

DESIGN, REVIEW AND/OR CERTIFICATION STORM WATER TREATMENT MEASURES AND HYDROMODIFICATION CONTROL FACILITIES

REQUEST FOR QUALIFICATIONS
AUGUST 16, 2024

Prepared by:



Prepared for:



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INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) is pleased to submit this statement of qualifications of our California-licensed professional civil engineers to design, review, and/or certify stormwater treatment measures and hydromodification control facilities.

Contact Information:

Geosyntec Consultants, Inc.
1111 Broadway, 6th Floor
Oakland, CA 94607
Telephone: 510-836-3034

Year Established: 1983

Primary contact: Mike Rudd, P.E. 510-285-2724
mrudd@geosyntec.com

Secondary contact: Rinta Perkins, 510-285-2762
rinta.perkins@geosyntec.com

FIRM BACKGROUND

Geosyntec is a highly respected, top-tier geo-environmental consulting and engineering firm that works closely with public and private sector clients to address complex environmental, natural resources, and civil infrastructure problems. Established in 1983, Geosyntec focuses on bringing value through technical innovation and reliable project execution. Our vision of success builds on a long-held belief that exceptional client service coupled with outstanding project solutions will result in long-term client relationships. We support our client service and solution-oriented approach through an internal culture of technical excellence, collaborative relationships, a shared commitment to core values, and the innovation and practical thinking our staff bring to every assignment. Geosyntec water resources practitioners are renowned for their innovative work in stormwater and surface water quality management, municipal, industrial, and construction stormwater permit compliance, as well as GSI selection, design, and construction management. We offer a comprehensive understanding of technical, practical, and regulatory issues to support clients in making informed stormwater management decisions. Many of Geosyntec's projects in these areas have contributed to setting current industry standards and guidelines. We have developed many hydromodification control and low impact development (LID) BMP design guidance documents and have extensive experience in LID design, construction oversight, and inspection.

GEOSYNTEC KEY QUALIFIED PERSONNEL

This section describes the qualifications and experience of the key staff in Geosyntec's Oakland office, who will be assigned to conduct reviews and inspections. Proof of training for these individuals is included in this Statement of Qualifications in Attachment A.

MIKE RUDD, P.E. – SENIOR PRINCIPAL

Mr. Rudd, Senior Principal, is a licensed civil engineer registered in the State of California. He has 30 years of experience managing complex environmental and civil programs involving scoping, costing, risk evaluation, feasibility studies, permitting, engineering design, construction, and closeout. He has a proven track record of successfully managing green stormwater infrastructure (GSI) implementation projects throughout California by developing innovative designs and cost-effective solutions. For over 25 years, Mr. Rudd has led conceptual through final design and/or managed construction oversight, including GSI, stream restoration, and hydrologic design projects.

Mr. Rudd has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.
- Attended multiple stormwater treatment webinars and lunch presentations, including Porous Technologies (Stormcrete precast porous concrete), Oldcastle (TerraMod and BioPod), and DeepRoot (Silva Cell and Marino Cell).

RINTA PERKINS – PRINCIPAL

Ms. Perkins, Principal, brings 26 years of leadership and technical expertise in environmental compliance, municipal stormwater programs, permitting processes, and strategic funding planning. Her work focuses on program effectiveness evaluation, project and data management, and compliance reports. She has a proven track record in successfully navigating compliance audits for the municipalities, ensuring adherence to permit requirements. Highly regarded by her municipal peers, Ms. Perkins has developed model inspection templates, streamlined plan review processes, checklists, and standard operating procedures for municipal operations. She has actively participated in the Bay Area Municipal Stormwater Collaborative (BAMSC) Steering Committee, Development Committee, and other development-related workgroups. In her current role, she oversees the implementation of countywide activities for the Contra Costa Clean Water Program (CCCWP), including meeting Provision C.3 New Development and Redevelopment requirements.

Ms. Perkins has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.
- SCVURPPP Annual C.3 Workshop on Low Impact Development and Green Infrastructure: Meeting New Requirements, June 9, 2022.

KELLY HAVENS, P.E. – PRINCIPAL

Ms. Havens is a licensed civil engineer registered in the State of California. She has 15 years of experience managing, directing, and serving as a technical advisor for stormwater management and climate resilience projects. Kelly has substantial experience assisting municipalities in complying with the San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit (MRP), especially Provision C.3 (New Development and Redevelopment). Kelly has participated in the Bay Area Municipal Stormwater Collaborative (formerly BASMAA) Development Committee for nine years. She provides management and technical support on projects focusing on urban stormwater management, including stormwater best management practices (BMPs) technical guidance and feasibility studies, stormwater management planning, stormwater BMP sizing and design, stormwater BMP evaluation, NPDES permit and stormwater requirements evaluation and compliance, and water quality and source control studies.

Ms. Havens has attended the following training presentations over the past three years:

- Proceedings of the Annual CASQA Conference. October 2021. Panel Participant: “Advancing Collaborative Approaches to Regional-Scale Stormwater Management.”
- Proceedings of the Annual CASQA Conference. October 2023. Panel Moderator: “GSI Implementation in the San Francisco Bay Area – Challenges and Opportunities for a more Collaborative, Integrated, and Innovative Future.”

MIGUEL PARAMES, P.E., QSP/D – PRINCIPAL

Mr. Parames is a licensed civil engineer registered in the State of California with over 17 years of experience in civil and environmental engineering. His practice areas include hydrology and hydraulics, civil design, erosion and sediment control BMP selection and design, construction management/oversight, post-fire erosion and flood hazard assessments, and NPDES permit compliance. As an expert in hydrologic and hydraulic engineering, Mr. Parames applies his skills to floodplain management (floodplain analysis, inundation mapping, hydraulic structures including bridges, weirs, and spillways); stormwater management (storm drain pipe analysis, open channel conveyance, urban hydrology, and sediment basin design); and watershed management (post-fire hydrology, hydromodification control, and green street infrastructure). He has developed a civil design practice focused on water resource engineering, including projects such as open channel conveyances, culverts, storm drains, sediment basins, road alignments, and grading.

Mr. Parames has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.

HORACIO URIAS, P.E. – PROFESSIONAL ENGINEER

Mr. Urias is a licensed civil engineer registered in the State of California. Mr. Urias has eight years of experience in civil design, green infrastructure (LID) design, creek restoration design, roadway design, drainage and utility design/coordination, construction management, RFI/Submittal documentation, SWPPP Construction Monitoring, QA/QC management, and vendor coordination.

Mr. Urias has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.

DONNIE LAND, JR., P.E. – PROFESSIONAL ENGINEER

Mr. Land is a licensed civil engineer registered in the State of California. He focuses on stormwater management and environmental compliance. He has expertise in hydrologic and hydraulic analysis and the design and implementation of stormwater systems for various industrial and municipal projects.

Mr. Land has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.

ROBERT TAYLOR – SENIOR STAFF

Mr. Taylor has experience reviewing stormwater control and operations and maintenance (O&M) plans, performing stormwater inspections, including on-land trash visual assessments (OVTAs), ensuring CGP stormwater pollution prevention plan (SWPPP) compliance and commercial and industrial MRP compliance, and leveraging geographic information systems (GIS) for analyses and building figures. He is skilled in deploying numerical hydrologic simulations, collecting hydrologic field data, deploying and maintaining scientific instruments, analyzing field data, writing Python scripts to solve technical problems, and preparing reports.

Mr. Taylor has attended the following training presentations over the past three years:

- Contra Costa County Clean Water Program C.3 New and Redevelopment Annual Training Workshop, June 5, 2024.

