

WINTER 2017

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BULLETIN

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NEW APPLICATION PROCESSES FOR ALL ENGINEERING AND LAND SURVEYING LICENSES

There is a new process for all engineering and land surveying license applicants. You are responsible to know and understand these changes to your discipline's application process.

Also, be aware there is a new process for requesting a waiver of the Fundamentals of Engineering (FE) exam when applying for licensure as a professional engineer (PE), as well as a new process for requesting a waiver of the Fundamentals of Surveying (FS) exam when applying for license as a professional land surveyor (PLS).

See page 2 for more information.



Message From the Executive Officer

RICHARD B. MOORE, PLS

The Board for Professional Engineers, Land Surveyors, and Geologists (Board) implemented several changes to the application process that all potential licensure candidates should be aware of. Additionally, winter 2017–2018 marks a critical period in the Board's mission timeline, as it continues its efforts toward converting the required examinations for licensure to computer-based testing (CBT), while also continuing to implement more flexibility for licensure candidates to schedule their examinations.

During fall 2017, the Board announced that, with the exception of structural engineer applications and those applicants seeking waiver of the fundamentals examinations, all candidates seeking initial licensure as a professional engineer or professional land surveyor in California need to pass both of the national engineering or surveying examinations (Fundamentals of Engineering/Surveying and the discipline-appropriate Principles and Practice of Engineering/Surveying), along with acquiring the necessary education/experience, prior to submitting their applications for licensure to the Board. For those seeking licensure as a professional engineer other than civil engineer, this means once you pass both national exams, have the required education/experience, and

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New Application Processes for All Engineering and Land Surveying Licenses

There is a new process for all engineering and land surveying applicants.

NEW PROCESSES FOR APPLYING FOR LICENSURE

CIVIL ENGINEERS

1. Do not submit your application for California licensure until after you have passed both the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering (FE) exam and the Principles and Practice (P&P) exam.
2. Once you have passed the NCEES P&P exam and have the required qualifying experience, then submit your application for licensure to the Board.
3. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
4. You must allow the Board a minimum of 60 days from when you submit your application to process your application. Do not contact the Board within the initial 60-day period to ask about the status of your application. If you have not received any communication from the Board after the initial 60-day period, you may contact the Board's Licensing Unit at (916) 263-2222 or email **BPELSG.Application.Information@dca.ca.gov**.
5. Do not contact the Board to verify receipt of your application. If you wish to have proof that your application was received, you need to use a delivery method that provides tracking and delivery confirmation.
6. The state-specific civil engineer exams (Seismic Principles and Engineering Surveying) are offered on a continuous quarterly basis, starting with the quarter that begins on April 1, 2018. You will be authorized to sit for the exams in the quarter following the quarter in which your application is approved by the Board. You may sit for each exam once per quarter.
7. If you need to retake the exam, you will need to submit the Re-Examination Form (form can be found on the Board's website, **www.bpelsg.ca.gov**) and appropriate exam fee to the Board. You will be notified of your exam date after the exam fee has been received and processed by the Board.

For more information about changes to the application process, visit our website at **www.bpelsg.ca.gov/applicants**.



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New Application Processes (continued from page 2)

LAND SURVEYORS

1. Do not submit your application for California licensure until you have passed both the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam and NCEES Principles of Surveying (PS) exam.
2. Once you have passed the NCEES PS exam and have the required qualifying experience, then submit your application for licensure to the Board.
3. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
4. You must allow the Board a minimum of 60 days from when you submit your application to process your application. Do not contact the Board within the initial 60-day period to ask about the status of your application. If you have not received any communication from the Board after the initial 60-day period, you may contact the Board's Licensing Unit at (916) 263-2222 or email **BPELSG.Application.Information@dca.ca.gov**.
5. Do not contact the Board to verify receipt of your application. If you wish to have proof that your

application was received, you need to use a delivery method that provides tracking and delivery confirmation.

6. The state-specific professional land surveyor (PLS) exam is offered twice a year. Once your application is approved by the Board, you will be notified of your exam date.
7. If you need to retake the state-specific PLS exam, you will need to submit the Re-Examination Form (form can be found on the Board's website, **www.bpelsg.ca.gov**) and appropriate exam fee to the Board. You will be notified of your exam date after the exam fee has been received and processed by the Board.

For more information about changes to the application process, visit our website at **www.bpelsg.ca.gov/applicants**.



