

WINTER 2016

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BULLETIN

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Message From the Executive Officer

RICHARD B. MOORE, PLS

Each licensee who reads this Board for Professional Engineers, Land Surveyors, and Geologists (Board) *Bulletin* newsletter should ask themselves: How often do I, as a licensed professional engineer, review Business and Professions Code (BPC) Sections 6700–6799; or as a licensed land surveyor, review BPC Sections 8700–8805; or as a licensed professional geologist and geophysicist, review BPC Sections 7800–7887?

There is a reason these are referred to in common industry nomenclature as the Professional Engineers Act, the Professional Land Surveyors' Act, and the Geologist and Geophysicist Act, respectively. These are the state statutes that mandate how these specific licensees become licensed and provide services to the public in California.

What about Title 16, California Code of Regulations Sections 400–476 and 3000–3067? These are the regulations, or more commonly referred to as the Board Rules, that mandate how the Board implements those acts and statutes.

Outreach experiences and disciplinary statistics show that very few licensees take the time to familiarize themselves with these laws, and annual changes thereof, even though by simply being licensed—initially and every renewal—each licensee states that he or she has not only read those laws but will abide by them at all times.

One of the more important changes to these laws that is slated to become effective in 2017 implements a regular assessment of each licensee's understanding related to common violations of the previously mentioned acts and regulations, including revisions that occur from time to time. The Board believes that by requiring licensees to familiarize themselves in this manner, the results should be mutually beneficial to the general public being served

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New Senior Registrar: Land Surveyor Dallas Sweeney



New Senior Registrar,
Dallas Sweeney

The Board is pleased to announce a new Senior Registrar-professional land surveyor on staff—Dallas Sweeney. Dallas comes to the Board with more than 32 years' experience in the land surveying industry. Dallas is a Past President of SAGE (Surveyors, Architects, Geologists, and Engineers of El Dorado County) and was the owner/operator of Sweeney Land Surveying before joining the Board. Here's more background, straight from Dallas:

"I have grown up in the surveying world. With my father being a licensed surveyor and having his business since 1973, I have always been interested in surveying and started going in the field carrying lath with my wagon at a young age. By my 12th birthday, I was a chainman and getting paid! I ventured away from the industry for a few years and did some retail management in the automotive industry, quickly realizing I enjoyed surveying more. In October 2008, I took the exam and received my license on January 16, 2009. When not working, I enjoy my family! Our son plays baseball and basketball, and raises steers for showing at Jackpot shows and 4H. I believe in supporting the youth of the community and am actively involved in 4H and Little League."

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Brooke C. Phayer, *Bulletin* Editor

Message From the Executive Officer (continued from page 1)

by licensees. This assessment will be implemented later in 2017 to coincide with license renewals.

The Board is also embarking on much-needed changes to the application and examination processes; most noticeably with a campaign that emphasizes that individuals submit applications to the Board to become licensed, not just to take an exam. Technological advances in delivering examinations allow potential candidates for licensure to recognize that the examination requirement is only one step toward attaining licensure and, in that regard, takes a backseat to the all-important experience criteria. Actual real-world experience, more than anything else, is what the public needs when hiring a professional to serve their engineering, land surveying, or geological needs.

Please take the time to peruse more information about these topics and more in this edition of the *Bulletin*. And please sign up for the Board's e-mail subscriber list. It can be found at www.bpelsg.ca.gov under "Quick Hits." This is the simplest way for practicing professionals, applicants, and others to stay in touch with what's happening at the Board.

Changes in Application Process Bring More Examination Opportunities

In a continuing effort to fulfill the Board’s strategic goal to provide more opportunities for examination and licensing, we have made changes to the application and examination process that coincide with the opening of the National Council of Examiners for Engineering and Surveying’s (NCEES) examination management system in December 2016.

Licensure candidates in California are now able to register with NCEES for the national exam required for their intended discipline without having to apply to the Board first. The only criteria necessary to be able to do this is that each candidate must have previously passed the fundamentals examination pertinent to their intended discipline (engineering or surveying) and agree to abide by NCEES’ and the Board’s examination policies.

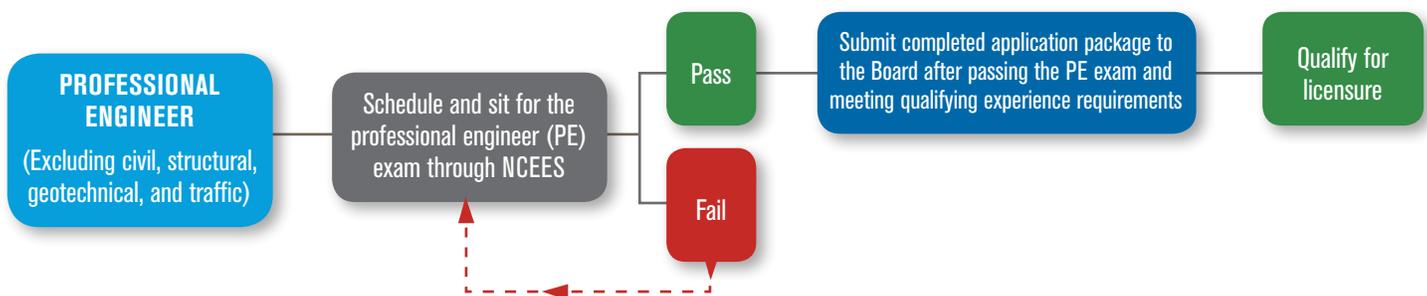
For those examinations that are still paper-based and administered each spring or fall by NCEES, as well as examinations that are computer-based (currently Fundamentals of Engineering [FE], Fundamentals of Surveying [FS], Principles of Surveying [PS]) and administered continuously, this means the candidate can register with NCEES anytime its online system allows them to do so and schedule for the national examination without first submitting an initial application or refile application to the Board.

