and the Center’s “Helmets to Hardhats” program to serve as a resource for preliminary orientation, assessment, and construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities, and other needs as identified by the Parties.” (PLA Article 23)

Through the partnership and collaborative efforts of the Project Labor Coordination team with Helmets to Hardhats, the team has helped to successfully jump-start the construction careers of six Helmets to Hardhats veterans on the Pure Water program.



55

Total veterans across all PLA covered Pure Water Phase 1 Projects



5%

Percentage of veterans employed by hours across all PLA covered Pure Water Phase 1 Projects



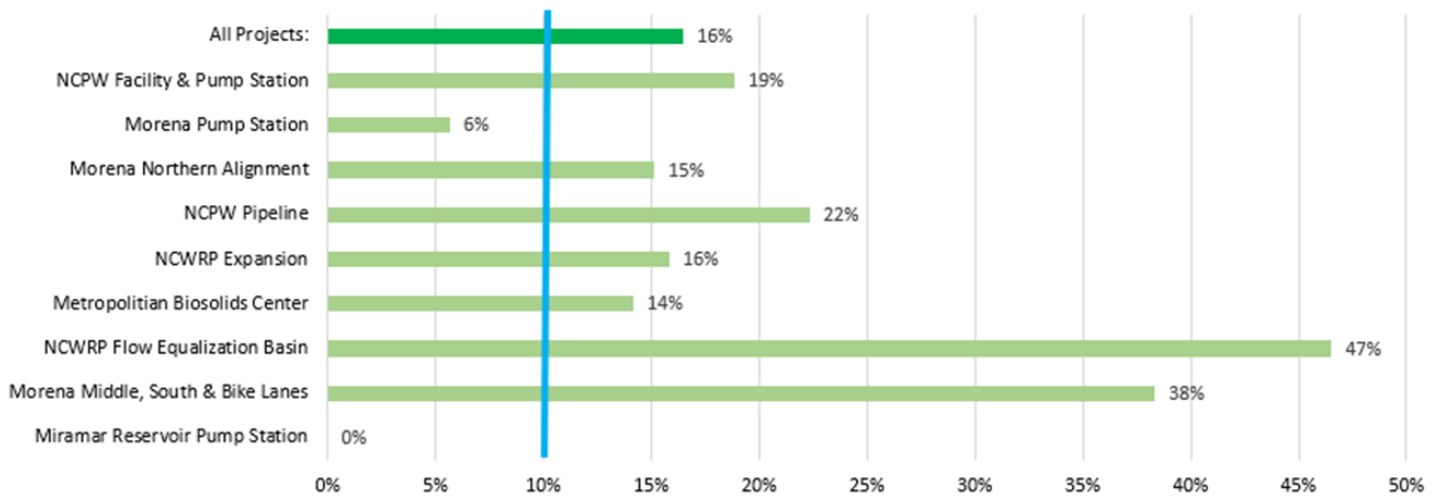
30,647

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

Targeted Worker Hiring

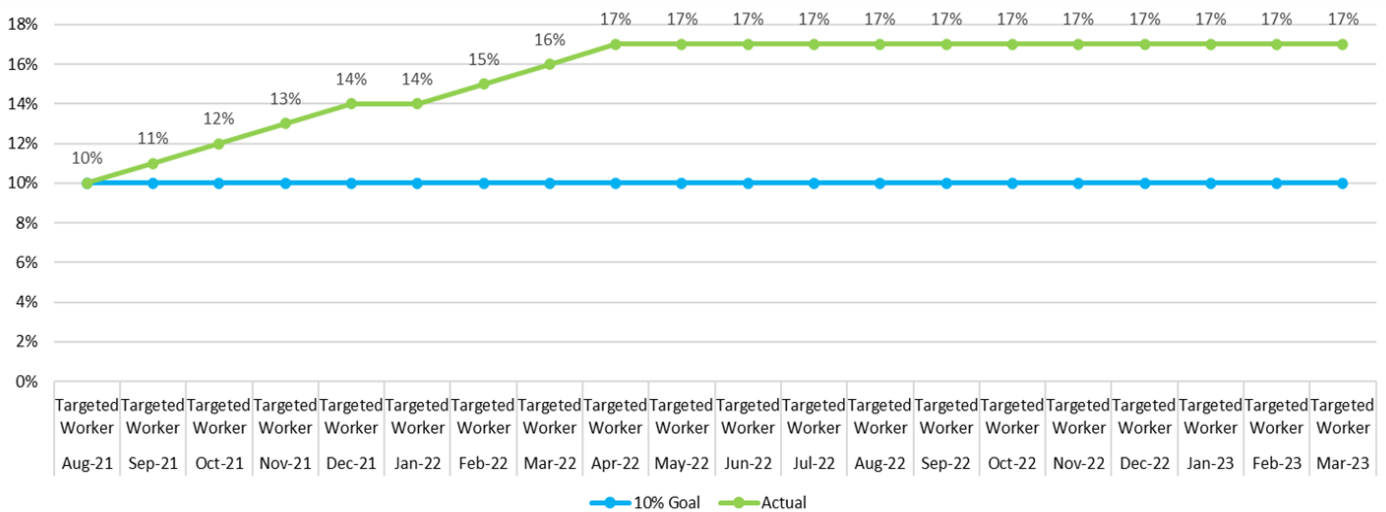
The PLA establishes a goal that at least 10% of the total construction craft hours worked on each project be performed by Targeted Workers. The City of San Diego's Pure Water Phase 1 program has exceeded the 10% goal with 16% of all craft workers being performed by Targeted Workers.