STATEMENT OF FIRM'S UNDERSTANDING

Urban Stormwater Management Practices, Issues, and Requirements

NPDES permit requirements associated with Phase I municipal stormwater programs and Permittees in the San Francisco Bay area are included in the MRP. The MRP was initially issued to the cities, counties, and flood control districts within the San Francisco Bay Regional Water Quality Control Board (Water Board) Region 2 in 2009 and revised in 2015 and 2019. The current MRP 3.0 permit was issued on May 11, 2022, and became effective on July 1, 2022.

During the MRP adoption hearing on May 11, 2022, the Water Board directed its staff to report back on specific MRP topics, such as incorporating alternative treatment systems or LID measures in Regulated Projects and assessing the impacts, if any, of MRP Provision C.3 Category C Special Project (Affordable Housing) LID credits on housing costs. MRP 3.0 was amended in October 2023 (Order No. R2-2023-0019). Specifically, the revised Order added Provision C.3.c.i.(2)(c)(iii) to allow for the implementation of alternative treatment systems upon a demonstration of the technical infeasibility of LID treatment systems and a demonstration of commensurate benefit, among other requirements. Additionally, the Category C Special Projects Provision was modified to better align with affordable housing projects built in the Bay area by modifying Provision C.3.e.ii.(5)'s method for calculating LID Affordable Housing Credits and related changes.

Our general understanding of the MRP 3.0 Provision C.3 requirements for new development and redevelopment projects is summarized below.

The MRP mandates water quality treatment and flow control requirements for "Regulated Projects." A project is considered a Regulated Project if it creates and/or replaces 5,000 square feet or more of impervious surface collectively over the entire project site. Development is defined as "construction, rehabilitation, redevelopment, or reconstruction of any public or private residential project (whether single-family, multi-unit, or planned unit development); or industrial, commercial, retail or other nonresidential project, including public agency projects." Where a redevelopment project results in an alteration of less than 50 percent of the impervious surface of a previously existing development that was not subject to MS4 Permit requirements, only the new and/or replaced impervious surface of the project must be included in the treatment and flow control system design (i.e., stormwater treatment systems must be designed and sized to treat stormwater runoff from the new and/or replaced impervious surface of the project). If the project adds or replaces more than 50 percent of the existing impervious area, the treatment and flow control requirements apply to the entire site. Certain roadway maintenance, widening, and new roadway projects are now included as Regulated Projects in MRP 3.0. Detached single-family home projects that create and/or replace 10,000 square feet or more of impervious surface (collectively over the entire project site) and are not part of a larger development or redevelopment plan are regulated under MRP 3.0.

Regulated Projects are required to implement source control, site design, and LID treatment control. They are required to treat stormwater runoff from the 85th percentile storm event or

achieve 80 percent or more capture from the Regulated Project's drainage area with LID treatment measures onsite (or with LID treatment measures at a joint stormwater treatment facility). LID treatment measures include harvesting and use, infiltration, evapotranspiration, or biotreatment. Biotreatment systems must be designed to have a surface area no smaller than what is required to accommodate a 5-inch/hour stormwater runoff surface loading rate. The planting and soil media for biotreatment systems must be designed to sustain plant growth and maximize stormwater runoff retention and pollutant removal. Model biotreatment soil media specifications and soil infiltration testing methods have been adopted for these systems.

At the watershed scale, certain land development projects characterized as smart growth or high density can either reduce existing impervious surfaces or create less "accessory" impervious areas and automobile-related pollutant impacts. Incentive LID Treatment Reduction Credits may be applied to these Special Projects, which are Regulated Projects that meet the specific criteria listed in MRP Provision C.3.e.ii.(2). For any Special Project, the allowable incentive LID Treatment Reduction Credit is the maximum percentage of the amount of runoff identified in MRP Provision C.3.d for the Special Project's drainage area that may be treated with one or a combination of two types of non-LID treatment systems (tree-box-type high flowrate biofilters and vault-based high flowrate media filters). Before granting LID Treatment Reduction Credits, permittees must establish infeasibility as described in the permit.

Additionally, MRP 3.0 includes Hydromodification Management (HM) requirements. These apply to projects creating and/or replacing one acre or more of impervious surface unless exempt based on criteria specified in the permit. Various attachments to the MRP define the HM Requirements for the different counties in the Bay Area and provide maps for determining if a project is exempt from HM requirements.

Continuous Simulation Hydrologic Models and Analysis of Output Data

Geosyntec has extensive experience applying continuous hydrologic models to engineering and stormwater management projects. Unlike traditional event-based methods used for flood control, continuous hydrologic modeling more accurately predicts the long-term flow conditions. Traditional flood control methods appropriately address infrequent large storm events to ensure storm runoff conveyance and local scour control for public safety. However, continuous hydrologic modeling is better when addressing a riparian system's long-term physical and ecological processes that are functions of the frequent hydrologic conditions (day-to-day, season-to-season) and, occasionally, infrequent events. Research has shown that continuous hydrologic modeling and analysis of the distribution of runoff (as opposed to analysis of discrete events) is the most appropriate approach to address the effects of hydromodification. Continuous hydrologic modeling can also be used as a more precise tool for sizing treatment control measures to achieve the 80 percent capture of the average annual runoff volume performance goal.

The MRP requires new development and redevelopment projects to manage increases in runoff rates, volume, and duration, where increases from the pre-project condition can cause increased erosion of creek beds and banks. The SCVURPPP HMP identifies flow duration control (FDC) as the preferred method to address the MRP permit requirements. FDC maintains the pre-project

distribution of flows (typically hourly), which, in turn, maintains the distribution of important geomorphically significant flows¹ in the receiving waters and promotes long-term stability. This approach is designed to maintain the existing erosion and sediment transport processes and to protect the receiving waters' physical and ecological characteristics.

Applying the FDC method involves transforming a time series of rainfall (typically 30 years or more of hourly data) into a time series of runoff using the continuous hydrologic model. The time series of runoff is then transformed into a frequency distribution (histogram) and compared between pre- and post-project land development scenarios. The comparison is best accomplished by comparing continuous frequency distribution curves or flow duration curves. These curves and the histograms illustrate the changes in flow rates, volume, and duration between pre- and post-project scenarios.

Designing flow control facilities to match the post-project flow duration curve to the pre-project flow duration curve is the most common management strategy to address hydromodification effects and meet the HM provisions in the MRP. The Bay Area Hydrology Model (BAHM) is a tool developed by SCVURPPP in cooperation with the Alameda Clean Water Program and the San Mateo Countywide Clean Water Pollution Prevention Program to analyze hydromodification and size FDC facilities for new development and redevelopment projects in these three counties.

An alternative HM Standard was included in the updated 2015 MRP in addition to the HM Standard based on FDC. This additional HM standard allows for direct simulation of Erosion Potential (Ep) if the method is submitted to the Water Board for review and is approved by the Executive Officer. Ep is expressed as the ratio of post-project to pre-project “work done” on the creek. Direct simulation of Ep can reduce the level of conservatism for sizing distributed LID BMPs, compared to FDC, and provides a scientifically defensible performance standard for designing in-stream hydromodification control measures via creek restoration.

While on-site flow duration controls have been the most applied method for managing hydromodification, off-site regional controls and in-stream modifications are options for new and re-development projects. All three of these implementation options (i.e., on-site, off-site, and in-stream controls, or a combination thereof) can satisfy the HMP’s stated management objective *not to cause an increase in the erosion potential of the receiving stream over the pre-project (existing) condition*.

Several Geosyntec staff have completed the BAHM 2023 training workshops conducted by Clear Creek Solutions on behalf of the countywide stormwater programs.

¹ Geomorphically significant flows is a phrase that incorporates all important sediment transporting flows, erosive flows, and flows that influence the geomorphic character of the receiving water channel and riparian corridor.