Once the appropriate national examination(s) are passed and the candidate has met all experience requirements in accordance with the laws of California, the candidate would then submit an application in their desired discipline for consideration for licensure. The requirements to pass any California state exams needed for licensure have not changed. If any California state exams are required, the candidate would submit the licensure application to the Board with the required application and state examination fees, and would then be notified by the Board of their authorization to schedule for the California state exams.

Please regularly check the Board’s website, www.bpelsg.ca.gov, for any updates.

New Application Process for Professional Engineers and Land Surveyors

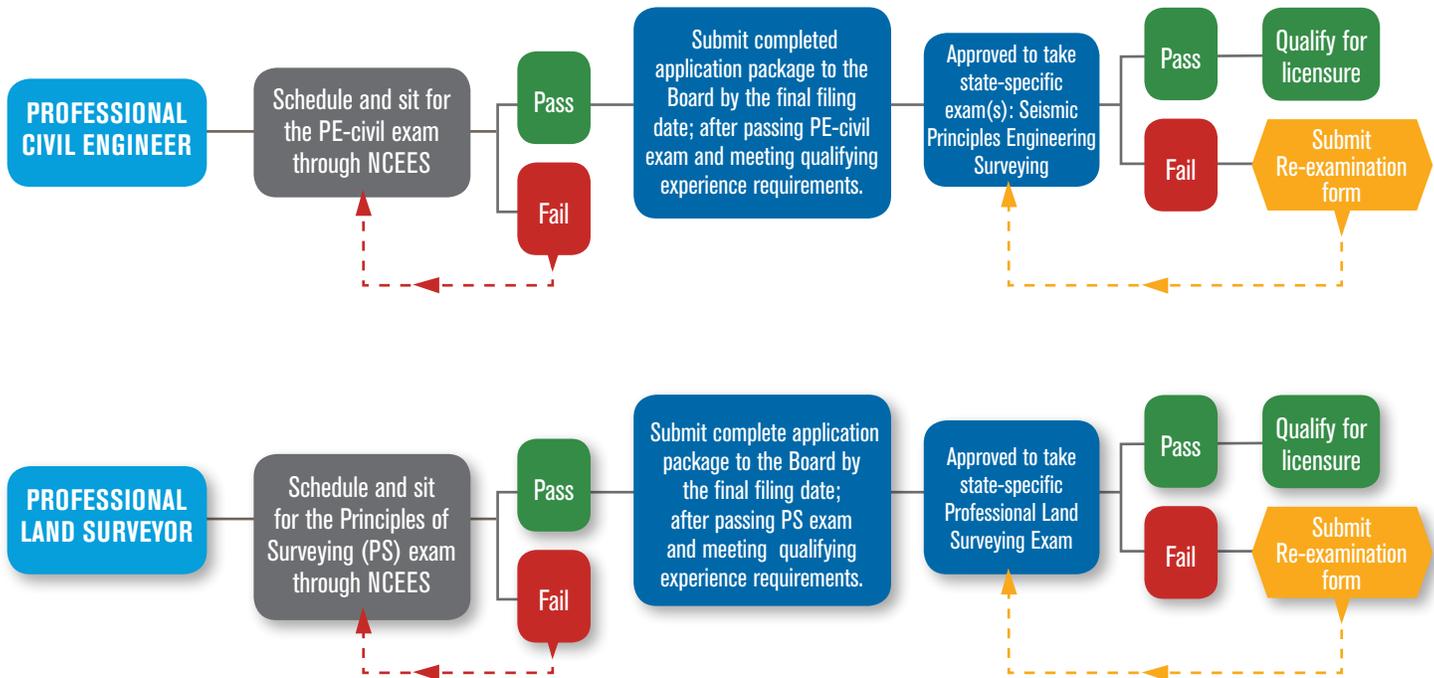
This is an overview of the new process that applicants should follow to schedule and take national examinations. The process only applies to licensure applicants who require a national examination (excluding structural engineering applicants).



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New Application Process for Professional Engineers and Land Surveyors (continued from page 3)



FAQs: New Application Process for Professional Engineers and Land Surveyors

Q. *What if I have already submitted my application to take a national exam for the spring 2017 exam cycle?*

A. If you have already submitted your application, it will be processed along with all other applications we received. However, you no longer need to wait for Board approval to take the national exam. You may register with the National Council of Examiners for Engineering and Surveying (NCEES) as soon as their registration system opens. You will then notify the Board when you pass the national exam, and we will complete the processing of your application.