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.”

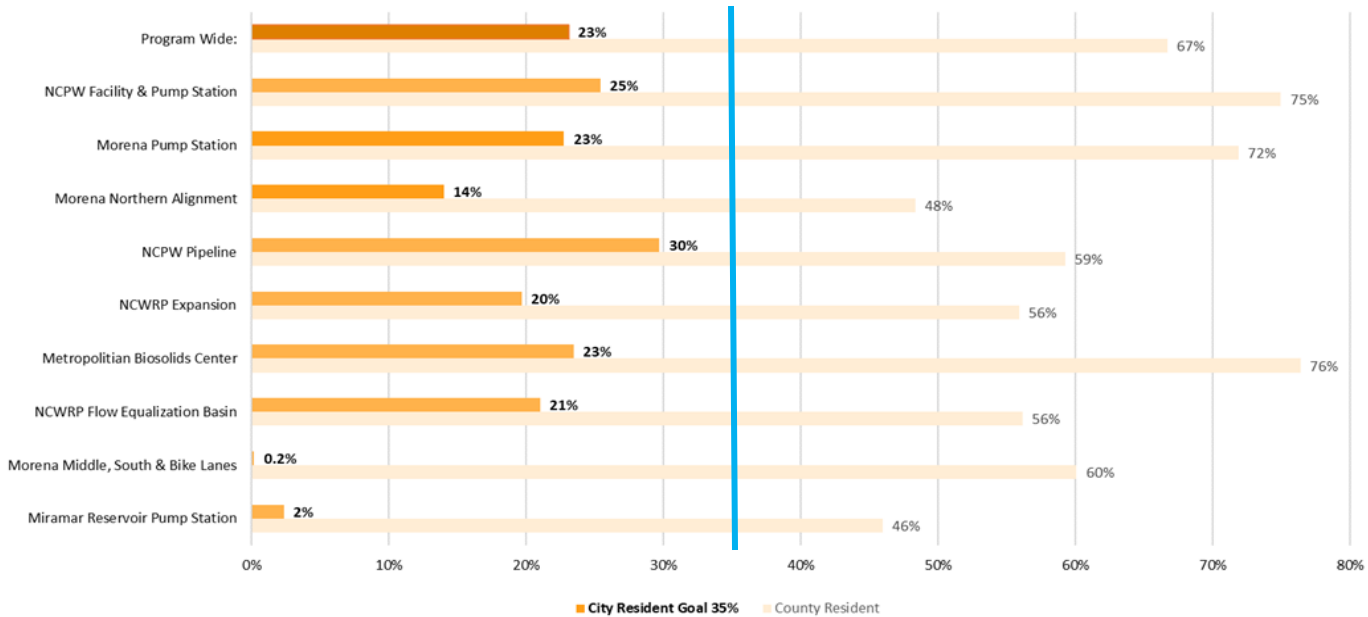
Pure Water Program Wide Targeted Worker Hire Trend Chart



