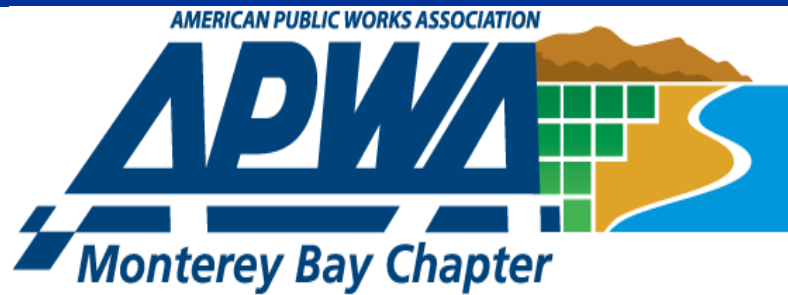


May 2019 Newsletter

<http://monterey.apwa.net>



Serving Monterey, Santa Cruz and San Benito Counties since 1962

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Robert Russell, MNS Engineers
Riley Gerbrandt, Santa Cruz Co

President's Column -

I was excited to see many of you at our Santa Cruz Meeting at the Food Lounge in March. We all learned what to expect when you are expecting (an aquifer recharge project). Thanks to Soquel Creek Water District for the intriguing presentation and to the City of Santa Cruz for hosting this casual and energetic meeting – and the food was excellent!

Spring is Corralitos BBQ time! Get your tickets for the May 22 Corralitos BBQ hosted by the City of Watsonville. This is our favorite party of the year and always a great time to socialize with over 150 local professionals and enjoy some tasty bbq. The outdoor covered patio is spacious and City staff will be serving up cold drinks and a delicious meal.

We are very proud to announce that the following members of our chapter will walk across the stage to receive National Awards at the APWA Public Works Expo in Seattle September 8-11:

Rich Deal, TAMC – Exceptional Performance in Safety

Riley Gerbrandt, Santa Cruz County – APWA Emerging Leaders Graduate

Mud Creek Emergency Reopening Project, Big Sur, Caltrans and John Madonna Construction – APWA Public Works Project of the Year in the Emergency Repair \$25-\$75M.

I'm looking forward to participating in PWX in Seattle this year – over 5,000 people will be there. Please consider joining us.

See you on Wednesday May 22 at the Corralitos BBQ!

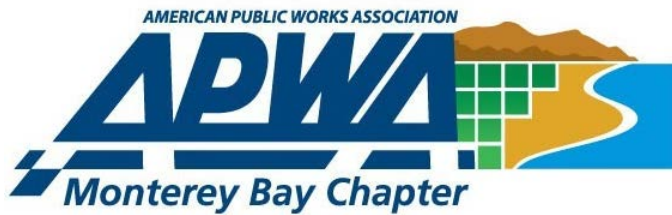
Rodney Cahill

2019 Monterey Bay APWA Chapter President

Email: Rodney@m-me.com

Phone: 831.426.3186 x101





<http://monterey.apwa.net>

“The Corralitos BBQ”

**Hosted by City of Watsonville Public Works & Utilities Dept
Wednesday May 22, 2019**

at

City of Watsonville’s Water Filter Plant
6 Eureka Canyon Road
Corralitos, CA 95076

Socializing/Networking with Hors d’oeuvres at 5:00 pm
Fantastic BBQ Dinner at 6:30 pm
Program & Drawing at 7:15 pm

Menu

✂ Corralitos Sausage ✂ Garlic Bread ✂ BBQ Tri-tip
✂ Corn on the Cob ✂ Tossed Green Salad ✂ BBQ Beans
✂ Vegetarian Option available ✂ Fresh Strawberries

Cost

\$33 per Person, paid at the door
\$34 for payment with credit card thru chapter website or at the door
\$10 for College Students (under 25 YO with School ID)
\$5 for “future public works staff” under 18 YO
<http://monterey.apwa.net/EventDetails/17278>

Program

1. Announcements
2. Presentation of \$1,000 contributions to the City of Watsonville and City of Greenfield Environmental Science Workshops
3. Drawing of Prizes to fund Scholarship Grants

RSVP by noon on Friday, May 17 by emailing Sylvia Amezcua at sylvia.amezcua@cityofwatsonville.org or calling her at (831) 768-3171.
Include full names and employers of the folks planning to attend

Please bring drawing prizes!