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Message From the Executive Officer (continued from page 1)

your application is approved, the Board will issue you a license. For those seeking licensure as a civil engineer, the two state civil engineering examinations will still need to be passed after submitting your application to the Board—which leads us to our next announcement

Beginning April 2, 2018, California's two state civil engineering examinations—Seismic Principles and Engineering Surveying—will be offered on a continuous basis throughout the year, rather than limited to twice annually in the spring and fall. This change now means that licensure candidates who have submitted an application for licensure as a civil engineer in California and have received technical approval of their submitted

education/engineering experience will be able to sit for the two state civil examinations as soon as they are notified of the technical approval with scheduling information. Each approved licensure candidate can sit for each of the two required examinations once per calendar quarter. If they don't pass, they can take an exam again the following calendar quarter—up to a maximum of four times per year—provided that each time they sit for an exam after the initial unsuccessful attempt, the candidate submits the required examination fee. The candidate will be issued a license once they pass both examinations and all other conditions for licensure are met.

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New Application Processes (continued from page 3)

TRAFFIC ENGINEERS

1. Do not submit your application for California licensure until after you have passed the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering (FE) exam.
2. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
3. You must allow the Board a minimum of 60 days from when you submit your application to process your application. Do not contact the Board within the initial 60-day period to ask about the status of your application. If you have not received any communication from the Board after the initial 60-day period, you may contact the Board's Licensing Unit at (916) 263-2222 or email **BPELSG.Application.Information@dca.ca.gov**.
4. Do not contact the Board to verify receipt of your application. If you wish to have proof that your application was received, you need to use a delivery method that provides tracking and delivery confirmation.
5. The state-specific traffic engineer exam is offered once a year. Once your application is approved by the Board, you will be notified of your exam date.
6. If you need to retake the exam, you will need to submit the Re-Examination Form (form can be found on the Board's website, **www.bpelsg.ca.gov**) and appropriate exam fee to the Board. You will be notified of your exam date after the exam fee has been received and processed by the Board.



For more information about changes to the application process, visit our website at **www.bpelsg.ca.gov/applicants**.

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Message from the Executive Officer (continued from page 3)

It is anticipated that, coinciding with this April examination change, the Board will begin issuing civil engineer licenses to approved individuals who meet all criteria for licensing, including passing the two California examinations, on a monthly basis. Those licensure candidates who do not have a state examination requirement will be licensed monthly on a flow basis, also based on submittal of the application.

The results of this change mean that candidates for licensure as a civil engineer will be able to submit

applications throughout the year and have more opportunities to sit for examinations—all with the ability to become licensed throughout the year.

The Board is excited about these changes and anticipates they will help licensure candidates achieve their goals at a pace that fits their timeframes throughout the year. For more detailed information on these changes, read through this edition of the *Bulletin* on page 6 and visit the Board's website (**www.bpelsg.ca.gov**).

New Application Processes (continued from page 4)

GEOTECHNICAL ENGINEERS

1. Do not submit your application for California licensure until after you have passed the National Council of Examiners for Engineering and Surveying Fundamentals of Engineering (FE) exam.
2. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
3. You must allow the Board a minimum of 60 days from when you submit your application to process your application. Do not contact the Board within the initial 60-day period to ask about the status of your application. If you have not received any communication from the Board after the initial 60-day period, you may contact the Board's Licensing Unit

at (916) 263-2222 or email

**BPELSG.Application.
Information@dca.ca.gov.**

4. Do not contact the Board to verify receipt of your application. If you wish to have proof that your

application was received, you need to use a delivery method that provides tracking and delivery confirmation.

5. The state-specific geotechnical engineer exam is offered twice a year. However, applicants will only be authorized to take the exam once a year. Once your application is approved by the Board, you will be notified of your exam date.
6. If you need to retake the exam, you will need to submit the Re-Examination Form (form can be found on the Board's website, www.bpelsg.ca.gov) and appropriate exam fee to the Board. You will be notified of your exam date after the exam fee has been received and processed by the Board.

For more information about changes to the application process, visit our website at www.bpelsg.ca.gov/applicants.

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BOARD MEMBERS

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Richard B. Moore, PLS,
Executive Officer

Brooke C. Payer,
Bulletin Editor



New Application Processes (continued from page 5)

PROFESSIONAL ENGINEERS IN THE FOLLOWING DISCIPLINES:

- Agricultural
 - Chemical
 - Chemical
 - Control system
 - Electrical
 - Fire protection
 - Industrial
 - Mechanical
 - Metallurgical
 - Nuclear
 - Petroleum
1. Do not submit your application for California licensure until after you have passed both the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering (FE) exam and the Principles and Practice (P&P) exam in the desired discipline. Once you have passed the appropriate NCEES P&P exam and have the required qualifying experience, then submit your application for licensure to the Board.
 2. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
 3. You must allow the Board a minimum of 60 days from when you submit your application to process your

application. Do not contact the Board within the initial 60-day period to ask about the status of your application.

