

Mateo Simon

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SUMMARY

Associate Civil Engineer with 5 years and 4 months of progressively responsible experience through October 2026, supporting water, recycled water, and municipal utility infrastructure. California **Civil Engineer PE** with hands on ownership of pipeline, pump station, reservoir, distribution, and customer connection projects from planning and design through bidding, construction administration, inspection, acceptance, and closeout. Prepares plans, specifications, schedules, engineer's estimates, bid documents, and contract materials. Supports hydraulic analysis, **development review, regulatory compliance**, operations and maintenance, **water supply reliability**, budgets, consultant agreements, change orders, progress payments, shop drawings, RFIs, and field issue resolution. Coordinates consultants, contractors, developers, regulators, operations teams, senior leaders, and public stakeholders. Guides engineering technicians through assignments, deliverable reviews, coaching, and performance input. Brings practical judgment that supports safe construction, dependable utility service, and clear project decisions.

EXPERIENCE

Associate Civil Engineer, Water Resources

January 2025 - Present

Central Valley Waterworks

Fresno, California

Leads recycled water pipeline and facility improvements, supporting capital delivery, **utility operations**, development review, construction administration, and technician development across concurrent municipal projects.

- Developed recycled water plans, **specifications**, estimates, schedules, and bid packages for facility improvements.
- Coordinated consultants, **operations staff**, budgets, milestones, and construction sequencing across concurrent capital projects.
- Reviewed **shop drawings** and RFIs, issued clarifications, and resolved field conditions during construction.
- Administered consultant and construction agreements, **change orders, progress payments**, and closeout records.
- Reviewed development plans for utility connections, hydraulics, materials, easements, and applicable requirements.
- Guided two engineering technicians through assignments, deliverable reviews, coaching, and performance input.

Civil Engineer II, Water Infrastructure

September 2023 - December 2024

Sierra Municipal Engineering

Bakersfield, California

Managed water distribution, pump station, and storage facility improvements through design, bidding, construction coordination, acceptance, and technical support for operations and maintenance teams.

- Managed water distribution improvements involving pipelines, pump station components, and storage facilities through acceptance.
- Prepared CAD plans, specifications, cost estimates, **schedules**, and **bid documents** for municipal projects.
- Coordinated design reviews with operations staff, consultants, **contractors**, and regulatory representatives.
- Interpreted **plans and specifications**, answered contractor questions, and documented change recommendations.
- Analyzed compliance, budget, and maintenance data using **MS Excel** and Access for project decisions.
- Resolved developer and internal inquiries using utility standards, **hydraulic principles**, and clear technical communication.

Assistant Civil Engineer, Municipal Utilities

June 2021 - August 2023

Delta Infrastructure Partners

Stockton, California

Produced municipal water and recycled water design packages, supported construction observation, and advanced from supervised assignments toward independent project delivery and field resolution.

- Produced water and recycled water packages with alignments, **details**, quantities, estimates, specifications, and schedules.
- Applied **hydraulic principles** to distribution designs and documented assumptions for senior engineer review.
- Performed **construction** observations and inspections, documenting **materials**, testing, compliance, and corrective actions.
- Reviewed contractor submittals and **RFIs**, then developed technical responses against approved plans.
- Supported consultant coordination, bid tabulation, budget tracking, and **progress payments** using Microsoft applications.
- Advanced from supervised design assignments to independent packages and field issue resolution.

PROJECTS

Recycled Water Reliability Program 📅 2026

Reliable service starts with decisions made before construction. Developed coordinated pipeline and facility improvement packages supporting water supply reliability, constructability, operations input, bidding, and field delivery.

Municipal Distribution Improvement Portfolio 📅 2024

Small utility decisions shape daily service. Managed design support for pipelines, pump station components, and storage facilities, connecting hydraulic principles, CAD documents, budgets, reviews, and acceptance.

LEADERSHIP & AWARDS

- California Civil Engineer PE registration earned in 2025 after progressive municipal water engineering experience.
- Selected as technical lead for concurrent recycled water capital projects and cross functional delivery coordination.
- Trusted to guide two engineering technicians through assignments, reviews, coaching, and performance input.

EDUCATION

Bachelor of Science in Civil Engineering
California State University, Fresno GPA: 3.5
Coursework: Hydraulic Principles, Water Resources Engineering, Environmental Engineering, Structural Analysis

2021
Fresno, California

CERTIFICATIONS

- California Civil Engineer PE 2025
- California Water Distribution Operator D2 2024

TECHNICAL SKILLS

- **Civil Design Software:** CAD, plan production, design details
- **Microsoft Office:** Outlook, Word, PowerPoint, Excel
- **Database Applications:** Access, compliance data, maintenance data
- **Water Infrastructure:** Recycled water pipelines, pump stations, reservoirs
- **Hydraulic Engineering:** Hydraulic principles, distribution systems, utility connections
- **Contract Documents:** Specifications, bid documents, contract materials
- **Cost and Schedule Control:** Engineer’s estimates, budgets, schedules
- **Construction Administration:** Shop drawings, RFIs, change orders
- **Inspection and Testing:** Special inspections, final inspections, material testing
- **Regulatory Review:** Development review, state requirements, local standards
- **Project Delivery:** Planning, design, bidding, construction, acceptance
- **Utility Operations:** Operations support, maintenance priorities, supply reliability

SKILLS

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|-------------------------------|--------------------------------|----------------------------|-------------------------------|
| • Water Resources Engineering | • Hydraulic Principles | • Plans and Specifications | • Construction Administration |
| • Recycled Water | • Capital Improvement Projects | • Cost Estimates | • Shop Drawing Review |
| • Water Distribution | • Project Management | • Construction Contracts | • Regulatory Compliance |
| • Utility Design | • CAD | • Bidding | |

PROFESSIONAL AFFILIATIONS

- Professional collaboration with water operations teams, consultants, contractors, developers, and regulatory representatives.
- Ongoing service to municipal infrastructure delivery through practical coordination, clear documentation, and shared project accountability.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST