





Board for Professional Engineers nd Surveyors, and Geologi של

Meeting of the Board for Professional Engineers, Land Surveyors, and Geologists

Thursday, January 16, 2020 beginning at 9:00 a.m. and continuing on Friday, January 17, 2020 beginning at 9:00 a.m., if necessary

> Department of Consumer Affairs 1625 N. Market Boulevard 1st Floor South, Hearing Room 102 Sacramento, CA 95834

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MEETING OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BOARD MEETING

JANUARY 16-17, 2020

Department of Consumer Affairs 1625 N. Market Boulevard, 1st Floor South, Hearing Room 102 Sacramento, CA 95834

BOARD MEMBERS

Fel Amistad, President; Steve Wilson, Vice President; Natalie Alavi; Alireza Asgari; Duane Friel; Andrew Hamilton; Kathy Jones Irish; Eric Johnson; Coby King; Asha Lang; Betsy Mathieson; Mohammad Qureshi; Frank Ruffino; and Robert Stockton

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II. Pledge of Allegiance

III. Public Comment for Items Not on the Agenda

NOTE: The Board cannot take action on items not on the agenda. The Board will also allow for Public Comment during the discussion of each item on the agenda. Please see the last page of this Official Notice and Agenda for additional information regarding Public Comment.

IV. Consideration of Rulemaking Proposal (Possible Action)

 A. Approval and/or Adoption of Rulemaking Proposal to Amend Title 16, California Code of Regulations sections 407 and 3005 (Fees); to Amend Title 16, California Code of Regulations section 410 (Certificates); and to Adopt to Title 16, California Code of Regulations section 3010 (Certificates)

- Administration

 A. Fiscal Year 2017/18 Budget Status
 B. Fiscal Year 2018/19 Budget Status
 C. Fiscal Year 2019/20 Budget Report

Financial Statement	,	U	Pre	oared 1/7/20
	FY 2019-20	FY 2019-20	FY 2019-20	
	12/24	FM 1	Updated	%
	Activity Log	Projections	Projections	Change
Revenue				
Applications/Licensing Fees	778,654	1,646,000	1,646,000	0%
¹ Renewal fees	4,589,712	6,891,000	6,891,000	0%
² Delinquent fees	29,202	88,000	88,000	0%
Other & Reimbursements	49,850	140,000	140,000	0%
3 Interest	36,313	163,000	163,000	0%
Total Revenue:	5,483,731	8,928,000	8,928,000	0%
Expense				
Personnel Services:				
4 Salary & Wages (Staff)	983,704	2,924,425	2,951,112	1%
Temp Help	37,975	123,785	113,925	-8%
Statutory Exempt (EO)	44,528	135,526	133,584	-1%
Board Member Per Diem	3,900	10,000	11,700	17%
Overtime/Flex Elect/Lump Sum	112	0	336	100%
Staff Benefits	587,562	1,713,980	1,762,686	3%
Total Personnel Services	1,657,781	4,907,716	4,973,343	1%
Operating Expense and Equipmen				
General Expense	25,589	67,000	67,000	0%
5 Printing	25,056	8,000	31,978	300%
Communication	6,816	44,000	44,000	0%
Postage	0	50,000	50,000	0%
Insurance	103	16,000	16,000	0%
Travel In State	1,282	60,000	65,000	8%
Travel, Out-of-State	0	800	800	0%
Training	0	150	500	233%
Facilities Operations	101,956	416,004	416,004	0%
 6 C & P Services - Interdept. 7 C & P Services - External 	75,000 1,226,416	457,090 1,243,885	457,090 1,243,885	0% 0%
8 DCA Pro Rata	538,333	1,579,000	1,579,000	0%
DOI - Investigations	9,000	1,373,000	1,579,000	0%
Interagency Services	5,199	27,000	27,000	0%
Consolidated Data Center	5,208	22,000	22,000	0%
9 Information Technology	14,364	1,143,000	857,250	-25%
Equipment	794	0	16,000	100%
Other Items of Expense	0	0	100,000	100%
Total OE&E	2,035,116	5,133,929	4,993,507	-3%
Total Expense:	3,692,897	10,041,645	9,966,850	-1%
Total Revenue:	5,483,731	8,928,000	8,928,000	
Total Expense:	3,692,897	10,041,645	9,966,850	
Difference:	1,790,834	(1,113,645)	(1,038,850)	