Q. *Do I need to notify the Board when I want to take a national exam?*

A. No. You only need to notify the Board once you have passed the national exam. If you have not already submitted an application for licensure to the Board, you will submit it after you pass the national exam.

Q. *What do I do if I don't pass the national exam?*

A. You will need to wait until NCEES opens registration for their next exam cycle and register with NCEES at that time. You will continue to register with NCEES during their open registration periods until you have passed the national exam. You do not need to notify the Board until you have passed the national exam.

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New Application Process for Professional Engineers and Land Surveyors (continued from page 4)

Q. *What do I do if I don't pass the state-specific exam(s)?*

A. You will need to submit the Re-examination Form for California State Examination(s) (www.bpelsg.ca.gov/applicants/re-examination_form.pdf) to retake the exam(s) along with the required exam fee(s).

Q. *Am I required to pass the NCEES Fundamentals of Engineering (FE) prior to being able to register and sit for the National PE Exam or pass the Fundamentals of Surveying (FS) exam prior to being able to register and sit for the National PS Exam?*

A. Yes. Passing the FE (for engineering) or FS (for surveying) exam is required before being considered eligible to register and sit for the national professional-level exams. If an individual wishes to not take and pass the requisite Fundamentals exam, an application for licensure as a Professional Engineer or Professional Land Surveyor with "Fundamentals Waiver Requested" must be submitted and approved by the Board prior to registering to sit for the national professional-level exam. Once the Board approves the application, the applicant does not need to submit the Re-examination Form or contact the Board again until they have passed the NCEES exam. Once they pass the NCEES exam, they will submit to the Board the Notification of Successful National Examination form (www.bpelsg.ca.gov/applicants/board_notification_form.pdf).

Q. *Do structural engineer applicants need to be approved by the Board prior to registering for the NCEES exam?*

A. Yes. Structural engineer applicants must submit their applications to the Board for approval prior to registering for the NCEES exams. Once the Board approves their application, the applicant does not need to submit the Re-examination Form or contact the Board again until they have passed the NCEES exam. Once they pass the NCEES exam, they will submit to the Board the Notification of Successful National Examination form (www.bpelsg.ca.gov/applicants/board_notification_form.pdf).

Board Subscribers List Reminder

Receiving e-mail 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 issues of the Board *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 E-mail List" in the "Quick Hits" section.
3. Enter your e-mail address and the specified text or audio link to validate submission of your data.
4. Click on "Submit," then you will receive a confirmation e-mail.

Chaptered Legislation and Upcoming Changes in the New Year

Every legislative session, the Board tracks and analyzes bills that impact the Board's operations, the licensed professions the Board regulates, and the statutes that determine that authority. We consistently strive to identify, analyze, and advertise at public Board meetings the bills introduced that may change the landscape of our statutory authority.

For more information on upcoming Board meetings and to download meeting materials, go to www.bpelsg.ca.gov/about_us/meetings/index.shtml. The following is a summary of chaptered legislation that takes effect January 1, 2017, and information on the impact to our licensees, consumers, and the public.

Legislation

Senate Bill 1085 (Roth)

Laws and Regulations Renewal Assessment

Status: Signed by Governor. Chaptered by Secretary of State. Chapter 629, Statutes of 2016. Changes effective January 1, 2017.

Laws: An act to add Sections 6795.2, 7881.5, and 8801.1 to the Business and Professions Code, relating to professions and vocations.

Bill summary: Existing law makes the Board responsible for the certification, licensure, and regulation of the practice of professional engineers, the practice of professional geologists and geophysicists, and the practice of professional land surveyors. This bill would additionally require licensees to complete an online assessment on the laws and regulations under the Board's jurisdiction, as specified in the legislation.

Comment: The Board sponsored this legislation. This bill will safeguard the public

from unnecessary non-practice-related violations of the laws committed by California professional engineers, land surveyors, and geologists. Based on the Board's experience, licensees fail to adequately and independently stay up-to-date with critical legal and regulatory changes that directly affect the manner in which they provide services to and for the general public. This bill will institute an online assessment relating to California laws and regulations under the Board's jurisdiction to reinforce licensee's knowledge of the relevant laws. For further details, check back on the Board's website (www.bpelsg.ca.gov) in the coming months as we implement this change.