On-Site Third-Party Inspections of Installed Stormwater Treatment Measures

Inspection of installed stormwater treatment measures is essential to ensure adherence to approved plans during construction and proper operation post-construction as part of the long-term operations and maintenance (O&M). During construction, inspections should be conducted by a Qualified Stormwater Pollution Prevention Plan Practitioner (QSP) to verify that the facility was built according to plan and to recommend corrections if needed. Geosyntec has many certified QSPs who provide third-party inspections during the construction phase. These staff are well-versed in construction operations and can effectively communicate with the Resident Engineer (or equivalent) to efficiently remedy any deficiencies.

MRP Provision C.3.h requires permittees to conduct inspections to verify O&M of pervious pavement systems greater than or equal to 3,000 square feet, stormwater treatment measures, and HM measures installed at Regulated Projects. Green Stormwater Infrastructure (GSI) retrofit measures must also be inspected and maintained. MRP permittees must require facility owners to conduct ongoing maintenance (e.g., through a maintenance agreement); prepare and implement a plan for annual O&M verification inspections (including new installations); conduct O&M verification inspections; provide enforcement as needed; track and report on inspections; and have an enforcement response plan to bring facility owners into compliance. Tracking and reporting requirements include an O&M Verification Inspection Checklist and an Annual Report O&M Inspection Table with summary statistics.

Provision C.3.f. (Alternative Certification of Stormwater Treatment Systems) allows permittees to have a third-party review and certify a Regulated Project's compliance with the hydraulic design criteria in Provision C.3.d. This Provision requires permittees to make a reasonable effort to ensure that the third-party reviewer has no conflict of interest regarding the Regulated Project being reviewed. Provision C.3.h.ii.(6)(d) allows Permittees to accept third-party inspection reports for vault-based stormwater treatment systems in lieu of conducting permittee inspections, but only if the third-party inspections are conducted at least annually, which is the normal frequency for maintaining these systems.

Geosyntec's ability to conduct comprehensive inspections and third-party reviews is enhanced by our experience with treatment facility design, construction oversight, inspection, and monitoring. These activities provide our inspectors with additional insight and a broader context for conducting inspections and identifying any deficiencies that need correction to improve performance. The table below lists the selected project experience and the Geosyntec Oakland staff involved in each third-party design review or inspection project.

Client	Project Name	Staff involved	Scope of Project	
			Third-Party Design Review	Inspection of installed treatment measures
Calichi Design Group	Holman Automotive	Mike Rudd	x	
City of Palo Alto	Riconada Park	Mike Rudd Horacio Urias	x	
City of Oakley	On-call Technical Assistance	Mike Rudd Horacio Urias Robert Taylor	x	
City of Oakland	GSI Plan and Guide	Kelly Havens Horacio Urias		x
City of Palo Alto	GSI Plan Implementation	Kelly Havens		x
McCarthy Holdings, Inc.	Rosamond South Solar Facility	Miguel Parames	x	
California Department of Water Resources	Construction Water Quality Support	Miguel Parames	x	x

PROJECT EXPERIENCE IN DESIGN OF STORMWATER TREATMENT AND FLOW CONTROL MEASURES

Geosyntec has extensive experience in the selection, design, and construction of stormwater treatment control measures. Our work spans from developing design guidance and municipal retrofit projects to designing facilities for new development and redevelopment. Geosyntec has created national, state, and local level stormwater technical manuals and guidance. This includes assisting BAMSC (formerly known as BASMAA), Alameda County, Contra Costa County, Santa Barbara County, Los Angeles County, Ventura County, Orange County, and San Diego County with the development of LID standards, feasibility/infeasibility analyses, control measure sizing tools, and implementation guidance documents.

We have also conducted training for municipal staff and the development community on post-construction stormwater management and LID requirements. Geosyntec excels at synthesizing complex regulatory requirements into technical guidance that is understandable and implementable by municipal staff, design practitioners, and construction communities.

Three examples of experience in the design of stormwater treatment and flow control measures (including LID measures) within the past five years are provided below.



SUTTER AVENUE URBAN GREENING, PHASE 1, SAN PABLO, CA

Client: City of San Pablo

Size: 1000 feet of 48-inch elliptical pipe, 24 biofiltration units, ADA ramps and bulb-outs at three intersections

Reference: Amanda Booth, Environmental Program Manager

T: (510) 215-3066 | E: AmandaB@sanpabloca.gov

Geosyntec Staff: Mike Rudd, Kelly Havens, and Horacio Urias

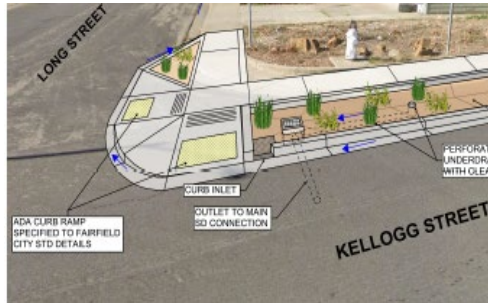
Key Services Provided:

- Pre-design investigation
- Preliminary design and alternative analysis
- Bid document preparation, advertisement support, and construction support
- Support with RAC System compliance unit calculations

Geosyntec is leading a multi-consultant team to assist the City of San Pablo in delivering public outreach, design, and engineering services for the Sutter Avenue GSI project. This project will address ongoing flooding and improve drainage infrastructure, stormwater quality, and

pedestrian-accessible circulation along four blocks in a disadvantaged community. Tasks include utility investigation and coordination, geotechnical investigation, groundwater and subsurface contamination assessment, ADA, pedestrian and parking analysis, hydrologic and hydraulic modeling, grant compliance, and design. Design tasks include preliminary design with alternative analysis, facility sizing, and developing construction plans, specifications, and engineer's estimates for the proposed GSI facilities.

The Project includes installing over 1000 feet of 48-inch elliptical pipe to improve conveyance, 24 biofiltration units to treat urban runoff, and upgraded ADA ramps and bulb-outs at three intersections to enhance pedestrian safety and improve accessible circulation. Geosyntec provided support during advertisement and project implementation. Following on our work developing the Contra Costa County RAC System, Geosyntec is also assisting with the calculation of RAC System compliance units generated through the Sutter Avenue Urban Greening project, including developing a memorandum, participating in negotiation discussions with the Water Board, and considering monitoring options.



**KELLOGG RESILIENCY PROJECT DESIGN,
ENGINEERING, AND PERMITTING PROJECT NO.
4001, SUISUN CITY, CA**

Client: Fairfield Suisun Sewer District

Size: \$1,040,000

Reference: Irene O'Sullivan, P.E., Engineering Manager

T: (707) 428-9139 | E:

iosullivan@FairfieldSuisunSewer.ca.gov

Geosyntec Staff: Mike Rudd, Kelly Havens, and Horacio Urias

Key Services Provided:

- Pre-design investigation
- Preliminary design and alternative analysis
- Bid document preparation, advertisement support, and construction support
- Support with RAC System compliance unit calculations

Geosyntec is leading a multi-consultant team to develop Phase II of the Kellogg Resiliency Project, which is envisioned as a neighborhood-based combined GSI and climate resilience solution that will provide flood protection, improve stormwater infrastructure in the project vicinity, and provide water quality treatment

compliant with the MRP. The Fairfield Suisun Sewer District received funds through a grant from the California State Water Resources Control Board for the design and construction of the project. The nature-based solution will benefit the census-designated disadvantaged community directly adjacent to the project site and provide wider-reaching climate resilience benefits for residents and businesses in Downtown Suisun City. Phase II of the Kellogg Project entails updating a previous 30% design plan set and developing 50%, 95%, and 100% plans, specifications, and estimates (PS&E) and bid documents. As part of the project, Geosyntec conducted pre-design studies, including a geotechnical investigation and report, a hydrologic model, and alternatives analyses for the flood resilience solution, and managed a subconsultant performing surveying. Geosyntec is delineating right-of-way (ROW) drainage areas for GSI, selecting GSI types that work best for the available neighborhood ROW sites, and sizing GSI compliant with the MRP. ROW GSI installed through the project is intended to be used for Solano Stormwater Alliance MRP Provision C.3.j GSI numeric retrofit requirements. Geosyntec is also assisting the Fairfield Suisun Sewer District with outreach to the local community to present on the proposed project. The Kellogg project is a fast-paced project due to grant funding timing constraints. After kicking off in March 2024, Geosyntec is on track to complete the pre-design studies, 30% - 100% PS&E, and bid documents by January 2025 to meet funding schedules.