Ticket proceeds support the Chapter’s Scholarship Fund.

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Mike Niccum, Pebble Beach CSD
Frank Lopez, Harris & Associates
Riley Gerbrandt, Santa Cruz County

Chapter Calendar

Our General Meetings are typically held Wednesday evenings of odd numbered months and Board Meetings are held third Thursday's of even numbered months.

Here's a look ahead at the upcoming Chapter events and meetings:

May 22	Corralitos BBQ hosted by the City of Watsonville
June 20	Chapter Board Meeting
July 24	General Meeting hosted by City of Salinas
August 15	Chapter Board Meeting
TBD	12 th Annual Summer Training Conference
September 8 - 11	APWA PWX Convention in Seattle
September 27	8 th Annual Chapter Golf Tournament
October 17	Chapter Board Meeting

PEBBLE BEACH COMMUNITY SERVICES DISTRICT

Maintenance Worker I or II

\$4,915/mo. - \$6,594/mo.

or

Maintenance Technician I or II

\$6,292/mo. - \$8,868/mo.

We are seeking someone with experience and abilities to do basic and skilled maintenance work for two open positions in the Maintenance Department. Maintenance Worker I and II are entry level and journey level positions responsible for cleaning and maintaining wastewater collection lines and assisting in maintenance of pumping facilities, machinery and equipment. Maintenance Technician I and II positions must have all of the skills of a Maintenance Worker II and be fully qualified to maintain and operate wastewater and recycled water pumping facilities. A California Commercial Truck Driver's License, and certain acceptable professional certifications are required at the hiring date or must be achieved within specified periods after the hiring date.

We provide comprehensive employer-paid benefits. Additional information and application forms are available at: Pebble Beach Community Services District, 3101 Forest Lake Road, Pebble Beach, CA 93953, (408) 373-1274 or www.pbcسد.org. Apply by May 20, 2019.

APWA Goes to Washington....and Survives!

By Debbie Hale, Monterey Bay Chapter Delegate and Government Affairs Committee member



During the week of April 1, I attended the spring meeting of the American Public Works Association's Government Affairs Committee in Washington, DC. It was an excellent time to be in the nation's capital, not only because it was cherry blossom season, but also because there is actually policy work going on in DC. In fact, several committees are beginning work on the reauthorization of the federal transportation act, also known as the "FAST" act.

As part of my work with the Government Affairs Committee, I helped author the transportation policy priorities for the current Congressional session. These priorities are focused on the following three areas: stabilizing funding; streamlining the federal process and promoting safety improvements. These priorities provided the talking points for our discussions with committee staff

from both the House and Senate infrastructure committees.

The good news is that both the House and Senate are actively involved in drafting infrastructure legislation. The bad news is that they could get caught up in a debate over whether to do a big bill or a small bill. The Senate is more focused on surface transportation and update of the FAST Act, while the House is more interested in a multi-area infrastructure package. The (possibly) ugly news is that some committees work on policy issues and others work on funding – not exactly the most efficient way to assure that our policies are fundable. Luckily, the policy committees acknowledge that bringing transportation funding into the 21st century is needed. Increasing the gas tax is the likely short-term solution, while a vehicle miles-traveled (or other user-type) fee is the likely the long-term solution. APWA's reauthorization task force endorsed this approach about ten years ago, so it is good to see that Congress is catching up. We also found out that there is broad member support for bringing back earmarks (which helped fund projects such as the US 101 Prunedale Improvement Project), but they are not likely to return this fiscal year.

I met with Congressman Panetta's chief of staff Joel Bailey and learned that our Congressman now serves on the House Ways and Means Committee. This is great news because this committee will be responsible for keeping the Highway Trust Fund from going bankrupt. I conveyed to him our support for the modernization of federal gas taxes, which have not been increased since 1994 (our young professionals were barely in high school then!) and I noted that we appreciate Congressman Panetta's efforts to fund critical safety projects such as US 101 South of Salinas, SR 156 at Castroville Blvd, and the Scenic Highway 68 Corridor.

We also met with the Deputy Administrator for the Federal Highway Administration, Brandye Hendrickson. I was pleased to hear that the Administration agrees with the Congressional staff that a gas tax increase, a national vehicle miles-traveled pilot program and interstate tolling should be discussed as ways to shore up the Highway Trust Fund.