Senate Bill 1165 (Cannella)

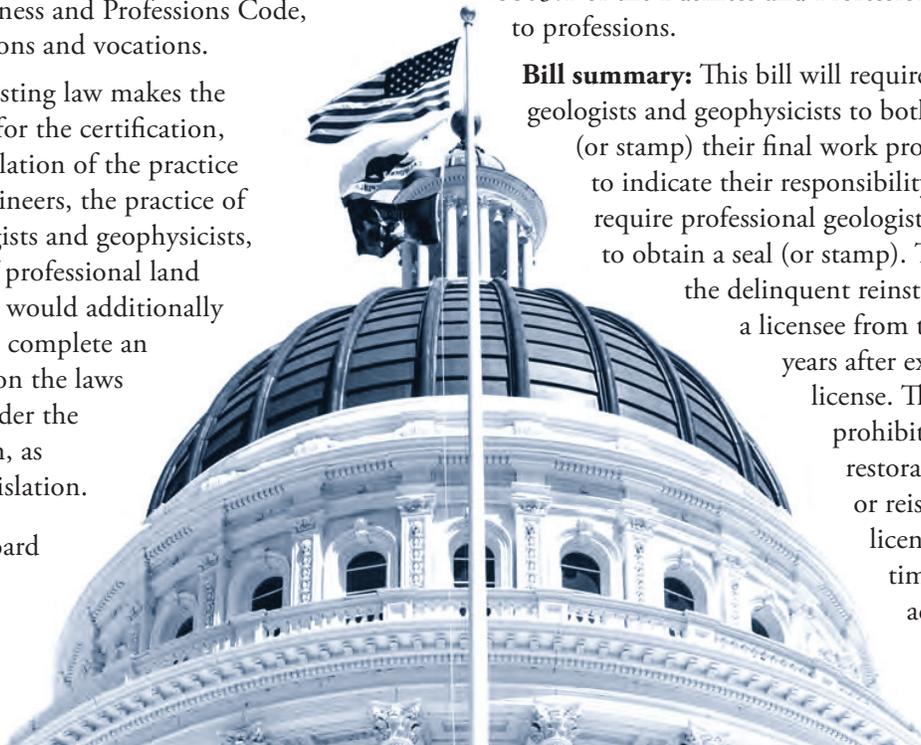
Sign/Seal and Delinquent Reinstatement

Status: Signed by the Governor. Chaptered by Secretary of State. Chapter 236, Statutes of 2016. – 8/29/2016. Changes effective January 1, 2017.

Laws: An act to amend Sections 6796, 6796.3, 6796.5, 7835, 7835.1, 7852, 7852.1, 7884, 8802, 8803, and 8803.1 of the Business and Professions Code, relating to professions.

Bill summary: This bill will require professional geologists and geophysicists to both sign and seal (or stamp) their final work product documents to indicate their responsibility for them and to require professional geologists and geophysicists to obtain a seal (or stamp). This bill will extend the delinquent reinstatement rights to a licensee from three years to five years after expiration of their license. The bill will generally prohibit the renewal, restoration, reinstatement, or reissuance of these licenses after this time. This bill would additionally allow an applicant

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Chaptered Legislation and Upcoming Changes in the New Year (continued from page 6)

for licensure as a geologist, instead of the graduation requirement, to have completed a combination of at least 30 semester hours, or the equivalent, in courses that, in the opinion of the Board, are relevant to geology, and would require that at least 24 semester hours, or the equivalent, be in upper division or graduate courses. The bill would also make other technical and conforming changes. This bill would also make changes to the laws to clarify that a person applies for a license or certificate, not just to take an exam.

Senate Bill 1479 (Senate Business, Professions and Economic Development Committee)

Committee Omnibus Bill

Status: Signed by the Governor. Chaptered by Secretary of State. Chapter 634, Statutes of 2016. – 9/25/2016. Changes effective January 1, 2017.

Laws: An act to amend Sections 7844 and 7887 (among others) of the Business and Professions Code, relating to professions.

Bill summary: This bill will authorize the Board to make arrangements with a public or private organization to conduct the examinations relating to geology and geophysics. The bill will authorize the Board to contract with such an organization for materials or services related to the examinations and will authorize the Board to allow an organization specified by the Board to receive, directly from applicants, payments of the examination fees charged by that organization for materials and services.

Comment: Changes to geology and geophysics examination arrangements and payments of the examination fees with a public or private organization are consistent with Sections 6754 and 8745 of the Business and Professions Code, related to professional engineers and professional land surveyors.

Regulations

The Board submitted a rulemaking proposal to amend Section 425 of Title 16, Division 5, of the California Code of Regulations (CCR) regarding reasonable educational or experience requirements necessary to qualify for the professional land surveyor license. The Notice was published in the California Regulatory Notice Register on August 12, 2016 (Register 2016, No. Z-2016-0802-09).

The Board submitted a rulemaking proposal to amend Sections 3036.1, 3036.2, 3037.1, and 3037.2 of Division 29 of Title 16 of the CCR relating to examination appeals for geophysicists, specialty geologists, and geophysicists. The Notice was published in the California Regulatory Notice Register on May 27, 2016 (Register 2016, No. Z-2016-0517-09).

The Board submitted a rulemaking proposal to amend Sections 426.10, 426.14, and 426.50 of Division 5 of Title 16 of the CCR relating to structural and geotechnical engineer qualifying experience. The Notice was published in the California Regulatory Notice Register on May 6, 2016 (Register 2016, No. Z-2016-0426-05).

The Board submitted a rulemaking proposal to amend Sections 472, 472.1, 472.2, 472.3, 472.4, 473, 473.1, 473.2, 473.3, 473.4 3062, 3062.1, 3062.2, 3062.3, 3062.4, 3063, 3063.1, 3063.3, and 3063.4 of Title 16 of the CCR relating to updating language regarding the Citation Program. The Notice was published in the California Regulatory Notice Register on March 11, 2016 (Register 2016, No. Z-2016-0301-03).