PALOMAR TRANSFER STATION STORMWATER TREATMENT IMPROVEMENTS, SAN DIEGO, CA

Client: Republic Services

Size: N/A

Reference: Jordana Bjorkman, Environmental Manager, Republic Services

T: (657) 243-4335 | E: jbjorkman@republicservices.com

Geosyntec Staff: Miguel Parames, Donnie Land

Key Services Provided:

- Geotechnical Investigation
- Civil Grading & Drainage Design
- Land Surveying
- Plans, Specifications, & Estimates
- SWPPP Support
- Permitting Support
- Bid & Construction Support
- Construction Management at Risk (CMAR)
- Value Engineering

The Palomar Transfer Station (PTS/Facility) in San Diego, California, experienced pollutant exceedance for industrial stormwater runoff under the Industrial General Permit (IGP). The Facility installed interim Best Management Practices (BMPs) such as insert or sock filters but had little to no success. The Facility operators were subject to a Clean Water Act citizen suit, so the PTS counsel sought out Geosyntec for expert support during settlement negotiations. The negotiations resulted in a Consent Decree where PTS agreed to meet the IGP Numeric Action Levels (NALs) and additional Water Quality

standards. Geosyntec's initial scope of services was to evaluate structural treatment BMP alternatives and conduct a feasibility assessment to meet the Consent Decree numeric levels. Following the BMP alternatives analysis and feasibility assessment, a comprehensive, multi-unit process Active Treatment System (ATS) was identified as a feasible option.

Geosyntec and the client outlined an implementation schedule that included a treatment pilot study, design, permitting, contractor bidding, and installation of a long-term stormwater ATS. Geosyntec performed a geologic site reconnaissance to assess site soils for suitability as subgrade for above-ground equipment pads, with findings summarized in a Draft and Final Geotechnical Memorandum. In parallel, Geosyntec subcontracted a licensed surveyor to provide a topographical survey to assist in the proposed design. Following the geotechnical investigation and survey completion, Geosyntec developed a final design to treat the Facility's industrial stormwater runoff including meeting hydromodification requirements. Geosyntec developed construction documents, drainage report, Engineer's Cost Estimate, Stormwater Quality Management Plan (SWQMP), structural calculations, and other supporting permit documents for grading and building permitting. Following permit issuance, Geosyntec was hired as the Construction Manager at Risk (CMAR) and developed bid documents for bid solicitation. Following contractor award, pre-construction activities included procurement, obtaining insurance, and developing a Health and Safety Plan. During construction, Geosyntec was responsible for daily safety tailgates, weekly construction progress meetings, completing daily field reports, and performing construction quality assurance.

STATEMENT OF COMMITMENT

Geosyntec is committed to supporting the SCVURPPP and wishes to be included on the Qualified Consultant List. Due to our experience with both public services and the private sector/developers, we believe that we can provide services that greatly benefit SCVURPPP. We have sufficient staff to provide timely and responsive service to requests.

APPENDIX A

The Contra Costa Clean Water Program
presents this

Certificate of Completion

to

Mike Rudd

For successfully completing

**The C.3 New and Redevelopment
Annual Training Workshop**

Conducted on **June 5th, 2024**



CONTRA COSTA
CLEAN WATER
PROGRAM

A handwritten signature in black ink that reads "Erin Lennon".

Erin Lennon, CCCWP
Training Coordinator

The Contra Costa Clean Water Program
presents this

Certificate of Completion

to

Rinta Perkins

For successfully completing

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CONTRA COSTA
CLEAN WATER
PROGRAM

A handwritten signature in black ink that reads "Erin Lennon".

Erin Lennon, CCCWP
Training Coordinator

From: [April Krieg](#)
To: [Kelly Havens](#)
Subject: Registration Confirmed - CASQA 2023 Annual Conference
Date: Monday, July 10, 2023 1:50:17 PM

You don't often get email from april@aprilkrieg.com. [Learn why this is important](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. If you have any suspicion, please confirm with the sender verbally that this email is authentic. If you suspect fraud, click "Phish Alert Report."



Dear Kelly,

Your registration has been confirmed. Please save this email for future reference.

Event: CASQA 2023 Annual Conference

Attending: Kelly Havens

Number in Party: 1

Time: 8:00 AM

Date: September 11, 2023

Confirmation Number: 74NW45GB85W

Registration Information

Kelly Havens

Primary Speaker/Panelist - Full Conference Pass (CASQA Member)

Questions

Dietary Request

No Dietary Request

I understand (1) Networking Event Ticket is *included* with my Full Conference Pass. Additional tickets below are only for guest.

Yes

[Print the invoices](#)

[View or modify your registration](#)

We look forward to seeing you there.

Sincerely,

April Krieg

april@aprilkrieg.com

Your payment for the CASQA 2023 Annual Conference event has been successfully processed. Please save this email for your records.

Transaction Information

Item	Transaction Information	Quantity	Amount
Primary Speaker/Panelist - Full Conference Pass (CASQA Member)	\$690.00	1	\$690.00
Transaction Total			\$690.00

Registration Confirmation Number: 74NW45GB85W

[View your registration](#)

If you have any questions about this transaction or email, please contact April Krieg directly at

The Contra Costa Clean Water Program
presents this

Certificate of Completion

to

Miguel Parames

For successfully completing

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CONTRA COSTA
CLEAN WATER
PROGRAM

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Erin Lennon, CCCWP
Training Coordinator

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Horacio Urias

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Donnie Land

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Training Coordinator

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Rob Taylor

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Annual Training Workshop**

Conducted on **June 5th, 2024**



CONTRA COSTA
CLEAN WATER
PROGRAM



Erin Lennon, CCCWP
Training Coordinator

First Name	Last Name	Company
Larry	Abatiell	Hydro International
Eslam	Abdelbasset	ERM, Inc.
Rita	Abellar	Orange County Public Works
Jon	Abelson	Stantec
Genel	Abordo	Mikhail Ogawa Engineering
Ian	Adam	Fusco Engineering, Inc
Christopher	Adkison	Geosyntec Consultants
Nabiul	Afrooz	State Water Resources Control Board
Sara	Afshar	MOE
Angel	Aguilar	Caltrans
DYLAN	AHEARN	Herrera, Inc
Paul	Ahn	SCE
Nabih	Akar	LA Sanitation and Environment
Nabih	Akar III	City of LA, LA Sanitation and Environment
Angel	Alay	Michael Baker International
Carlos	Aldape	City of Los Angeles - Sanitation & Environment
David	Alderete	Water Programs at Sacramento State
Kim	Aldrich	Lennar
Eileen	Alduenda	Council for Watershed Health
Eileen	Alduenda	Council for Watershed Health
Lee	Alexanderson	Los Angeles County Public Works
Jao	Alihan	Michael Baker International
Vaikko	Allen	Contech Engineered Solutions
Eric	Allosada	Island Storm Drain Maintenance
Lisa	Allosada	Island Storm Drain Maintenance
Katherine	Altobello	San Diego County Regional Airport Authority
Bryant	Alvarado	Larry Walker Associates
Anthony	Alvarado	Lennar Homes
Reed	Alvarado	WSP USA, Inc.
Casey	Alver	Pacific Gas & Electric Company
Khalid	Alvi	Paradigm Environmental
Dominick	Amador	Woodard & Curran