If you have not received any communication from the Board after the initial 60-day period, you may contact the Board's Licensing Unit at (916) 263-2222 or email **BPELSG.Application.Information@dca.ca.gov**.

4. Do not contact the Board to verify receipt of your application. If you wish to have proof that your application was received, you need to use a delivery method that provides tracking and delivery confirmation.

For more information about changes to the application process, visit our website at **www.bpelsg.ca.gov/applicants**.



STRUCTURAL ENGINEER

1. You must submit your application for review and approval by the Board before the Board will authorize you to take the National Council of Examiners for Engineering and Surveying (NCEES) 16-hour structural engineer exam.
2. You must submit your application by the final filing dates published on the Board's website, **www.bpelsg.ca.gov**.
3. Do not contact the Board to verify receipt of your application. If you wish to have proof that your application was received, you need to use a delivery method that provides tracking and delivery confirmation.

For more information about changes to the application process, visit our website at **www.bpelsg.ca.gov/applicants**.



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New Application Processes (continued from page 6)

NEW PROCESSES FOR REQUESTING WAIVER OF FUNDAMENTALS EXAMS

WAIVER OF THE FUNDAMENTALS OF ENGINEERING (FE) EXAM WHEN APPLYING FOR LICENSURE AS A PROFESSIONAL ENGINEER (PE)

1. You must submit your application for review and approval by the Board before the Board will authorize you to take the professional-level exam in the discipline in which you have applied.
2. You must submit your application by the final filing dates published on the Board's website, www.bpelsg.ca.gov.
3. Do not contact the Board to verify receipt of your application. If you wish to have proof that your

application was received, you need to use a delivery method that provides tracking and delivery confirmation.

For more information about changes to the application process, visit our website at www.bpelsg.ca.gov/applicants.



WAIVER OF THE FUNDAMENTALS OF SURVEYING (FS) EXAM WHEN APPLYING FOR LICENSURE AS A PROFESSIONAL LAND SURVEYOR (PLS)

1. You must submit your application for review and approval by the Board before the Board will authorize you to take the National Council of Examiners for Engineering and Surveying (NCEES) Principles of Surveying (PS) exam and the state-specific professional land surveyor (PLS) exam.
2. There is no final filing date. Applications can be submitted and will be accepted on a continuous basis.
3. You must allow the Board a minimum of 60 days from when you submit your application to process your application. Do not contact the Board within the initial 60-day period to ask about the status of your application. If you have not received any communication from the Board after the initial 60-

day period, you may contact the Board's Licensing Unit at (916) 263-2222 or email BPELSG.Application.Information@dca.ca.gov.

4. Do not contact the Board to verify receipt of your application. If you wish to have proof that your application was received, you need to use a delivery method that provides tracking and delivery confirmation.

For more information about changes to the application process, visit our website at www.bpelsg.ca.gov/applicants.



Mud Creek Landslide: Board Licensees in Action, Part 2

Brooke Phayer, Editor

Editor's Note: This article is the second in a three-part series focusing on the May 20, 2017, landslide at Big Sur's Mud Creek; the landslide was the largest in California's recorded history. The landslide dumped 5 million cubic yards of rock, dirt, and debris, reshaping the California coastline by burying a quarter mile of Highway 1, dumping slide material 600 feet out into the Pacific Ocean, and creating 15 acres of new land.

Board-licensed engineers, land surveyors, and geologists are central to resolving the numerous problems presented by the landslide, including the repair of Highway 1, which controls access to the Big Sur area. The series highlights those professionals and the work involved.

To learn more about the landslide, read our "Get to Know Our Licensees" article (see page 4), which features an interview with Thomas G. Whitman, P.G., CEG, a Caltrans professional geologist and certified engineering geologist who is heavily involved in the project.

Watch for our next Bulletin newsletter, which will feature an engineer involved in the Big Sur landslide project.



Mud Creek slide, May 25, 2017.



Mud Creek slide, September 1, 2017.

What's happening

Caltrans officials are rebuilding the highway on the same ground that was covered by the slide, while buttressing the temporary new roads with a series of embankments, berms, rocks, netting, culverts, and other stabilizing materials.

"The engineers hiked around, did their monitoring, and then we had the contractor hike in and make access roads," said Wayne Walker, a Caltrans construction engineer. "The first access roads were to get a drill rig in to do geotechnical boring so they could determine that the slide material was stable enough to support the [new] roadway."



Mud Creek slide, September 1, 2017.