The Board submitted a rulemaking proposal to amend Section 464 of Title 16 of the CCR relating to updating language regarding the Corner Record. In addition, this proposal makes other changes as a result of legislation. The amendments will become effective April 1, 2017.

All information pertaining to these rulemaking proposals can be found on the Board's website, www.bpelsg.ca.gov/about_us/rulemaking.shtml.

National Association News

NCEES

The National Council of Examiners for Engineering and Surveying (NCEES) is a national nonprofit organization dedicated to advancing professional licensure for engineers and surveyors. It develops, administers, and scores the examinations used for engineering and surveying licensure in the United States. To learn more about NCEES, visit <http://ncees.org/about-ncees/>.



NCEES
advancing licensure for
engineers and surveyors

2017 Calculator List Approved, New Model Added

NCEES recently approved the calculator models that can be used during NCEES computer-based and pencil-and-paper exam administrations in 2017. The models approved for last year remain on the list, but a new model has been added: Casio fx-991. The following is the full list of calculators approved for 2017:

- **Casio:** All fx-115 and fx-991 models (any Casio calculator must have “fx-115” or “fx-991” in its model name).
- **Hewlett-Packard:** The HP 33s and HP 35s models, but no others.
- **Texas Instruments:** All TI-30X and TI-36X models (any Texas Instruments calculator must have “TI-30X” or “TI-36X” in its model name).

Limiting the types of calculators allowed in the exam room is one of the measures NCEES takes to protect the integrity of its exams.

NCEES Reduces FE, FS Exam Prices Beginning 2018

The U.S. engineering and surveying licensure boards that make up NCEES have voted to amend its policy on exam charges to lower the price for the Fundamentals of Engineering (FE) and Fundamentals of Surveying (FS) exams by \$50 to \$175 beginning January 2018. The decision was made at the organization’s 95th annual meeting, held August 24–27, 2016, in Indianapolis, Indiana.

Delegates also set a price for the computer-based Principles and Practice of Engineering (PE) exam. None of the PE exams, which NCEES offers in 24 disciplines, is currently administered through computer-based testing (CBT), but the organization is preparing for future transitions to CBT. Following on the action taken by NCEES in 2015 that set the price of \$375 for the computer-based delivery of the Principles and Practice of Surveying (PS) Exam, which became effective October 2, 2016, NCEES set a new price of \$375 for computer-based PE exams, which could take effect as early as January 2018 with the release of the first computer-based PE exams.

For more NCEES news, visit <http://ncees.org/news/>.



Enforcement Actions

Citations Issued to Licensees: Fiscal Year 2016–17 (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
AMOROSO, GREGORY	10526-L	8761(d); 8762(c); 8764(d)	9/9/2016	\$1,500	Paid
AVILA, JOSE	10496-L	8792(i)	7/21/2016	\$2,000	Paid
BARRETT, TERRY	10495-L	8780(f)	7/21/2016	\$2,000	
BEIZAI, VAHID	10513-L	6735(a); 6749(a)(5); 6775(c),(h)	8/17/2016	\$2,000	
CROWLEY, JEREMIAH	10503-L	8762(c)	7/23/2016	\$0	N/A
FAIRBAIRN, HENRY	10515-L	6736; 6775(c)	8/19/2016	\$1,600	
FOSTER, MICHAEL	10527-L	8762(b)(2); 8762(c); 8780(b)	9/17/2016	\$1,000	
GAPASIN, ARTHUR	10525-L	8792(a); 6735(a); 6749(a); 404.1	9/7/2016	\$5,000	Paid
HALLBERG, JAMES	10502-L	8759(a)(4),(5); 8780(h); 476(b)(2), (d)	7/23/2016	\$3,500	Paid
JAUREGUI, MICHAEL	10229-L	6775(f); 404.1	7/15/2016	\$5,000	
LAI, YOON	10500-I	8780(b)	9/28/2016	\$500	Paid
LAI, YOON	10492-L	8780(b)	9/28/2016	\$500	Paid
LEE, HAWK NIN	10519-L	6775(d)	8/20/2016	\$500	Paid
MIEDEMA, RONALD	10509-L	8761(d); 8780(b); 464(c)	8/6/2016	\$1,250	Paid
MIEDEMA, RONALD	10508-L	8759(a); 8762(c); 8780(b)	8/6/2016	\$3,000	
OWENS, THOMAS	10481-L	6749(a)(3); 6775(c)	8/27/2016	\$500	Paid
PINTOR, ERNEST	10514-L	8729(i); 8759(a)(4); 8767; 8780(b)	8/17/2016	\$1,600	Paid
PRADO, ANTONIO	10523-L	6738(i); 6749(a)(4),(5); 6775(d),(h)	9/1/2016	\$1,000	
RODRIGUEZ-FERNANDEZ, VICTOR	10414-L	6749(a); 6775(f)	8/10/2016	\$2,500	Paid
RYMER, STEVEN PATRICK	10337-L	6749(a)(3),(4), (5); 6775(c),(d)	9/7/2016	\$5,000	
SCHNEIDER, FREDERICK	10417-L	6749(a); 6775(c),(d)	8/22/2016	\$2,000	
STAFFORD, PATRICE	10501-L	6749(a)(5); 6775(d)	7/23/2016	\$1,250	