Kalen	Bjurstrom	Pacific Gas & Electric Company
Avery	Blackwell	Geosyntec Consultants
Christopher	Bland	Public Works - SB County
John	Bliss	SCI Consulting Group
Donna	Bloom-Crook	HDR
Kaylin	Boeckman	Geosyntec Consultants
Dragomir	Bogdanic	California Department of Transportation
Reid	Bogert	City/County Association of Governments of San Mateo County
Michael	Bomar	Tetra Tech
Courtney	Bonilla	Michael Baker International
Richard	Boon	Riverside County Flood Control and Water Conservation District
Amanda	Booth	City of San Pablo
Annie	Bostre-Le	City of Temecula
Richard	Bottcher	WSP USA Water Group
Jordan	Bottorff	Tesla Inc
Melissa	Bouchard	Geosyntec Consultants
Kendra	Boutros	Valley Water
Ben	Bowes	Paradigm Environmental
Pamela	Boyle Rodriguez	City of Palo Alto
Kathy	Brantingham	Pre-Con Products
Malachi	Bray	Titan Environmental
Seva I.	Bray	Applied Polymer Systems, Inc.
Alicia	Brenner	BTConsulting, Inc.
Inez	Bretado	NV5
Eugene	Bromley	US EPA
Amy	Broughton	Stantec
Shannon	Brown	Dudek
David	Brown	City of Sparks
Cameron	Brown	CULTEC
Paige	Brue	Watershed Progressive
Lindsay	Bruns	Michael Baker International
Trent	Buchanan	Central Coast Regional Water Quality Control Board
Ranee	Buck	Lane Enterprises LLC

Michelle	Bull	Florida Dept of Environmental Protection
Howard	Bunce	Marin Countywide Stormwater Pollution Prevention Program
Summer	Bundy	Stantec, Inc.
Patrick	Burch	WV DEP
Richard	Burgi	City of Chico
Jeremy	Burns	WSP
Annabelle	Burruss	Port of San Diego
Kimberly	Buss	Orange County Public Works
Melissa	Buttin	Herrera Environmental Consultants
Jose	Calderon	WSP
Jacob	Callahan	PG&E
Michael	Callen	City of Redding
Nikki	Campbell	BTConsulting, Inc.
Doug	Campbell	City of San Diego
Jim	Campos	Ferguson Waterworks
Remi	Candaele	Q3 Consulting
Cade	Cannedy	Climate Resilient Communities
Chris	Carandang	Paradigm Environmental
Evan	Cardenas	Tesla
Elizabeth	Cargay	Town of Windsor, Public Works Dept.
Corey	Carpenter	EKI Environment & Water, Inc.
Laura	Carpenter	Brown and Caldwell
Kevin	Carr	Port of San Diego
Amanda	Carr	Orange County Public Works
Robert	Carr	Downstream Services
Rob	Carson	MCSTOPPP
Stephen	Carter	Paradigm Environmental
Charlie	Carter	StormTrap
Julie	Carver	City of Pomona
Lauren	Case	Geosyntec Consultants
Sean	Casey	City of Santa Maria
Jason	Cashman	Port of Stockton
Jessica	Cassman	Blue Ocean Civil Consulting

TRAVIS	CLARK	Tetra Tech
Kyle	Clouthier	Weston Solutions
mike	coates	Ecoraster
Bruce	Coe	XERXES
Dayne	Coffman	Storm Water Inspection & Maintenance Services (SWIMS)
Maia	Colyar	Geosyntec Consultants
Cesar	Comparan	HydroCompliance
Amy	Comte	TRC
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Gary	Conley	2NDNATURE
Edward	Conti	EKI Environment & Water, Inc.
Samantha	Contreras	City of Montclair
Joe	Cooley	Faircloth Skimmer
Dawn	Cooper	Geosyntec Consultants, Inc
Paige	Copenhaver	COUNTY OF SAN DIEGO
Lucy	Cortez-Johnson	Southern California Edison
Emily	Corwin	Fairfield-Suisun Sewer District
Jennifer	Coryell	Hazen and Sawyer
Lynn	Coster	Central Valley Regional Water Quality Control Board
Anthony	Cotts	Rick Engineering Company
Christopher	Coulter	SCI Consulting Group
Jennifer	Court	GHD
Brendan	Coyne	Clear Creek Systems, Inc.
John	Craig	Paradigm Environmental
Oliver	Cramer	City of Santa Clarita
Edward	Cristobal	Brentwood Industries
Chris	Crompton	Michael Baker International
Andrea	Crumpacker	Stantec
Derek	Crutchfield	City of Vallejo
Erica	Cruz	Brown and Caldwell
Daniel	Cruz	Max Auto Bid
Michael	Cullinane	SWT Engineering
Brian	Currier	OWP at Sacramento State

Ashley	Driscoll	Bancroft Construction Services
Ethan	Driscoll	Bancroft Construction Services
Jeanne	Duarte	Storm Water Resources
Alexandra	Dubrook	Contech Engineered Solutions
Maxwell	Dugan	Geosyntec Consultants
Jason	DuMond	Mikhail Ogawa Engineering
Richard	Dunbar	Oakridge Landscape, Inc.
Dan	Duncan	City of Santa Clarita
Kevin	Dunn	Orange County Public Works
Mary-Beth	Dunn	Pre-Con Products
Shauna	Dunton	Lotus Water
Scott	Durbin	Lotus Water
Robert	Dusenbury	Lotus Water
Tony	Dwire	Paradigm Environmental
Gary	Eaton	SF&B Engineering, Inc.
Darcy	Ebentier McCargar	WSP USA Environment & Infrastructure, Inc.
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Mehran	Ebrahimi	GSI Environmental Inc.
Kristopher	Eckert	City of San Diego
Carson	Edgington	Rick Engineering Company
Ryan	Edgley	Paradigm Environmental
Keith	Elliott	KLE Storm Water Consulting Services
Eric	Elmore	Rick Engineering
Jeff	Endicott	CASC Engineering and Consulting
Garth	Engelhorn	NV5
Neil	Erickson	Contech Engineered Solutions
Marsha	Erickson	University of California Davis
Jennifer	Erler	Ground Service Technology
Jared	Ervin	Geosyntec Consultants
Arturo	Estrada	Emerald Site Service
Bryn	Evans	Dudek
Michelle	Evans	ETIC
James	Evans	WSP USA E&I

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Cynthia	Gabaldon	CG Resource Management and Engineering, Inc.
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Oliver	Galang	Craftwater Engineering
Kyle	Gallup	Michael Baker International
Patrick	Galvin	GSI ENVIRONMENTAL
Paul	Gamarra	Jacobs
Justin	Gamble	City of Oceanside
Brett	Gamble	San Diego Gas & Electric
Joe	Gannon	Clear Creek Systems, Inc.
Shannon	Garcia	Pre-Con Products
Nancy	Gardiner	Haley & Aldrich, Inc.
Cathleen	Garnand	County of Santa Barbara
Russell	Garrison	Bethel Engineering
Ashley	Gaskell	Ahtna
Moriah	Gaynor	City of San Diego
Eric	Gentry	COUNTY OF SAN DIEGO
Jessica	Gerhardt	Tetra Tech
Thais	Giacomet	StormTrap
Catherine	Giesenhausen	Engineering Analytics, Inc
Mike	Gillette	Advanced Drainage Systems, Inc.
Tae Uk	Gim	Los Angeles County Public Works
Charles	Ginsberg	WSP USA Environment & Infrastructure, Inc.
Paul	Glenn	GHD
Lauren	Godinez	Geosyntec Consultants
Kimberly	Goins	Geosyntec
Johnny	Goldhamer	Paradigm Environmental
Mark	Goldsmith	EnviroCert International, Inc.
Jada	Golland	HDR Engineering, Inc.
Abigail	Gomez	City of Jurupa Valley
Itzel	Gomez	City of San Pablo
Jennifer	Gomez	Orange County Sanitation District
Fred	Gonzalez	Los Angeles County Public Works