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Mud Creek Landslide: Board Licensees in Action (continued from page 8)

Crews then built additional roads to allow work to begin on the project, which is estimated to cost \$40 million. Once the temporary roads were in place, crews built a rock revetment on the north end of the slide to support the land above where the road will be installed and to protect the bottom of the slide area from erosion from the ocean. Using an excavator, contractors dug a hole to place large boulders to support the coastline. That work began, as well as additional work where dirt and rocks are being removed hundreds of feet above the ocean, in August. The area below will be filled with materials from above, creating a place for the road to be built.

“That’s about 600-feet above where the roadway is ...” Walker said of the north cut. “That’s going to be cut all the way down to the roadway: It’s about 100,000 cubic yards [of material].”

The new road will meet the old highway on both sides of the slide, with the goal of opening the new highway at the end of next summer.

Caltrans is using georadar to watch the slope 24/7. If any major movement is detected, the contractor will be immediately alerted. In addition, land surveyors installed prisms on the slide to monitor movement above.

Planning for winter

When the rain returns to Big Sur, Caltrans assumes the rocks and dirt will move at larger volumes than is presently seen, but the current work projections will allow for maximum safety of workers at the site.

“When it rains, it rains a lot—the contractor won’t work,” Walker said. “What we’re hoping is that we won’t get weeks of rain, because besides not being able to work in the rain, it will saturate the soil. Then ... the contractor will have to wait for it to dry out.”

When the rainfall starts, natural springs pick up in the area.



Construction continues on Mud Creek slide, September 1, 2017.

“Since the slide, we don’t see the runoff or the springs, so we’re assuming [the water] is going underneath the slide,” he said.

Contractors will try to locate the natural springs and direct the water into a new drainage structure that is being built as part of the project. Piping is being placed in a channel to allow for diversions of the springs.

“There will be a 5-foot diameter [high-density polyethylene] pipe that will go underneath the new roadway, and then there will be what they call a ‘down drain’—a pipe that will take it all the way down to the rock slope or the ocean elevation,” Walker said. “That should get rid of the majority of the water.”

Springs will likely pop up to the north and south of the slide, where they have previously been seen. Although almost the entire hillside slid during the landslide, trees and bushes remain atop the 1,100-foot ridge. If the slide doesn’t resume some activity in this upcoming rainy season, it probably will at some time in the future.

“We’re hoping it’s going to happen where the [geotechnical] engineers think it will; therefore, it will be contained with the berms on top,” Walker said. “We know there will be some that slide down to where the new roadway will be, but we’re hoping that it’s minor and it can just be maintained and cleaned up during winter.”

Part 1 was published in the Fall 2017 Bulletin (www.bpelsg.ca.gov/pubs/bulletin.latest.pdf). Look for Part 3 of this article series in the next edition of the Bulletin.

All photos courtesy of John Madonna Construction Inc.

Get to Know Our Licensees



Meet Thomas G. Whitman, PG 6590, CEG 2155, Senior Engineering Geologist Working on Mud Creek's Big Sur Landslide Project

Why did you become a geologist?

My main interest in geology/ engineering geology came from the outdoor nature of the work and the problem-solving skills

required to understand complex problems. Geology requires the ability to look at a variety of pieces of information such as field mapping, geologic maps, surface and subsurface information, aerial photos, etc., and then putting them together to create a model that explains the conditions at a site.

What positions have you held as you advanced your career?

I started with Caltrans in 1990 as an entry-level geologist. I worked my way through the system and was promoted to senior engineering geologist by 1996. I have continued in that capacity since that time but expanded my role to work throughout the state.

Do you have any family members in your field?

No; however, my father was an aeronautical engineer.

Where did you attend school, and what degrees do you hold?

I attended Sierra College in Rocklin, Calif., where I became interested in geology. From there, I transferred to the University of California, Davis, where I continued to study geology and graduated in 1989 with a bachelor of science degree.

What value does your professional license represent to you, and how has it helped in your career?

I hold a license as a professional geologist and a certified engineering geologist. The understanding

and application of engineering geology in maintaining highway infrastructure is critical, and to pass and maintain a license demonstrates a level of competence and professionalism needed for this kind of work.

What are your responsibilities and duties in your position at Caltrans?

I am a senior engineering geologist with a small staff supporting the state's geotechnical design groups. My main role as an engineering geologist is to work on identification and mitigation of landslides and rockfall hazards that impact the highway system. In addition, I am involved in the Caltrans Rock Scaling and Climbing Program, which trains Caltrans maintenance staff to work on ropes in steep and difficult terrain to safely conduct rock scaling and avalanche work.

What are your responsibilities regarding the Mud Creek's Big Sur landslide project?