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Enforcement Actions (continued from page 9)

Citations Issued to Unlicensed Individuals: Fiscal Year 2016–17 (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 BPELSG.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
GROUP LAND SURVEYORS	10499-U	6787(a),(g); 8792(a),(i)	7/22/2016	\$10,000	
JEHN, LANCE	CG 2013-27	7872(a),(g)	7/19/2016	\$2,000	Paid
JERNIGAN, HARVEY	10494-U	8792(a)	7/21/2016	\$2,000	Paid
OROZCO, SIGFRIDO	10528-L	6787(a),(g)	9/17/2016	\$2,000	
RAMIREZ, AL	10317-U	6787(a); 8792(a)	7/14/2016	\$2,000	
WHITE, JOHN	10088-L	8792(a)	9/25/2016	\$1,000	Paid

Formal Administrative Disciplinary Decisions: Fiscal Year 2016–17 (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 BPELSG.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
BORMUTH, ALLEN	997-A	9/23/2016	Revocation of license
JONG, HANK HSING-LIAN	CG 2010-15	9/23/2016	Revocation, stayed; probation
KAZEMI, NICK	1092-A	9/23/2016	Revocation, stayed; probation
LEE, FRANK TZONG-HWAI	939-A	7/15/2016	Revocation, stayed; probation
REDD, TIMOTHY	1125-A	9/23/2016	Revocation of license
SANCHEZ, PABLO	1033-A	7/15/2016	Voluntary surrender of pre-82 civil engineer license; issuance of new civil engineer license
SCHNEIDER, DAVID LOREN	1079-A	7/15/2016	Voluntary surrender of license
SHICK, MICHAEL	1044-A	9/23/2016	Revocation, stayed; probation
STURGIS, TERRY	1120-A	9/23/2016	Revocation, stayed; probation
WILTON, DUSTIN	1129-A	9/23/2016	Revocation, stayed; probation
YANG, RAYMOND	CG 2010-16	9/23/2016	Revocation, stayed; probation

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.

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 Registrar Susan Christ, P.E.; Senior 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.



OUTREACH EVENTS: July–September 2016



Groundwater Resources Association of California

GRA CAST



Understanding Licensure Requirements in California An Overview for the Groundwater Professional

July 27, 2016



California Board for Professional Engineers, Land
Surveyors, and Geologists (BPELSG)

Laurie Racca, PG
Senior Registrar for Geology & Geophysics

Ric Moore, PLS
Executive Officer BPELSG

July 27: Board Executive Officer Ric Moore and Senior Registrar Laurie Racca participated in a Groundwater Resources Association of California webinar. The presentation focused on the evolution and current status of licensing laws and regulations, a review of key concepts regarding professional licensure, and the importance of mentoring young professionals. More than 100 people attended the presentation via webinar.

August 23: Approximately 35 people attended the Association of Engineering Geologists meeting to hear Senior Registrar Laurie Racca give the talk “Understanding Geology Licensure in California: Historical Perspective, Today’s Purpose, Planning for Tomorrow.” The presentation included an update of Board activities specific to the Geology and Geophysics Program, and a summary of the preliminary activities associated with the ongoing process of updating the education requirements for a professional geologist license.



September 8 and 26: A presentation to educate students and faculty regarding professional licensing requirements was given at California State University, Long Beach, and Humboldt State University. Students were encouraged to obtain their geologist-in-training certificate by taking the national Fundamentals of Geology examination as soon as they are qualified. The presentation instructed students to begin taking control of their future careers by understanding licensing requirements and keeping up to date with activities at the Board. Approximately 30 people attended at each location.

September 15: Approximately 25 Department of Water Resources (DWR), Geologic Investigation Services, staff attended a presentation and discussion lead by Senior Registrars for Engineering, Susan Christ and Mike Donelson; Senior Registrar for Geology and Geophysics, Laurie Racca; and Executive Officer Ric Moore. The presentation on “Understanding the Licensure Laws, Responsibilities of the Licensee, and Protection of the Public” was requested by DWR staff to help keep them current on the requirements associated with their professional licenses.

September 23: Approximately 20 people attended a Central Valley Regional Water Quality Control Board presentation and discussion lead by Senior Registrar Laurie Racca in Redding, California. Those in attendance represented both public agencies and private consultants. The presentation on “Understanding the Licensure Laws, Responsibilities of the Licensee” focused on updates to the laws and regulations that occurred in 2016.

September 26: The Humboldt Friends of Geology hosted a presentation on “Understanding the Licensure Laws, Responsibilities of the Licensee” focused on updates to the laws and regulations that occurred in 2016. Approximately 15 people attended the presentation held in Arcata, California.