City Resident Worker Hiring

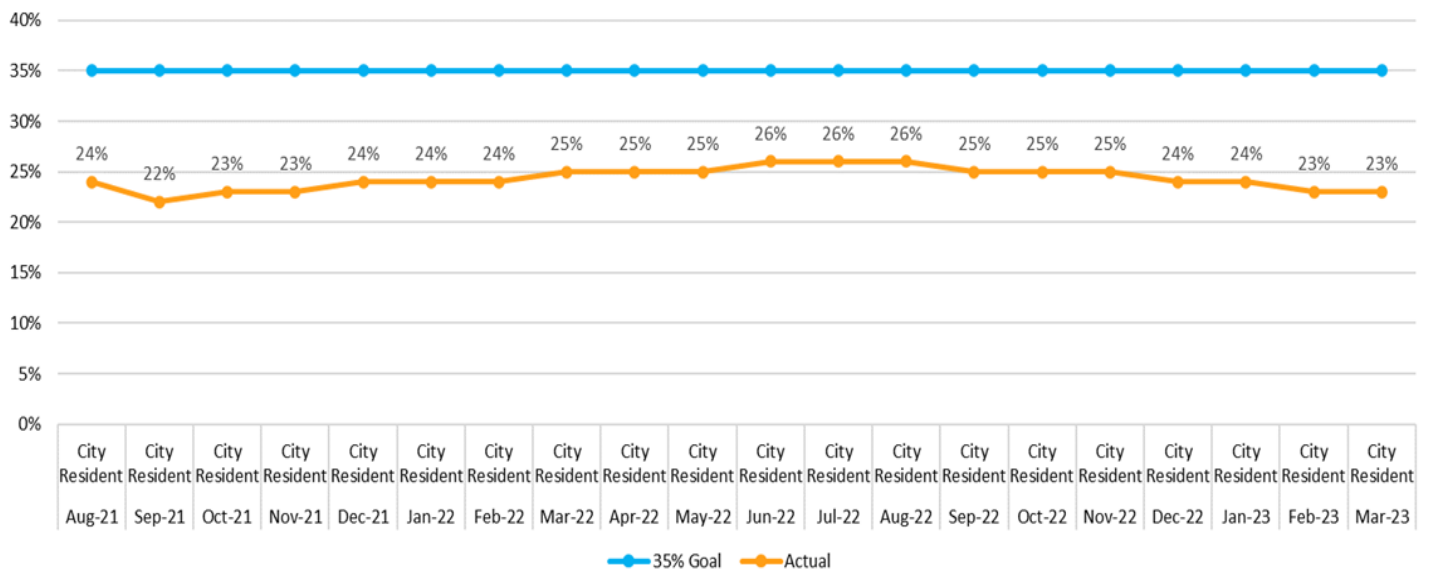
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents. Nearly 25% of the construction craft hours worked on the Pure Water Phase 1 program are by City Residents.

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



OUR PROGRESS

Building on Shared Goals

Economic Impact

\$10,000,636

City Resident Wages and Benefits Earned

City Residents received approximately **\$10 million in wages and benefits** and worked 142,655 hours on Pure Water Phase 1 PLA covered projects.

\$6,255,900

Targeted Worker Wages and Benefits Earned

Targeted Workers received approximately \$6.2 million in wages and benefits and worked 101,853 hours on Pure Water Phase 1 PLA covered



City Residents

employed on Pure Water Phase 1 PLA covered projects

466



Targeted Workers

employed on Pure Water Phase 1 PLA covered projects

244

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%).



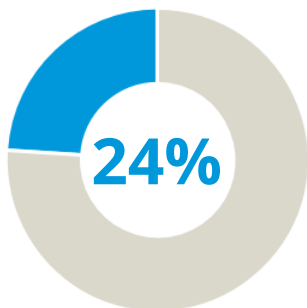
Morena Pump Station

112

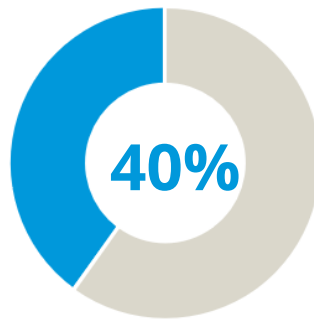
City Residents were employed as apprentices on the Pure Water Phase 1 PLA covered projects

123

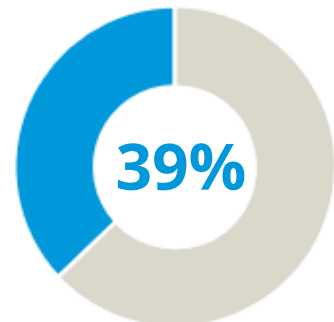
Targeted Workers were employed as apprentices on the Pure Water Phase 1 PLA covered projects



24% of all **Program Hours** worked were apprentice hours



40% of all apprenticeship hours were worked by **Targeted Workers**



39% 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.	16
Morena Northern Alignment & Tunnels	OHL USA, Inc.	9
Morena Conveyance South, Middle & Bike Lanes	Sukut Construction	2
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	2
NCWRP Expansion	Kiewit Infrastructure West	8
NCPW Facility & Pump Station	Shimmick Construction	10
NCPW Pipeline	W.A. Rasic Construction	10
Miramar Reservoir Pump Station	Shimmick Construction	5
Metropolitan Biosolids Center	PCL Construction	5
GRAND TOTAL:		75

75

Pre-Job Conferences
were held through March 31, 2023