Overall, it was a productive trip that provided a positive outlook on the transportation funding front - and even Washington, DC. While I did not meet the chief executive, if I had, I'd have mentioned how bad the traffic is on Highways 68 and 156 on the way to golf at Pebble Beach – and by the way check out our nifty new roundabout. Meanwhile, I will monitor federal developments from afar through my service on the APWA transportation reauthorization working group. If you have any suggestions on what needs changing in the current transportation act, or what you would have said to the President, do let me know: debbie@tamcmonterey.org; (831) 775-4410.



National Public Works Week

"It Starts Here" is the theme for the 2019 National Public Works Week. This theme represents the many facets of modern civilization that grow out of the efforts put forth by the public works professionals across North America.

What starts here?

Infrastructure starts with public works... Growth and innovation starts with public works... Mobility starts with public works... Security starts with public works... Healthy communities start with public works... The bottom line is our citizens' quality of life starts with public works.

<https://npww.apwa.net/>





Monterey Bay

Water Works Association

Training Seminar Sponsorship

Monterey Bay Water Works will send up to 3 applicants to the
35th Annual Tri-State Seminar, August 6-8, 2019 in Las Vegas, NV

www.tristateseminar.com

The sponsorship package includes: conference registration (\$99.00) and reimbursement for travel, lodging and meals (up to \$1150.00). Total sponsorship amount not to exceed \$1,250.00 per applicant. If selected applicant cannot afford to pay up front travel costs, the MBWWA will work with applicant to ensure their attendance.

Complete the application below and submit to MBWWA not later than **4:00 p.m. on Friday, June 7, 2019.**

Applicant Full Name:
Employer:
Phone Number:
Email:

What is your current position in the water industry and what do you like best about your job?

What would you gain educationally/professionally from attending this seminar?

When is the last time you attended a Water/Wastewater Seminar or Conference? What did you like most about it?

Why should you be selected to receive this sponsorship?

Supervisor Statement: If the applicant is selected, our agency/organization will allow him/her to take time off to attend.

Supervisors Name: _____ **Signature:** _____

Applicants Signature: _____ **Date:** _____

Submit application to:

By mail to: Schaaf & Wheeler
ATTN: Andrew Sterbenz, PE
3 Quail Run Circle, Suite 101
Salinas, CA 93907

Or by fax to: (831) 758-6328, Attn: Andy Sterbenz

Or e-mail to: asterbenz@swsv.com Use the subject line: MBWWA Sponsorship Application
(Note: e-mails from non-agency addresses sometimes get caught in the firewall.)



Infrastructure Planning and Funding

Class brought to you by **CRWA** in conjunction with **NV5**
Complete 2019 Schedule

Class Topics:

- Learn how to plan and finance system improvements such as pump stations, pipelines, tank replacement and expansions, and treatment facilities.
- Review of project components, including bidding, construction, engineering design, environmental documentation, and funding applications.
- Review how a Technical, Managerial, and Financial (TMF) plan plays a key role in project planning, general operations, and in emergency situations.
- The class will focus on two funding agencies: USDA Rural Development and State Water Resources Control Board (SWRCB – Prop 84, SRF, and Prop 1).
- This is a water-focused training, but many of the processes and components are applicable for wastewater as well.

Who Should Attend: Water Managers, Office Personnel, Water Operators, and anybody looking to get the latest information in Infrastructure Planning and Funding.

Dates & Locations:

☐ **May 29, 2019:** Scotts Valley (Santa Cruz County)

☐ **July 24, 2019:** Clovis (Fresno County)

☐ **September 18, 2019:** Poway (San Diego County)

☐ **October 2, 2019:** San Luis Obispo (San Luis Obispo County)

Contact Hours: 4 SWRCB Water Contact Hours and/or 4 REHS/CEUs

Registration: 7:30 am – 8:00 am

Classroom Session: 8:00 am – 12:00 pm

Lunch: 12:00 – 1:00 pm (on your own)

Information for the Attendee:

- A confirmation letter and map will be **EMAILED** to you within two weeks of the class date so **please make sure your email address is valid.**
- All registrants who have registered and paid for the class at least seven business days prior to the class will receive their certificate on-site.
- If any registrant requires special accommodations for disabilities, please contact our office at 800-833-0322 ext. 1.
- Cancellations must be received by CRWA in writing five business days prior to the event to qualify for a refund.
- Cancellations received within this time frame will be subject to a refund less a \$25 processing fee.
- All class transfer requests must be received five business days prior to class and are subject to CRWA approval. Transfers will only be valid within the same calendar year.