My initial role was to work with the geotechnical team to identify the limits of the landslide by conducting an extensive field mapping project to identify the scale of the landslide complex. The mapping project developed a model of the different components of the landslide and how they moved and interacted with each other. From the field mapping work, we developed mitigation approaches to re-establish the highway alignment. In addition, extensive survey work and the implementation of ground-based radar monitoring were implemented to develop a better understanding of the stability of the landslide complex as we began work on the site. I continue to work with the geotechnical team, construction, and Caltrans surveys to oversee the implementation of the mitigation strategies, with the goal of reopening the highway.

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Get to Know Our Licensees (continued from page 10)

What are the biggest challenges you face as an engineer or geologist regarding the Mud Creek slide?

The main challenge of working on the Mud Creek landslide complex is the sheer magnitude and size of the project and the terrain that the landside occurred in. For example, we estimate that 5.5 million yards of material translated downslope, creating 15 acres of new land off the California coast. However, at the end of the day, the Mud Creek landslide complex is no

different than any other landslide that I have worked on. It has all the same components as any other landside: a toe, body, head, head scarp, crown, and defined lateral margins. You just have to upscale your mitigation strategies to work on this project.



OUTREACH EVENTS: July–September 2017

August 3: CLSA Sacramento Chapter

Executive Officer Ric Moore, PLS, and Senior Land Surveyor Registrar Dallas Sweeney, PLS, gave a presentation on the new application process, new laws, test statistics, and enforcement updates.

August 23: CLSA Central Valley Chapter, Modesto

Senior Land Surveyor Registrar Dallas Sweeney, PLS, gave a presentation on the new application process, new laws, test statistics, and enforcement updates.

August 31: CLSA Cascade Chapter, Redding

Executive Officer Ric Moore, PLS, and Senior Land Surveyor Registrar Dallas Sweeney, PLS, gave a presentation on the new application process, new laws, test statistics, and enforcement updates.

September 13: CLSA Monterey Chapter and Monterey Student CLSA Chapter

Executive Officer Ric Moore, PLS, and Senior Land Surveyor Registrar Dallas Sweeney, PLS, gave a presentation on the new application process, new laws, test statistics, and enforcement updates.

RECOGNITION CERTIFICATES

On August 1, 2017, the Board sent 466 certificates to our three disciplines, in recognition of their many years of service to the people of the state of California.

Professional engineers

50-year certificates: 366 recipients

Professional land surveyors

40-year certificates: 64 recipients

Professional geologists

35-year certificates: 36 recipients

Enforcement Actions

Citations Issued to Licensees: Fiscal Year 2017–2018 (July–September)

Citations are issued to licensed engineers, land surveyors, geologists, and geophysicists when the severity of a violation may not warrant suspension or revocation of the licensee’s right to practice. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter, pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to Title 16 of the California Code of Regulations. You can read the laws on the Board’s website, www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the Board’s Enforcement Unit at BPESLG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

| Cited Person | Citation No. | Violation Code Section(s) | Date Final | Fine Amount | Status of Fine |
|---------------------|--------------|---|------------|-------------|----------------|
| ALEXANDER, DARRYL | 10534-L | 8759(a)(3),(4),(5); 8772; 8780(d); 464(c) | 7/13/2017 | \$1,500 | Paid |
| CASTILLO, MARGARITO | 10603-L | 6775(c) | 9/5/2017 | \$2,000 | Paid |
| GREENWELL, RONALD | 10597-L | 8761 | 8/7/2017 | \$500 | Paid |
| HA, SEUNGIL | 10593-L | 6749(a)(3),(5) | 7/6/2017 | \$1,000 | Paid |
| JOHNS, ALASTAIR | 10585-L | 6787(a) | 7/12/2017 | \$1,000 | Paid |
| LEE, JACK | 10584-L | 8761(b),(d); 8762(c); 8780(b),(d) | 9/30/2017 | \$2,000 | Paid |
| LOPEZ, MAURIZIO | 10472-L | 6787(a); 6775(g); 475(c)(1) | 8/25/2017 | \$1,000 | |
| VERKIC, STANA | 10606-L | 6749(a)(3),(4),(5); 6775(d) | 9/11/2017 | \$500 | |

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Enforcement Actions (continued from page 12)

Citations Issued to Unlicensed Individuals: Fiscal Year 2017–2018 (July–September)