October 5: Executive Officer Ric Moore was invited to facilitate a discussion at the Los Angeles Department of Water and Power on recent legislative/regulatory changes that affect the Board’s operations and licensure, including future changes to the application for licensure process and examinations. Approximately 50–75 people attended the discussion.

October 6–7: Executive Officer Ric Moore was invited to present to students, professors, and local professionals at the Geomatics Conference at California State Polytechnic University, Pomona, on applying to become licensed and changes to the application/exam process. Mr. Moore was joined for a second presentation by Enforcement Unit Manager Tiffany Criswell to present a detailed view of the Board’s complaint and investigation process. Each session had about 15–20 attendees.

October 12: Executive Officer Ric Moore was invited to facilitate a California Land Surveyors Association webinar on changes to the land surveyor application and exam processes statewide. There were approximately 50–65 attendees.

Get to Know Our Licensees

*Meet Steven C. Wilson, Monterey, CA, BPELSG Land Surveyor Board Member
Civil Engineer, License No. C25136; CA Land Surveyor, License No. L5207*

1. Why did you become an engineer and land surveyor?

I was always the type of person who was inquisitive enough to want to figure out how things work, and that desire led to being a physics major when entering junior college. During my freshman year, I took an engineering orientation class that gave me an exposure to the various branches of engineering and also to land surveying. I distinctly remember Del Rasmussen, PLS 2689 (who now is the most senior land surveyor with an active license), giving a presentation on land surveying. I immediately changed my major to engineering that included the practice of land surveying.



2. Where did you attend school?

I graduated from Monterey High School, although I really grew up in West Covina and only went to Monterey High for my senior year. I then attended Monterey Peninsula College [MPC] that had an excellent engineering program. MPC gave me the basics to later build upon. My early engineering and surveying years were interrupted by three years of active duty in the Naval Reserve. After the Navy active duty, I attended Golden Gate University majoring in business management.

3. Why did you add a land surveyor license to your résumé?

In 1974 I was ready to take either the civil engineer's or land surveyor's examination. I have always believed my forte was in land surveying; however, I was then doing land surveying and engineering work under the direction of licensed civil engineers and land surveyors. I took and passed the civil engineer's examination because that license would enable me to work in both fields. In 1981 I heard of Senate Bill 2 (the bill that removed the land surveying practice from new civil engineers). I did not want to be known as a civil engineer doing land surveying, so I took and passed the land surveyor's examination. This allowed me to show my interest in working at the highest levels of both disciplines. These two professions are truly interrelated, especially where land development is concerned. It is valuable to offer both services in a private sector business. Another advantage is that we have a high level of confidence in the accuracy of field information that is essential for good engineering designs.

4. Briefly describe your professional career.

My first surveying job was with the City of Monterey during the summer of 1966. I left the city for active duty in the Naval Reserves as an Aviation Ordinance man, and I also was an aircrew man on SP-2H anti-submarine warfare aircraft. I stayed with the reserves for another nine years, leaving as a Chief Illustrator Draftsman (E-7). After release from active duty, I worked briefly for the County of Monterey as a survey crewman, then for two years with the City of Seaside as an engineering technician and junior civil engineer. I then worked five years in the private sector for a mobile home park developer. That position gave me valuable experience with a variety of public agencies throughout the western part of the country. It was there that I gained experience in project approval processes in various local agencies. My position was designing large mobile home parks and seeing them through to the end of construction. My main focus since then has been with Monterey Bay Engineers Inc., a company that I started in 1975 and incorporated in 1982.

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Get to Know Our Licensees (continued from page 13)

5. What additional skills are required to successfully run an engineering or land surveying firm in today's environment?

The "people skills" in running a successful engineering or land surveyor firm are often overlooked. It is essential to establish a good rapport with clients and with key people in the public agencies that sometimes seem to be an impediment to the goals of our clients. I have learned to work with the public sector as part of the team and by helping us to get projects approved. There are times when boundary surveys do not agree with the client's belief or wishes. It is important to be tactful and to give enough information about what a survey must entail so the client understands enough to have confidence in our services. We also belong to CLSA [California Land Surveyors Association] and ACEC-CA [American Council of Engineering Companies of California], and attend the local chapter meetings. This enables us to stay abreast of pertinent information in the area, and network with other professionals. I support sharing survey information with other practitioners. Working together can head-off potential conflicts in boundary control, to the benefit of all parties, especially the public.

6. In addition to currently serving on the Board, have you also served in other professional associations?

Yes, my first professional association was with the Northern California Section of ACSM, where I served as a board member and held various offices including Chairman of the Section. I joined the California Land Surveyors Association shortly after getting my land surveyor's license. I have served CLSA as a board member, Treasurer, President-Elect, and finally serving as its President in 1998. My firm is also a member of the American Council of Engineering Companies of California. I am active in the Monterey Bay Chapters of CLSA and ACEC-CA, and have rotated through the chairs of both local chapters.

7. Are there any other family members who are also engineers or surveyors?

I have mentored many others during the years.