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Sinan	Habeeb	Villa Civil
Shawn	Hagerty	Best Best & Krieger LLP
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Daneh	Haj Manouchehri	ERM ----Holiday Gift Card Drive
Cornelis	Hakim	California Department of Transportation
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Damaris	Han	City of Santa Clara
Tony	Hancock	Black & Veatch
Mike	Hannah	Enviropod, Inc.
Kathryn	Harrel	CWE
Eric	Harrington	Excel Engineering
Andre	Harris	City Of Los Angeles - Sanitation
Will	Harris	Enviropod, Inc.
Jim	Harry	City of San Diego
Nathan	Hart	Seattle Public Utilities
Paul	Hartman	Larry Walker Associates
Nate	Hasal	GSI Environmental, Inc.
Sean	Hasan	Contech
Sean	Hasan	Contech
Sumer	Hasenin	City of San Diego
Carlee	Hasenin Rohr	RICK Engineering Company
Brendan	Hastie	Rick Engineering Company
Kelly	Havens	Geosyntec Consultants
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Jillian	Haynes	City of San Diego
Dan	Haynosch	Youngdahl Consulting Group
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Laura	Heilman	ACO, Inc.
Michal	Helman	WSP USA, Inc.

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Chad	Helmle	Craftwater Engineering
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Annalia	Henderson	Palos Verdes High School
Lyndsey	Henderson	Verux, Inc.
Eric	Hengesbaugh	Rick Engineering Company
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Kimberly	Henry	WSP
Sultan	Henson	County of San Mateo
Christian	Herencia	WSP - USA
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Karin	Hickey	
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Kelly	Hollman	Geosyntec Consultants
Ryan	Holman	Stormwater Biochar LLC
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Sheila	Holt	Weston Solutions, Inc.
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Erika	Horn	Reign Source
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Noah	Johnson	SOLV Energy
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Rebecca	Kaliff	Paradigm Environmental
Vicki	Kalkirtz	City of San Diego
Kurt	Karikka	Lennar
Prasad	Kasturi	Kimley Horn
Lisa	Kay	NV5
Austin	Kay	NV5
Ryan	Kearns	Riverside County Flood Control and Water Conservation District
Alisa	Keenan	Sonoma County - Permit Sonoma
Dakota	Keene	Office of Water Programs
Jason	Keesler	Enviropod, Inc.
Rachael	Keish	Keish Environmental
Ryan	Kennedy	Geosyntec Consultants Inc.
Shawn	Kenney	Woodard & Curran
Audrey	Ketcham	Fusco Engineering, Inc
Madeline	Khair	City of Sunnyvale
Jean	Kim	City of Victorville
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Shaun	Knoop	Rain Event Tracker
Micah	Knox	Santa Ana Community College
Jordan	Koga	Charles Abbott Associates, Inc.
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Nick	Kollerer	SFB Engineering
Tatiane	Komrij	Paradigm Environmental
Carol	Kontonickas	Office of Water Programs - CSUS

Sean	Maguire	State Water Resources Control Board
Bryan	Mahoney	City of Sacramento
Erin	Maker	City of Carpinteria
Charles	Malaniak	LKQ Corp.
Zahra	Maleki	Geosyntec Consultants, Inc.
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Amy	Margolis	Weston Solutions
Matthew	Marientes	City of San Diego
Stephen	Marsh	Excel Engineering
Nehemiah	Martinez	Mikhail Ogawa Engineering, Inc. (MOE)
Nick	Martinez	Clear Water Services
Randy	Marx	Sacramento State, Office of Water Programs
Sarah	Mass	Haley & Aldrich
Mackenzie	Matheson	Verux, Inc.
Sandy	Mathews	Larry Walker Associates
Luke	Matteson	StormTrap
Christopher	Mattox	Rick Engineering Company
Michelle	Mattson	Weston Solutions, Inc.
Miroslava	Maue	Fusco Engineering, Inc.
Hunter	Maul	The Land Stewards
James	Mayer	Pre-Con Products
Jennifer	Maynard	Project Design Consultants, a Bowman Company
Harry	Mayo	City of Victorville
Claudia	Mayo	Sonoma State University
Lissett	Mayorga	City of Manteca
Joe	McCadden	ETIC
Katie	McCoy	Kennedy/Jenks Consultants, Inc.
Katie	McCoy	Kennedy Jenks
Gary	McCue	TRC
Gary	McCue	TRC
Erin	McDannold	City of Los Altos
Ryan	McDowell	Michael Baker International
Kris	McFadden	City of San Diego

Andrew	McGann	Geosyntec Consultants
Chelsea	McGimpsey	San Diego County
Kathleen	McGowan	McGowan Consulting
Scott	McGowen	Micheal Baker International
Navy	McKee	San Diego State University
Melissa	McKinney	EnviroCert International, Inc.
Allison	McLaughlin	City of Carlsbad
Robert	McLean	OC Public Works
Sean	McNeil	City of Santa Rosa
Larry	McNeil	California Cascade Building Materials
Mike	McVeigh	FODS
Peter	Meier	City of Lake Forest
Gerardo	Mendez	4Creeks, Inc.
April	Mendez	Greenprint Partners
Eduardo	Menjivar	ACO, Inc.
Dave	Mercier	Michael Baker International
Chris	Mershon	Greater Los Angeles County Vector Control District
Christina	Merten	Herrera Environmental Consultants
Alex	Messina	WSP USA
Kaena	Meyer	Emerald Site Service
Jack	Mikesell	Paradigm Environmental
Anastasia	Mikhalochkina	Greenprint Partners
Jamie	Milani	COUNTY OF SAN DIEGO
Mark	Miller	ERM
Jasmine	Miller	Schaaf & Wheeler
Jarrold	Miller	Hydrosolutions
Julie	Millett	Richard Watson & Associates, Inc. (RWA Planning)
Amy	Minichillo	Seattle Public Utilities
Umesh	Mishra	Aquashield - A Komline company
Emily	Mixer	City of Escondido
Nick	Modar	Weston Solutions
Ram	Mohseni	Socal Stormwater Runoff Solution Services Inc.
Maryam	Mohseni	Socal Stormwater Runoff Solution Services Inc.

Jacob	Monroe	Advanced Drainage Systems
Jodie	Montano	Geosyntec Consultants
Joe	Montano	Oldcastle Infrastructure
Gerald	Montgomery	SWPPQUEEN, INC.
Adrian	Montoya	Riverside County Flood Control and Water Conservation District
Ana	Montoya Horn	Orange County Public Works
Taejin	Moon	Los Angeles County Public Works
Harry	Moon	Iacsd
Shawn	Moore	City of Santa Rosa
Michael	Moore	City of Rancho Cucamonga
Matt	Moore	NV5
Julia	Moore	RICK Engineering Company
Melissa	Morgan	City of Highland
Zachary	Morgan	Michael Baker International
Jacob	Morgan	Paradigm Environmental
Amanda	Morrow	Brown and Caldwell
Jeff	Mosher	Santa Ana Watershed Project Authority
Daniel	Moss	City of Reno
Danielle	Moss	Larry Walker Associates
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Matt	Muilenburg	NV5
Thomas	Mumley	SF Bay Regional Water Quality Control Board
Tim	Murphy	City of Carlsbad
Ryan	Murphy	Paradigm Environmental
Pat	Murphy	Ferguson Waterworks
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Cara	Nager	San Diego County Regional Airport Authority
Rick	Nail	Bancroft Construction Services LLC
Ana	Naimark	California Environmental Protection Agency (CalEPA)