Citations are an alternative to criminal prosecutions that the Board can use to enforce the laws prohibiting the unlicensed practice of engineering, land surveying, geology, and geophysics, or other activities for which a license is required. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to Title 16 of the California Code of Regulations. You can look up the code sections and read the laws on the Board’s website, www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the Board’s Enforcement Unit at BPESG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

| Cited Person | Citation No. | Violation Code Section(s) | Date Final | Fine Amount | Status of Fine |
|-------------------|--------------|-----------------------------|------------|-------------|----------------|
| JUNG, TED | 10596-U | 6787(d) | 7/7/2017 | \$2,000 | Paid |
| MASUD, MOHAMMED | 10456-U | 6787(a),(g),(j); 6738(a)(1) | 7/10/2017 | \$3,500 | |
| MISAKYAN, GREG | 10608-U | 6787(a),(g) | 9/11/2017 | \$1,000 | |
| PRIETO, GUILLIANO | 10600-U | 6787(a),(g); 8792(a),(i) | 8/7/2017 | \$2,500 | |
| PRIETO, JAIME | 10599-U | 6787(a),(g); 8792(a),(i) | 8/7/2017 | \$5,000 | |

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Enforcement Actions (continued from page 13)

Formal Administrative Disciplinary Decisions: Fiscal Year 2016–2017 (July–September)

A formal disciplinary decision is considered formal administrative disciplinary action against a licensee. It results from the Board’s adoption of a proposed decision prepared by an administrative law judge following a hearing, a stipulated settlement agreement, or a default decision following a full investigation and the filing of an accusation. An accusation is a formal legal document that notifies a licensee of the Board’s charges and allegations of violations against the licensee and that requests a disciplinary order be issued. The licensee is entitled to contest the charges at a formal hearing before an administrative law judge or to agree to a stipulated settlement. A final disciplinary decision contains findings and determinations or statements of advisements, waivers, and culpability, and a disciplinary order. If there are findings of violations, the order may include revocation or suspension of the license, a stayed revocation or suspension of the license with a probationary period and terms and conditions or probation, or a public reproof. In the alternative, the decision may find that no violations or violations of a de minimus nature occurred and order the dismissal of the accusation. All final disciplinary decisions are matters of public record. For a copy of the final decision or if you have any questions, you may contact the Board’s Enforcement Unit at BPESLG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the respondent and the case number in your request.

| Respondent | Case Number | Effective Date | Disciplinary Order |
|------------------|-------------|----------------|-------------------------------|
| CHU, TIEN MANH | 1136-A | 8/25/2017 | Revocation, stayed; probation |
| MEUM, OLAV | 1116-A | 9/22/2017 | Revocation of license |
| MICALLEF, SAVIOR | 1115-A | 8/25/2017 | Revocation, stayed; probation |
| MURILLO, GABRIEL | 935-A | 8/25/2017 | Revocation, stayed; probation |

For more information about the Board’s enforcement actions, visit our website at:
www.bpelsg.ca.gov/consumers/enforce.shtml.

(continued on page 15)

Enforcement Actions (continued from page 14)

Definitions: Outcomes of Formal Administrative Disciplinary Decisions

Public Reproval: The licensee is sent a letter of public reproval advising him or her of the violations. The letter is a matter of public record, and a copy will be provided upon request. There are no restrictions on the right to practice, nor is the licensee on probation. This action constitutes formal administrative disciplinary action against the license (and is not the same as a citation).

Revocation, Stayed; Probation: The order of revocation of the license has been stayed (put on hold), and the licensee has been placed on probation for a specified period of time with terms and conditions. If probation is successfully completed, the license will be fully restored. If the probation is violated, the Board can pursue further action to terminate the stay and impose the order of revocation.

Revoked or Revocation of License: The license is terminated, and the right to practice is ended.

Suspended: The licensee is prohibited from practicing for a specific period of time.

Voluntary Surrender or Surrender of License: The license has been voluntarily returned to the Board, and the right to practice has ended. This action constitutes formal administrative disciplinary action against the license.

In Memoriam

In celebration of the lives and contributions of the following professionals, the Board would like to recognize professionals licensed as engineers, land surveyors, or geologists who recently passed away. Below is a list of individuals who have departed between July and September 2017. This list may not include all those who have recently passed away as we rely on information from the public, other licensees, and family members. Please contact the Board regarding individuals who have recently passed.

| Name | License Number | Years of Service |
|---------------------------|-----------------|------------------|
| Engineer | | |
| Bruce Newell Bradley | E 11504 | 34 |
| Bryce E. Carroll | C 23770 | 43 |
| Robert W. Coates | C 19928 | 47 |
| David W. Horton | FP 1140 | 32 |
| John Arthur Macy | C 17619 | 50 |
| Robert Barclay Rogers | E 15294 | 21 |
| Jonathan Kistler Thomsic | E 14961 | 22 |
| James Arnold Wampler | QU 480 | 41 |
| Land Surveyor | | |
| Donald Lawrence Gallagher | L 6681 | 25 |
| Toni Lee Scorable | L 6905 | 24 |
| Marc Roy Van Zuuk | L 6230 | 28 |
| Michael Kenneth Welch | L 3485 | 50 |
| Multiple Licenses | | |
| Robert W. Crommelin | C 9667, TR 488 | 62, 40 |
| Corneal Alfred Niese | C 21263, L 3677 | 46, 48 |
| Steven Bradley Tipping | C 25101, S 2257 | 42, 39 |
| Patrick Eli Vujovich | C 22230, S 2109 | 44, 41 |