Registration Form

CRWA MEMBERS: \$150

NON MEMBERS: \$200

Attendee(s) Name(s): _____

System or Company Name: _____

System or Company Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ FAX: _____ **Email:** _____

☐ CRWA Member (\$150) ☐ Non-Member (\$200) Payment Total: \$ _____

☐ Check to follow in mail (payable to CRWA) ☐ Credit Card (print info below)

Credit Card #: _____ Expiration Date: _____

Authorized Signature: _____

TO REGISTER:

Please fax this form to 916-553-4904
or email to cubaldo@calruralwater.org
or mail to CRWA, 1234 North Market Blvd, Sacramento, CA 95834.



City of Watsonville

"A Community of Opportunities"

Human Resources Department

275 Main Street, Suite 400, 4th Floor

Watsonville, CA 95076

Phone: 831.768.3020

Fax: 831.761.0736

www.cityofwatsonville.org

hr@cityofwatsonville.org

now accepting applications for the position of:

UTILITIES MAINTENANCE SUPERVISOR

SALARY: \$6,043.74 - \$8,099.20 / Month

FILING DEADLINE EXTENDED: Thursday, May 16, 2019 at 5:00 p.m.
(No postmarks accepted)

The ideal candidate has experience in Maintenance Management with exemplary supervisory experience. Has the ability to participate in on-call emergency situations, responding in an appropriate and timely manner. Develop mechanics technical skills through in-house training programs & facilitate all areas of people management and plant policies. Ensure that all equipment is operational and OSHA compliant. Enhance existing maintenance programs/systems for all operating and facility equipment to further reduce equipment downtime. Is proficient in MS Office (Word, Excel), Google Apps (Gmail, Sheets, Docs, Drive) and Computer Maintenance Management-related software. Is a self-motivated, customer service-oriented individual with exceptional attention to detail, and is someone who takes great pride in the quality of their work.

We are looking for the right candidate to join the Public Works and Utilities Department team as a Utilities Maintenance Supervisor. If you're looking for a rewarding career opportunity with an enthusiastic management team, we'd like to hear from you!

DEFINITION

To plan, organize, and coordinate preventative and ongoing maintenance programs for the City's Utilities. This includes wastewater, water, materials processing, storm water and sewer pump station machinery and equipment; to provide supervision and work direction in the repair and maintenance of Utilities machinery and equipment and related facilities; and to perform a variety of complex maintenance and repair work to electrical, hydraulic, pneumatic and mechanical equipment and instrumentation systems.

DISTINGUISHING CHARACTERISTICS

This job class is responsible for direction of the work of Utilities maintenance mechanic crew and for performing the more difficult maintenance and repair assignments and formally evaluating subordinate employees. This job class requires a skilled level of job performance and functions at an advanced journey level of classification.

SUPERVISION RECEIVED

- Receives limited supervision from the Wastewater Treatment Facilities Manager or other Public Works and Utilities Management personnel as assigned.
- Exercises direct supervision over assigned Utilities Maintenance personnel

EXAMPLES OF ESSENTIAL DUTIES - Duties may include, but are not limited to, the following:

- Establishes and maintains preventative maintenance schedules for Utilities machinery and equipment
- Assigns, directs, formally evaluates, and monitors the work of others in the performance of a wide variety of mechanical, electrical, and plumbing maintenance and repair duties in the maintenance of Utilities machinery and equipment
- Performs complex and skilled maintenance and repair work to electrical, instrumentation, hydraulic, pneumatic, and mechanical equipment
- Conducts inspections to ensure that equipment is functioning properly; adjusts and repairs equipment as necessary
- Acts as electrician; maintains and repairs electrical lighting, control and power circuits, fixture controls, motors, and other related electrical equipment
- Ensures availability of appropriate levels of replacement parts and special tools; places orders; prepares cost estimates
- Assists in developing budget estimates for maintenance operations
- Maintains records and prepares reports related to maintenance activities
- Performs related duties similar to the above in scope and function as required