Jose	Ortiz	City of Los Angeles
Ed	Othmer	Stantec
Megan	Otto	Geosyntec Consultants
Jessica	Ouellette	Charles Abbott Associates, Inc.
Elissa	Overton	GHD Inc.
Chelisa	Pack	Project Design Consultants, a BOWMAN Company
Kiran	Pallachulla	NV5
Tyler	Palmer	LSC Environmental Products
William	Pan	California Department of Transportation
Ash	Paranthaman	Rick Engineering Company
Martin	Parker	Hunsaker & Associates Irvine, Inc.
Kelsey	Parker	City of San Diego Stormwater Department
Dipen	Patel	OWP, Sacramento State
Gregor	Patsch	Oldcastle Infrastructure
Robert	Patterson	CICWQ
Robert	Paukstis	County of Orange
Katie	Payne	Enthalpy Analytical
Lucas	Paz	Terraphase Engineering Inc.
Joey	Pello	Clear Water Services
Danielle	Peltier	Michael Baker International
Melissa	Pena	Kleinfelder
Jian	Peng	Orange County Public Works
Moises	Peralta	City of Colton
Jason	Pereira	CWE
Diana	Perez	Socal Stormwater Runoff Solution Services Inc.
Anna	Perez	Town of Windsor, California
Brittany	Perkins	City of Oceanside
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Danny	Perry	United Storm Water, Inc.
Karin	Peternel	Atkins
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Amy	Phillips	El Dorado County
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Jared	Pickens	City of Paso Robles
David	Pierce	Los Angeles County Sanitation Districts
Dawn	Pimentel	County of Sacramento
Nathan	Pino	City of Ontario
Hally	Piontek	Burns & McDonnell
Kara	Plourde	Los Angeles County Public Works
Megan	Poffinbarger	Pechanga Tribal Government
Domingo	Poggione	City of Sunnyvale
David	Pohl	Burns & McDonnell Engineering
Brenda	Ponton	Woodard & Curran
Aaron	Poresky	Geosyntec Consultants
Sean	Porter	Black and Veatch
Amy	Porter	CASQA
Kim	Porter	City of Paso Robles
Nicholas	Poser	NV5
Chad	Praul	Environmental Incentives
Laura	Predon	Titan Environmental
Anna	Prestbo	Sapphos Environmental, Inc.
Jackson	Price	Verux, Inc.
Andrew	Price	Michael Baker International
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Lisa	Prus	San Diego County Water Authority
Miguel	Puente	San Bernardino County-DPW
Chris	Purdie	Jensen Precast
Ethan	Purkey	Storm Water Inspection & Maintenance Services (SWIMS)

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Luis	Rivera	
Cindy	Rivers	OC Public Works/Environmental Resources
John	Riverson	Paradigm Environmental
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Loren	Roberts	Downstream Services
Katie	Robinson	City of Santa Rosa
Nicky	Robinson	Northgate Environmental Management, Inc.
Laura	Robles	SWPPQUEEN, INC.
Aaron	robles	Union Sanitary District
Laura	Rocha	Moulton Niguel Water District
Christopher	Rochfort	STAR Water Group
Robert	Rodarte	Orange County Public Works
Kelly	Rodman	State Water Resources Control Board
Oscar	Rodriguez	Caltrans
Mariah	Rodriguez	Rick Engineering Company
Amethyst	Roebuck	PAR Western Line Contractors, LLC
Zach	Rokeach	San Francisco Bay Regional Water Quality Control Board
Jacob	Rollins	City of San Diego
Neftali	Romero	Geosyntec Consultants
Eric	Rominger	AquaShield, Inc.
Brandon	Roosenboom	State Water Resources Control Board
Taylor	Roper	Wood Rodgers, Inc.
Lindsey	Rosano	Tully Consulting Group
Salem	Rosenbaum	Varco & Rosenbaum, Environmental Law Group LLP
Lauren	Roth Venu	3Rwater
Reagan	Rouble	ABT, Inc. - Permavoid
Lee	Rousey	ERTEC Environmental Systems
Ron	Rovansek	PACE Advanced Water Engineering
Ripley	Rowan	ACO, Inc.
Zach	Rowlands	MOE
Brian	Rowley	California Department of Transportation
John	Rudolph	WSP USA

Andre	Sonksen	City of San Diego
Melanie	Sotelo	CASC Engineering & Consulting
gabrielle	soto	ERM
Zachary	Spahn	ETIC
Lori	Speer	Bethel Engineering
Lana	Spencer	LMS Environmental
Marty	Spongberg	WSP
Tess	Sprague	Brown and Caldwell
Phil	Springer	BTConsulting Inc.
Shannon	Spurlock	Pacific Institute
John	Steere	Contra Costa County- Public Works
Brandon	Steets	Geosyntec Consultants
Lauren	Steinberg	Larry Walker Associates
Tiffany	Steinert	Lahontan Regional Water Quality Control Board
Chris	Stephan	Moleaer
Whitney	Stephens	Fusco Engineering, Inc
Michael	Stephens	Dept. of Parks & Recreation
Steven	Stetson	Recology
Brenda	Stevens	WSP
John	Stiver	Contech Engineered Solutions
Will	Stockard	County of Marin
Abbey	Stockwell	WA STATE DEPT OF ECOLOGY
Susan	Stoffel	Orange County Public Works
Jacqueline	Stone	Michael Baker International
Kimberly	Strader	Pre-Con Products
Chris	Stransky	WSP USA Environment & Infrastructure Inc
Nick	Sudano	City of Santa Rosa
Christy	Suppes	Orange County Public Works
Ken	Susilo	Geosyntec Consultants
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David	Swartz	Pacific Gas & Electric
Mike	Sweeney	WSP
Steven	Switzer	Michael Baker Intl

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Jennifer	Tabanico	Action Research
Alex	Tachiki	City of Monrovia
Chris	Tagert	Michael Baker
Kelly	Tait	Port of San Diego
Sean	Takayoshi	Los Angeles County Sanitation Districts
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Leila	Talebi	HDR
Ali	Tasdighi	Paradigm Environmental
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Natalie	Teaze	City of Santa Barbara
Mario	Terrazas	Rick Engineering
Caitlin	Tharp	Schaaf and Wheeler
Andrew	Thies	Rick Engineering Company
Cherise	Thompson	PACE
Brendan	Thompson	North Coast Regional Water Quality Control Board
Reed	Thornberry	City of San Marcos
Peter	Thorne	HydroCompliance
Emily	Thorne	HydroCompliance
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Alyson	Tom	County of Santa Cruz
Steven	Tomei	Sam O. Hirota, Inc.
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Suzette	Villanueva	PG&E
Pavlova	Vitale	Los Angeles Water Board
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Jacob	Vogenberg	City of Norco
Mary	Vondrak	Black & Veatch
Jared	Voskuhl	CASA
Allison	Vosskuhler	Port of San Diego
Nouae	Vue	City of Suisun City
Brittany	Waddell	Flatiron Construction
Meaghan	Wagner	Kennedy Jenks
Michael	Wagoner	Pacific Gas and Electric Company
Alex	Waite	City of Tustin
Noah	Walters	RRM Design Group
Jeff	Walton	D.R. HORTON
Michael	Walusko	Power Engineers
Sunny	Wang	City of Santa Monica
Kristin	Wanner	StormTrap
Allan	Warbrick	Advanced Drainage Systems
Brad	Wardynski	Craftwater Engineering
Jeff	Warner	MOE
Erica	Warren	City of Sonoma
Charlene	Warren	Riverside County Flood Control and Water Conservation District
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Taylor	Waters	John Wayne Airport
Richard	Watson	Richard Watson & Associates, Inc. (RWA Planning)
Evelyn	Watson	Wilbur Ellis Company
Christopher	Webb	Herrera Environmental Consultants, Inc.
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Tommy	Wells	FMF Pandion
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Megan	Welsh Carroll	San Diego State University