Monument Preservation: Best Practices for Agencies

DALLAS SWEENEY, PLS
SENIOR LAND SURVEYOR REGISTRAR

With the passage of Senate Bill 1, the Road Repair and Accountability Act of 2017, which was signed into law on April 28, 2017, there will be an estimated investment of \$54 billion over the next decade to fix roads, freeways, and bridges in California communities. (For more information about SB 1, visit <http://rebuildingca.ca.gov>). With this investment, local and state agencies are required to have a plan in place that ensures that all projects related to this Act incorporate procedures that preserve existing monuments.

The following laws direct the agencies regarding monument preservation:

- California Street and Highways Code sections 732 and 732.5 (https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=SHC&division=1.&title=&part=&chapter=3.&article=3)
- Business and Professions Code (Professional Engineers Act) section 6730.2 (www.bpelsg.ca.gov/laws/pe_act_unannotated.pdf)
- Business and Professions Code (Professional Land Surveyors' Act) sections 8725.1 and 8771 (www.bpelsg.ca.gov/laws/pls_act_unannotated.pdf)

Monument preservation should begin at the planning stage of a project, with a land surveyor providing information from record maps and deeds as to the monuments that will be affected during construction. Once the project begins to move forward, all monuments that will possibly be affected should be field-located during the initial survey, and a preconstruction Corner Record or Record of Survey shall be filed with the county surveyor. If this is not accomplished during the initial field survey, then it is required that the monuments be located and referenced prior to construction and a Corner Record or Record of Survey shall be filed with the county surveyor.

Upon completion of the project, there needs to be sufficient controlling monuments replaced or retained to enable property, right-of-way, and easement lines; property corners; subdivision and tract boundaries; and horizontal and vertical survey control to be re-established without devious surveys necessarily originating on monuments differing from those that currently control the area. Any monuments replaced or monuments set to reference monuments shall be shown on a Corner Record or Record of Survey filed with the county surveyor.

All the surveying must be done by, or under the responsible charge of, those authorized to survey in California, and all the surveying work must be contracted for by those authorized to survey in California. Furthermore, compliance with the monument preservation laws for these projects is the responsibility of the designated licensee, either civil engineer or land surveyor, in responsible charge of these projects within the agency's purview. Agencies are required to file a Notice of Department Designation Form (NODD) with the Board indicating who the designated licensees in responsible charge are. The NODD form and information about it are available on the Board's website at www.bpelsg.ca.gov/licensees/nodd_form_info.shtml.

We are available to assist agencies with compliance regarding monument preservation regulations. If you need our assistance, contact Senior Land Surveyor Registrar Dallas Sweeney via email at dallas.sweeney@dca.ca.gov.

National Association News



ASBOG

The National Association of State Boards of Geology (ASBOG) is a not-for-profit, nongovernmental accrediting agency that serves

as a connective link among the individual state geologic registration licensing boards for the planning and preparation of uniform procedures and the coordination of geologic protective measures for the general public.

One of ASBOG's principal services is to develop standardized written examinations for determining qualifications of applicants seeking licensure as professional geologists. To learn more about ASBOG, visit www.asbog.org.

A representative from the Board attended ASBOG's annual meeting held in Portland, Oregon, during the week of October 30, 2017, and reported the following news associated with geologist licensing:

- The American Institute of Professional Geologists (AIPG) is intending to create a new membership category named "Nationally Licensed Geologist," which raised concerns among the member licensing boards in attendance. Boards were concerned it would create a public perception that AIPG has legal authority to grant a license to practice geology.
- ASBOG recognizes that computer-based testing (CBT) is quickly becoming a common method for taking certification/licensing examinations and has begun to research the possibility of converting their processes from paper-based to CBT.
- ASBOG is proposing revisions to their Model Regulations related to the development of core courses required for licensure that are similar to the current rulemaking efforts underway by the California Board.
- The first geoscience program to be accredited by ABET (www.ABET.org) is at the University of Arkansas at Little Rock.



www.BPELSG.CA.GOV



Facebook - www.facebook.com/pages/The-Board-for-Professional-Engineers-Land-Surveyors-and-Geologists/107020752801578



Twitter - twitter.com/CA_Engineers

Board Speakers Available

The Board continues in its efforts to reach out to groups interested in any of the broad array of Board functions. As part of this outreach effort, we have speakers available to present at meetings and events; speakers include Executive Officer Ric Moore, PLS; Assistant Executive Officer Nancy Eissler; Enforcement Manager Tiffany Criswell; Senior Professional Engineer Registrar Mike Donelson, P.E.; Senior Land Surveyor Registrar Dallas Sweeney, PLS; and Senior Registrar for Geologists and Geophysicists Laurie Racca, P.G.