EMPLOYMENT STANDARDS

Knowledge of

- operation and maintenance requirements of wastewater, water, materials processing equipment and machinery

- maintenance requirements of pumps and pumping systems
- electrical motor controls, lighting and power circuits
- principles of instrumentation systems
- plumbing, pipefitting, and related mechanical repair work
- maintenance safety practices and procedures
- welding and metal fabrication
- safe work practices
- principles of lead and employee training

Ability to

- train, direct, evaluate, and monitor the work of others
- detect malfunctions in machinery and equipment and make necessary repairs and adjustments
- implement and maintain a complex maintenance management system
- perform complex maintenance and repair to electrical and mechanical equipment and instrumentation systems
- weld and fabricate metal work
- effectively communicate in both oral and written forms
- interpret and work from technical sketches and blueprints
- safely use and care for a variety of tools and special equipment
- meet the physical requirements necessary to safely and effectively perform required duties
- grasp with right and left hands
- use fine hand manipulation
- perform manual labor involving frequent bending, pulling, pushing, lifting, climbing and carrying of weights up to 50 lbs.
- climb stairs
- maintain good public relations with people contacted during work assignments
- establish and maintain effective work relationships with those contacted in the performance of required duties
- perform assigned duties while wearing respiratory protection equipment

TRAINING AND EXPERIENCE

Any combination of training and experience, which would provide the required knowledge and abilities, is qualifying. A typical way to obtain the knowledge and abilities is:

- Three years of increasingly responsible experience in water or wastewater treatment plant equipment maintenance and repair, including one year in a lead capacity.

LICENSE & CERTIFICATION

- A valid Class C California Drivers license and a safe driving record
- Possession of or obtain within twelve (12) months* a CWEA Mechanical Technologist Certificate Grade III

*Subject to final approval

APPLICATION AND TESTING PROCESS

Applications must be submitted to the Human Resources Department located at 275 Main Street, Suite 400, Watsonville, CA 95076, by the filing deadline. No postmarks accepted. An application may be obtained by calling (831) 768-3020; to apply online visit www.cityofwatsonville.org. All candidates will receive written notification after applications have been screened for requirement compliance. Interview dates will be announced at a later time.

APPOINTMENT AND BENEFITS

The position benefits include vacation, sick leave, and holidays. The City offers Public Employees Retirement System benefits. Employees shall pay the full employee share of CalPERS contribution.

The candidate selected will be appointed for a 12-month probationary period. Names of successful candidates who do not receive a job offer will be placed on an employment list which normally remains effective for one year. The Human Resources Department may abolish an Employment List at any time the needs of the City so require. The position is represented by the Mid-Management bargaining unit.

Prior to appointment to the position of Utilities Maintenance Supervisor, a medical examination and Department of Justice LiveScan fingerprinting will be required.



The City of Watsonville is an Equal Opportunity Employer and encourages workplace diversity. The City of Watsonville is committed to compliance with the Americans with Disabilities Act by including people with disabilities in all of its programs and activities.

NOTE: THIS ANNOUNCEMENT DOES NOT CONSTITUTE A CONTRACT, EXPRESSED OR IMPLIED, AND ANY PROVISIONS CONTAINED IN THIS BULLETIN MAY BE MODIFIED OR REVISED WITHOUT NOTICE.



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Watsonville, CA 95076

Phone: 831.768.3020

Fax: 831.761.0736

www.cityofwatsonville.org

hr@cityofwatsonville.org

now accepting applications for the position of:

TRAFFIC SYSTEMS COORDINATOR

SALARY: \$4,923.99 - \$6,598.63 / Month

FILING DEADLINE: *Open and Continuous*

JOB SUMMARY

To coordinate and oversee the City's traffic systems; to perform a variety of work in the design, installation and maintenance of traffic control systems.

DISTINGUISHING CHARACTERISTICS

This job functions at an advanced journey level of classification and receives limited supervision within a framework of standard policies and procedures, and is expected to act as a working full supervisory level which includes training, directing, coordinating, and formally evaluating the work of subordinate work crews.