- *Brother, David Wilson, with HMM Engineers in San Jose, RCE 49883. David started his experience with me, then went to San Jose State for an engineering degree.*
- *Son Ben Wilson with Monterey Bay Engineers Inc., RCE 72928. Ben received his basic technical background in Nuclear Power School while in the Navy. He served in the Navy for eight years as an Electrician's Mate in Trident Missile and Fast Attack Nuclear Submarines.*
- *Son Brian Wilson with Monterey Bay Engineers Inc., PLS 7771. Brian gained his experience working with me. Brian is also a Lieutenant with the North Monterey County Fire District.*
- *My stepdaughter, Valerie, also works at Monterey Bay Engineers Inc., doing the administrative work and taxes.*

Ben, Brian, and Valerie are all part of the team by their choice and are very accomplished in their fields, and that allows me to pursue some other interests.

8. Do you have any other outside interests or hobbies?

I have a collection of five BMW motorcycles acquired beginning in 1971. I have been a member of the BMW Club of Northern California since 1972, serving the club as its Treasurer and President. I also have a pair of classic 6-Series BMW coupes, also a co-organizer of the Pacific Sharkfest, an annual gathering of the E24 BMWs. During the years, I have also enjoyed doing building projects. My current project involves removal and reconstruction of a funky addition made to my 1905 vintage house.

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 2016. 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.

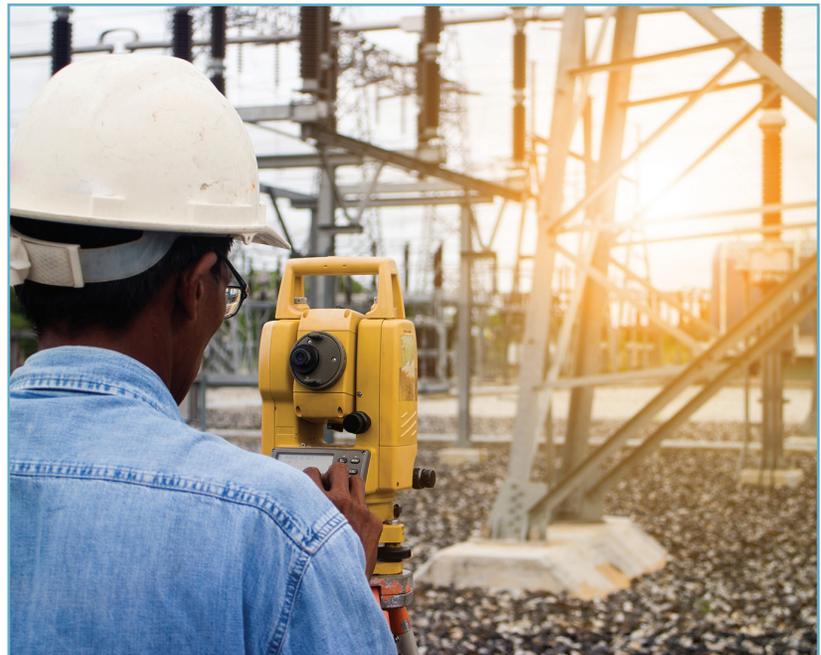
Name	License Number	Years of Service
Engineer		
Henry Franklin Bray	C 17961	48
Donald O. Ford	C 14466	53
Robert W. Hoffmann	E 5284	61
Charles J. Kelly	C 11158	58
Robert Lim	C 55816	20
James Marzotto	C 9150	35
Robert Larry Moore	QU 3087	38
Richard E. Munson	SF 2818	38
Robert W. Noad	C 11454	46
William West Toole Jr.	QU 122	41
John Charles Vronay	M 33599	10
Land Surveyor		
Russell William Forsberg	L 4213	41
Richard Louis Parker	L 3790	46
Peter Kempel Willerup	L 3613	47
Edward Guy Zimmerman	L 3732	46
Multiple Licenses		
Dallas G. Raasch	E 5522 / NU 1468	59 / 39
Edward Scott Tobey	C 69752 / TR 2339	10 / 10
Haskell Edmond Wright Jr.	C 32747 / S3077	35 / 28

Contact Us

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Geologists and Geophysicists	Laurie Racca, PG	(916) 263-2406
Land Surveyors	Dallas Sweeney, PLS	(916) 263-2271
WEBMASTER	Celina Calderone	(916) 263-2230





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Board Calendar

JANUARY

- 1/2:** New Year's Day Observed–
Board Office Closed
- 1/9:** Final Filing Date for CA State
Exams and All Geology Exams
- 1/16:** Martin Luther King Jr. Day–
Board Office Closed
- 1/21:** UCLA Eng. and Tech Fair
- 1/28–29:** Fresno Geomatics Conference
for Land Surveyors

FEBRUARY

- 2/8–9:** Board Meeting
- 2/18:** Chico Eng. Career Fair
- 2/20:** Presidents' Day–
Board Office Closed

MARCH

- 3/7:** CA CSE PG Exam
- 3/17:** ASBOG Exams
- 3/31:** Cesar Chavez Day–
Board Office Closed

Continuous Testing Exams: NCEES PS 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 e-mail 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:

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 **Twitter** - twitter.com/CA_Engineers



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