Lijun	Xu	WSP
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Yige	Yang	Paradigm Environmental
Toua	Yang	Sacramento County Environmental Management Dept
Matt	Yeager	Riverside County Flood Control and Water Conservation District
Daniel	Yelsits	City of San Diego Engineering & Capital Projects
Brian	Yeraka	Lennar Homes
Alex	Yescas	HDR
Simret	Yigzaw	City of San Jose
Shannan	Young	City of Dublin
Nadine	Young Evans	City of San Diego
Pushpa	Zachariah	California State Water Resources Control Board
Dino	Zanolini	Soiland Co., Inc.
Dan	Zarraonandia	Pre-Con Products
David	Zarraonandia	Pre-Con Products
Elizabeth	Zernik	ERM
Xiaomin	Zhao	Paradigm Environmental
Terence	Zhao	Advanced Drainage Systems, Inc.
Eric	Zickler	Lotus Water Engineering
Andrea	Zimmer	Hazen and Sawyer
Stephanie	Zinn	Geosyntec
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George	Zoumalan	Ramtox Corporation
Michelle	Zwick	CULTEC

SCVURPPP Annual C3 Workshop**June 9, 2022****List of Attendees**

	First Name	Last Name	Agency
1	Ramon	Alvarez-Muro	BKF Engineers
2	Erik	Moreno	BKF Engineers
3	Reina	Antonio	City of Campbell
4	Fred	Ho	City of Campbell
5	Peri	Newby	City of Campbell
6	Amy	Olay	City of Campbell
7	Roger	Storz	City of Campbell
8	Arlyn	Villanueva	City of Campbell
9	Donna	Zapico	City of Campbell
10	Lori	Baumgartner	City of Cupertino
11	Jennifer	Chu	City of Cupertino
12	Monica	Diaz	City of Cupertino
13	Ryan	Do	City of Cupertino
14	Brianne	Harkousha	City of Cupertino
15	Ayano	Hattori	City of Cupertino
16	Susan	Michael	City of Cupertino
17	Evelyn	Moran	City of Cupertino
18	Chad	Mosley	City of Cupertino
19	John	Raaymakers	City of Cupertino
20	Emi	Sugiyama	City of Cupertino
21	Ursula	Syrova	City of Cupertino
22	Alex	Wykoff	City of Cupertino
23	Kevin	Rieden	City of Cupertino
24	Jessica	Almanza	City of Milpitas
25	Roberto	Alonzo	City of Milpitas
26	Matt	Lambert	City of Milpitas
27	Elaine	Marshall	City of Milpitas
28	Brian	Petrovic	City of Milpitas
29	Leon	Taing	City of Milpitas
30	Wenjing	Wu	City of Milpitas
31	Jeremy	Wu	City of Milpitas
32	Jessica	Kahn	City of Monte Sereno
33	Chris	Fujimoto	City of Palo Alto
34	Brad	Hunt	City of Palo Alto
35	Ahmad	Mokhtar	City of Palo Alto
36	Laila	Mufty	City of Palo Alto
37	Olivia	Trevino	City of Palo Alto
38	Cesar	Arellano	City of San José
39	Renzel	Balance	City of San José
40	Raman	Bassi	City of San José
41	Khoder	Baydoun	City of San José
42	Sarah	Castellanos	City of San José
43	Ron	Cheung	City of San José
44	Jason	Day	City of San José
45	Peter	Ding	City of San José

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	First Name	Last Name	Agency
46	Joseph	Dyke	City of San José
47	Payman	Ebrahimi	City of San José
48	Michelle	Flores	City of San José
49	Keith	Gaxiola	City of San José
50	Richard	Hernal	City of San José
51	Shoko	Hoang	City of San José
52	Rachel	Hussey	City of San José
53	Jeffrey	Jackson	City of San José
54	Devon	Jackson	City of San José
55	Mahmoud	Jillo	City of San José
56	Elias	Kauders	City of San José
57	Rosa	Kim	City of San José
58	Michelle	Kimball	City of San José
59	Jin	Ko	City of San José
60	Elizabeth	Koki	City of San José
61	Trinh	Le	City of San José
62	Brian	Lee	City of San José
63	Mary	Lee	City of San José
64	Jason	Lee	City of San José
65	Hamilton	Lee	City of San José
66	Vanessa	Lindores	City of San José
67	Cristina	Lindstrom	City of San José
68	Rosamaria	LLanos-Popolizio	City of San José
69	Mayra	Marrufo	City of San José
70	Chris	Mastrodicasa	City of San José
71	Kora	McNaughton	City of San José
72	Laura	Meiners	City of San José
73	Huimin	Mu	City of San José
74	Carlos	Murillo	City of San José
75	Tiffany	Ngo	City of San José
76	Darrick	Nguyen	City of San José
77	Thao	Nguyen-Pham	City of San José
78	Phil	Ody	City of San José
79	Domenico	Onorato-DPW	City of San José
80	Randy	Ouyang	City of San José
81	Stacey	Palomar	City of San José
82	Tiffany	Pong	City of San José
83	Joe	Provenzano	City of San José
84	Luis	Rosales	City of San José
85	Reyjun	Sadorra	City of San José
86	Shayan	Serajeddini	City of San José
87	David	Simonis	City of San José
88	Nancy	Solorio	City of San José
89	Andrew	Tani	City of San José
90	William	Teav	City of San José

SCVURPPP Annual C3 Workshop

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List of Attendees

	First Name	Last Name	Agency
91	Vivian	Tom	City of San José
92	Hoa	Tran	City of San José
93	Joshua	Tsou	City of San José
94	Kruti	Vyas	City of San José
95	Alex	Wong	City of San José
96	Jane	Wu	City of San José
97	Jason	Yan	City of San José
98	Yoshifumi	Yano	City of San José
99	Albert	Yeong	City of San José
100	Samuel	Yung	City of San José
101	Xucan	Zhou	City of San José
102	Valerie	Zollman	City of San José
103	Yongdan	Chunyu	City of San José
104	Leila	Correa	City of San José
105	Chris	De Guzman	City of San José
106	Jiane	Dionisio	City of San José
107	Angela	Wang	City of San José
108	Falguni	Amin	City of Santa Clara
109	Brandon	Coco	City of Santa Clara
110	jing	deng	City of Santa Clara
111	Damaris	Han	City of Santa Clara
112	Allie	Jackman	City of Santa Clara
113	Kevin	King	City of Santa Clara
114	Vincent	Luchessi	City of Santa Clara
115	huy	nguyen	city of santa clara
116	Viet	Nguyen	City of Santa Clara
117	Ferdinand	Pastrana	City of Santa Clara
118	Rinta	Perkins	City of Santa Clara
119	Brandon	Redic	City of Santa Clara
120	Mark	Saturnio	City of Santa Clara
121	Craig	Temple	City of Santa Clara
122	Christian	Tran	City of Santa Clara
123	Julie	Choun	City of Sunnyvale
124	Lauren	Sagun	City of Sunnyvale
125	Melody	Tovar	City of Sunnyvale
126	John	Gaylor	Civil Engineering Associates, Inc.
127	Andrew	Turner	Civil Engineering Associates, Inc.
128	David	Boyd	County of Santa Clara
129	Leo	Camacho	County of Santa Clara
130	Max	Carlos-Gomez	County of Santa Clara
131	Nora	Chung	County of Santa Clara
132	Daniel	Connors	County of Santa Clara
133	Rikti	Dalal	County of Santa Clara
134	Stephen	DeMattei	County of Santa Clara
135	Ed	Duazo	County of Santa Clara



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