SUPERVISION RECEIVED AND EXERCISED

- Receives limited supervision from the Principal Engineer responsible for traffic engineering.
- Exercises direct supervision over assigned work crews

EXAMPLES OF ESSENTIAL DUTIES

Duties may include, but are not limited to, the following:

- Analyzes traffic problems; formulates solutions; makes recommendations
- Serves on the City's Traffic Committee and implements its recommendations
- Oversees the annual street striping contract
- Communicates with business and property owners regarding parking and traffic issues
- Communicates with other public agencies to coordinate traffic signal operations
- Develops and implements an on-going testing and preventative maintenance program for the traffic signal systems
- Tests, locates, repairs or replaces malfunctioning circuits and components in traffic circuits and components in traffic signal and street lighting systems
- Installs solid state and electrical components included in traffic signal controllers
- Conducts tests of signal progression, timing and phasing; tests alternative timing strategies and phasing sequences; makes timing adjustments
- Operates hydraulic aerial devices to replace street and traffic signal lights and signage
- Maintains records of all inspections, repairs and adjustments made; prepares reports as required; uses the City's database traffic management system
- Conducts employee evaluations
- Prepares budget for traffic system
- Maintains an adequate stock of replacement parts, materials, equipment and tools
- Performs as a working supervisor, coordinating work crew assignments

EMPLOYMENT STANDARDS

Knowledge of

- basic methods of tools used in general construction and maintenance work
- principals and methods used in the installation and maintenance of traffic signal systems including digital solid state components and electronic control equipment
- materials, tools and equipment used in the installation and maintenance of traffic signal systems
- standard safety precautions necessary in electrical work
- provision of local, state and national codes applicable to the maintenance of traffic signals
- principles and practices of supervision
- database, spreadsheet and word processing software
- safety programs and practices

Ability to:

- perform a full range of work in design, installation and maintenance of traffic control systems
- understand and follow oral and written instructions

- perform physical tasks involving frequent bending, lifting, carrying, pushing and pulling of weights up to 50 pounds
- use a keyboard
- drive an automobile
- hear and distinguish various sounds, such as voices of co-workers in noisy environments, pager, cell phone, etc.
- effectively train others to safely and correctly perform tasks
- prepare and maintain accurate records and reports
- work outdoors in adverse weather conditions
- communicate effectively with other public agencies, business and property owners
- establish and maintain effective work relationships with those contacted in the performance of required duties
- speak both Spanish and English highly desirable

TRAINING AND EXPERIENCE

Any combination of training and experience, which provides the required knowledge and abilities, is qualifying. A typical way to obtain the knowledge and abilities is to possess the equivalent of the following:

- Five years of work experience comparable to that of the Utility Worker III with the City of Watsonville
- Three years of work experience in the design, installation and maintenance of traffic control systems

LICENSE & CERTIFICATION

- Possession of a valid Class B California Drivers License and a safe driving record

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MME

CIVIL + STRUCTURAL ENGINEERING • SINCE 1987

COME AND JOIN OUR TEAM!

Our firm is growing and we have immediate openings for Civil Engineers at early and middle career levels. We are in search of talented and energetic people looking to design creative and efficient construction projects to benefit our community. This is an excellent opportunity to work in an award-winning and established design firm with a dynamic and collaborative studio environment on an extensive variety of project types.

Role:

- Design buildings, roads, schools, parks, bridges, walls and harbor facilities
- Collaborate with other professionals on conceptual and final documents
- Prepare civil and structural calculations, reports, plans and details
- Participate in construction administration and site observations
- Coordinate with project team members and clients

About MME:

MME provides professional civil and structural engineering services to government and commercial clients in the Monterey Bay Area. For 30 years we have delivered the civil and structural design of buildings, bridges, retaining walls, roads, parks, coastal facilities, utilities and site improvements. Rodney Cahill, C.E. and Dale Hendsbee, S.E. and lead a talented staff of twelve including seven licensed civil and structural engineers, three engineers-in-training and two administrative assistants. Our office is ideally situated downtown in the beautiful coastal community of Santa Cruz, California. We are just minutes from some of the best coastline in North America and many miles of world-class mountain biking trails.

Qualifications:

- Bachelors Degree in Civil Engineering
- Good communication and teamwork skills
- Strong analytical and organizational expertise
- AutoCAD Civil 3D experience preferred
- 0-15 years experience



Benefits:

We provide a competitive benefits package including medical insurance, dental insurance, 401k retirement plan with employer matching contributions, annual profit sharing plan, paid time off, professional association membership reimbursement, flexible schedule and annual bonus opportunities.