Our Enforcement, Licensing, Examination, and Outreach Units all have speakers authorized to represent the Board. To request a speaker, we will need the following information: size of group, location, time, length and type of presentation, and proposed subject matter. Appropriate advance notice is always appreciated. Current and former Board members may also appear on the Board's behalf, depending on availability.

For more information, contact the Outreach Administrator at the Board, Brooke Phayer, at Brooke.Phayer@dca.ca.gov or (916) 263-2239.

Contact Us

California Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Suite 300, Sacramento, CA 95833

| | | |
|---|------------------------|----------------|
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| Executive Officer | Ric Moore | (916) 263-2222 |
| Assistant Executive Officer | Nancy Eissler | (916) 263-2222 |
| Administration Supervisor | Jeff Alameida | (916) 263-2222 |
| ENFORCEMENT AND COMPLAINTS | | |
| | | (916) 263-2284 |
| FINGERPRINTING | | |
| | | (916) 572-7097 |
| LICENSURE AND CERTIFICATION QUALIFICATIONS OR APPLICATIONS | | |
| EIT(FE), LSIT(FS), GIT(FG) Certifications | | (916) 263-2222 |
| PE Licensure Qualifications or Applications | | (916) 263-2222 |
| PLS Licensure Qualifications or Applications | | (916) 263-2222 |
| All Geologists and Geophysicists | | (916) 263-2193 |
| LICENSE RENEWAL | Vicki Kereszt | (916) 263-2268 |
| OUTREACH | Brooke Phayer | (916) 263-2239 |
| SENIOR REGISTRARS (FOR PROFESSIONAL LICENSES) | | |
| Engineers (Civil, Structural, Traffic, and Geotechnical) | | (916) 263-2222 |
| Engineers (Other Than Civil, Structural, Traffic, and Geotechnical) | Michael Donelson, P.E. | (916) 572-2248 |
| Geologists and Geophysicists | Laurie Racca, P.G. | (916) 263-2406 |
| Land Surveyors | Dallas Sweeney, PLS | (916) 263-2271 |
| WEBMASTER | Celina Calderone | (916) 263-2230 |

Board Subscribers List Reminder

Receiving email notifications regarding meetings, legislation, or e-news from the Board couldn't be easier. Simply join our subscribers list on the Board's website. You will then be connected to new editions of the *Bulletin*, notified when the Board holds meetings, and receive information related to consumers, candidates, or licensees.

Joining the subscribers list can be done in just a few easy steps:

1. Visit the Board's website at www.bpelsg.ca.gov.
2. Click on "Subscribe to the Board's Email List" in the "Quick Hits" section.
3. Enter your email address and the specified text or audio link to validate submission of your data.
4. Click on "Submit," then you will receive a confirmation email.



**California Board for Professional Engineers,
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Board Calendar

JANUARY

- 1/1: New Year's Day—Board Office Closed
- 1/8–9: Board Meeting
- 1/15: Martin Luther King Jr. Day—Board Office Closed

FEBRUARY

- 2/19: Presidents' Day—Board Office Closed

MARCH

- 3/8: CA CSE PG Exam
- 3/8–9: Board Meeting
- 3/16: ASBOG Exams
- 3/31: Cesar Chavez Day

Continuous Testing Exams:

NCEES PS, Chemical, and FE/FS



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS



BULLETIN



Social Media: Board Facebook and Twitter Pages

The Board is asking for your help in getting the word out regarding the launch of its Facebook and Twitter pages. The Board is now posting information of interest to postsecondary institutions and students on a regular basis. This information includes regulatory changes, updates to our website, interesting articles, useful resources, and a host of other Board-related data.

For those institutions that communicate with students through email or some other means, we invite you to share this information with them. The Board is anxious to use these social media outlets as an ongoing way to reach our stakeholders. Thank you for your assistance in spreading the word.

Please take a few minutes to “like” us on Facebook and follow us on Twitter:

 **Facebook** - www.facebook.com/pages/The-Board-for-Professional-Engineers-Land-Surveyors-and-Geologists/107020752801578

 **Twitter** - twitter.com/CA_Engineers



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