Please send your resume and work samples to info@m-me.com

3 Locations on the Central Coast of California

Wallace Group is hiring! With offices in Salinas, San Luis Obispo and Santa Barbara there are now more opportunities than ever! Go to wallacegroup.us

Senior Land Surveyor: (San Luis Obispo)

Duties: Preparation and drafting of ALTA maps, Records of Survey, Legal Descriptions, Boundary Re-establishments and topographic surveys. Development and documentation of survey standards and workflow.

Experience: Thorough understanding of surveying techniques, a background with the Subdivision Map Act, ability to use AutoCAD and Civil3D to produce survey maps with minimal oversight. Desired experience includes use of Spectra Survey Pro Field Collector Software, and Trimble Business Center software. California professional registration with minimum of seven years of progressive experience.



Civil Drainage Engineer:

Duties: Responsible for development of project grading and drainage systems, hydraulics and hydrology, preparation of CLOMRS and LOMRS, low impact design, etc.

Experience: Experience in grading, hydraulics and hydrology, drainage system design, and stormwater quality. Proficiency in Civil 3D HEC-RAS/GEO-RAS, FLO-2D, StormCAD and HydroCAD, and GIS. California professional registration with minimum of seven years of progressive experience.



Senior Transportation Design Engineer:

Duties: Lead project design teams in the development of planning and design of transportation projects on local roadways and state highways.

Experience: Experience with preparation of reports, plans, quantities and estimates using Caltrans standards, and the Highway Design Manual, Manual of Uniform Traffic Control Devices, Highway Safety Manual and AASHTO Greenbook. Must demonstrate strong project management skills and experience with preparation of proposals. California professional registration with minimum of nine years of progressive experience.



Senior Resident Engineer:

Duties: Acting as owner's representative and oversight of construction inspectors on various types of public works construction projects.

Experience: Candidates must have their California professional registration with a minimum of 12 years of experience and have a fundamental understanding of contracts and familiarity with codes and laws governing construction.



Call Jenna Mitchell at (805) 544-4011 or email hr@wallacegroup.us

UCANR DroneCamp 2019 Agenda

June 18-20, 2019

Marina, Monterey

<http://igis.ucanr.edu/dronecamp/>

Locations

Cal State University Monterey Bay (CSUMB)

Gambord Business and Information Technology Building (Bldg 506)

Room 113 & 118

3052 Divarty Street, Seaside, CA 93955 [\[map\]](#)

Parking info: Several parking lots are within a 5 minute walk (see [Campus Parking Maps](#)). Daily parking permits are available for \$4/day at dispensers or online. Online purchase is recommended (you can print them at home).

University of California Monterey Bay Education Science and Technology (UCMBEST)

3180 Imjin Rd, Marina, CA 93933 [\[map\]](#)

Meet outside for flight practice sessions

Parking info: there is a large lot next to the building, permits not required

Tuesday June 18

Location: CSUMB Business IT Bldg, Room 113

8:00 - 9:00 am	Light breakfast and registration <i>Drone flight simulators will be available</i>
9:00 - 9:30 am	Welcome, introductions, course overview, facilities orientation <i>Maggi Kelly & Andy Lyons</i>
9:30 - 10:30 am	Drone technology and applications <i>Sean Hogan</i>
10:30 - 10:45 am	Break
10:45 - 11:45 am	Roundtable equipment presentation, exhibition and Q&A session <i>All</i>
11:45 - 12:00 pm	Flight controls & intro to simulators
12:00 - 1:00 pm	Lunch (provided)



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1:00 - 1:45 pm	Guest Presentation <i>TBD</i>
1:45 - 2:30 pm	Risk Analysis and Management <i>Brandon Stark</i>
2:30 - 2:45 pm	Break
2:45 - 3:45 pm	Intro to Regulations and Part 107 & Practice Test <i>Andy Lyons</i>
3:45 - 4:45 pm	Mission planning
4:45 - 5:00 pm	Wrap up
5:00 - 8:00 pm	Monterey Bay BART Meetup @ UCMBEST (optional)
	<i>Dinner on your own</i>

Wednesday June 19

Location: CSUMB Business IT Bldg, Room 113

8:00 - 9:00 am	Light breakfast and simulator practice
9:00 - 9:15 am	Announcements and overview of day's activities <i>Andy Lyons</i>
9:15 - 9:45 am	Intro to Data Management
9:45 - 10:15 am	Break <ul style="list-style-type: none"> • Group 1 stays at CSUMB • Group 2 travels to flight area
Group 1. Data Processing and Analysis Location: CSUMB Business IT Bldg, Room 118	
10:15 - 10:45 am	Overview of Photogrammetry <i>Andy Lyons</i>

10:45 - 12:00 am	Pix4D orientation and Intro Exercise
12:00 - 1:00 pm	Lunch (provided)
1:00 - 1:30 pm	Tools & Tricks Show 'n Tell
1:30 - 2:00 pm	Getting to Know ArcGIS Pro <i>Shane Feirer</i>
2:00 - 3:00 pm	ArcGIS Pro exercise Pt.1
3:00 - 3:15 pm	Break
3:15 - 4:45 pm	Choose your own adventure: <ul style="list-style-type: none"> • ArcGIS Pro exercise Pt. 2, or • Pix4D exercise Pt. 2
4:45 - 5:00 pm	Wrap up
	<i>Dinner on your own</i>
Group 2. Flight Practice Location: <u>UCMBEST</u>	
10:15 - 11:15 am	Flight safety orientation and operational overview <i>Sean Hogan and Jacob Flanagan</i>
11:15 - 11:45 am	Flight session #1. Basic Maneuvers
11:45 - 12:15 pm	Flight session #2. Flight Patterns
12:15 - 1:15 pm	Box lunches
1:15 - 2:15 pm	Fixed wing demo flights
2:15 - 2:45 pm	Flight session #3. Emergency procedures
2:45 - 4:15 pm	Flight session #4. Autonomous Flight Practice
4:15 - 4:30 pm	Break
4:30 - 5:00 pm	Wrap up - Debrief, and directions for day 3
	<i>Dinner on your own</i>

Thursday June 20

Location: CSUMB Business IT Bldg, Room 113

8:00 - 9:00 am	Light breakfast and simulator practice
9:00 - 9:15 am	Announcements and overview of day's activities <i>Andy Lyons</i>
9:15 - 9:45 am	Break <ul style="list-style-type: none">• Group 1 travels to flight area• Group 2 stays at CSUMB
Group 1. Flight Practice <i>Location:</i> UCMBEST	
9:45 - 10:30 am	Flight safety orientation and operational overview <i>Sean Hogan and Jacob Flanagan</i>
10:30 - 11:00 am	Flight session #1. Basic Maneuvers
11:00 - 11:30 am	Flight session #2. Flight Patterns
11:30 - 12:00 pm	Flight session #3. Emergency procedures
12:00 - 1:00 pm	Box lunches (provided)
1:00 - 2:00 pm	Fixed wing demo flights
2:00 - 3:30 pm	Flight session #4. Autonomous Flight Practice
3:30 - 4:00 pm	Relocate to CSUMB
Group 2. Data Processing and Analysis <i>Location:</i> CSUMB Business IT Bldg, Room 118	
9:45 - 10:15 am	Overview of Photogrammetry <i>Andy Lyons</i>
10:15 - 11:30 am	Pix4D orientation and Intro Exercise
11:30 - 12:00 pm	Tools & Tricks Show 'n Tell
12:00 - 1:00 pm	Lunch (provided)

1:00 - 1:30 pm	Getting to Know ArcGIS Pro <i>Shane Feirer</i>
1:30 - 2:30 pm	ArcGIS Pro exercise Pt.1
2:30 - 2:45 pm	Break
2:45 - 4:00 pm	Choose your own adventure: <ul style="list-style-type: none"> • ArcGIS Pro exercise Pt. 2, or • Pix4D exercise Pt. 2
Closing <i>Location: CSUMB Business IT Bldg, Room 113</i>	
4:00 - 5:00 pm	Wrap up & certificates
Reception <i>Location: TBD</i>	
5:30 - 8:00	Joint Reception with DART UAS Symposium



More info at <https://montereybaydart.org/event/monterey-bay-dart-symposium/>