0770- Professional Engineers, Land Surveyors and Geologist Financial Statement

Financial Statement Notes

- **1 Renewal fees -** Renewal fees are not collected equally throughout the year. On average, the Board collects 75% of its renewal fees revenue in the first half of the fiscal year.
- 2 **Delinquent fees -** Approximately 90% of delinquent fee revenue is collected in the second half of the fiscal year.
- **3 Interest -** Includes income from surplus money investments earned on money in the Board's fund. The state treasury manages this money and the Board earns income based on the current interest rate.
- **4 Salary & Wages (Staff)** The projected expenditure increase for salaries and wages is due to the Board almost being fully staffed, merit salary adjustments, and new bargaining unit agreements. The Board is trying to fill the following remaining positions: 2.0 AGPA/SSA and 1.0 OT.
- **5 Printing -** \$25,000 in contract encumbrances in FI\$Cal reports. Board staff is working with DCA Budgets to identify contracts.
- 6 C&P Services Interdepartmental Includes all contract services with other state agencies for examination services (Dept. of Conservation and Water Resources). This line item also now includes enforcement expenses for the Attorney General and the Office of Administrative Hearings.
- 7 C&P Services External Includes all external contracts (examination development, exam site rental, expert consultant agreements, and credit card processing).
- 8 DCA Pro Rata Includes distributed costs of programmatic and administrative services from DCA.
- **9 Information Technology -** California Department of Technology (CDT) oversight for review and approval of the Project Approval Lifecycle (PAL) project.

0770 - Professional Engineer's, Land Surveyor's and Geologist's Fund Analysis of Fund Condition (Dollars in Thousands)

Governor's Budg	get2020-21	2	PY 018-19	2	CY 019-20	E	overnor's Budget BY 2020-21		BY + 1 021-22
BEGINNING BALA	NCE	\$	7,955	\$	6,651	\$	7,700	\$	6,896
Prior Year Ad	justment	<u>\$</u> \$	616			\$	-	\$	-
Adjusted B	eginning Balance	\$	8,571	\$	6,651	\$	7,700	\$	6,896
REVENUES AND TRAN	ISFERS								
Revenues:									
4121200	Delinguent fees	\$	75	\$	108	\$	128	\$	129
4127400	Renewal fees	\$	6,258	\$	8,566	\$	10,366	\$	11,623
4129200	Other regulatory fees	\$	100	\$	127	\$	127	\$	127
4129400	Other regulatory licenses and permits	\$	1,842	\$	1,826	\$	2,011	\$	2,017
141200	Sales of documents	\$	-	\$	-	\$	-	\$	-
142500	Miscellaneous services to the public	\$	-	\$	-	\$	-	\$	-
4140000	Sales of documents	\$	-	\$	-	\$	-	\$	-
4150500	Interest Income from interfund loans	\$	24	\$	-	\$	-	\$	-
4163000	Income from surplus money investments	\$	145	\$	259	\$	259	\$	101
160400	Sale of fixed assets	\$	-	\$		\$		\$	-
4171400	Escheat of unclaimed checks and warrants	\$	22	\$	22	\$	22	\$	22
4172500	Miscellaneous revenues	\$	1	\$		\$		\$	
Totals, Revenues		\$	8,467	\$	10,909	\$	12,914	\$	14,020
Transfers from Other Fur	nds								
	Revenue Transfer from Geology/General Fund			\$	-				
FO0001	Proposed GF Loan Repayment per item 1110-011-0770, Budget Act of 2011	\$	800	\$	-	\$	-	\$	-
	Totals, Revenues and Transfers	\$	9,267	\$	10,909	\$	12,914	\$	14,020
	Totals, Resources	\$	17,838	\$	17,560	\$	20,614	\$	20,916
EXPENDITURES									
Disbursement	is:								
1111 Depa	rtment of Consumer Affairs (State Operations)	\$	10,335	\$	9,967	\$	12,874	\$	13,260
8880 Finar	ncial Information System for CA (State Operations)	\$	1	\$	-1	\$	-	\$	-
9892 Supp	lemental Pension Payments (State Operations)	\$	98	\$	209	\$	209	\$	209
9900 State	wide Admin. (State Operations)	\$	753	\$	819	\$	635	\$	635
Less fundir	ng provided by General Fund (State Operations)	\$	-	\$	-1,134	\$	-	\$	-
Total Dis	sbursements	\$	11,187	\$	9,860	\$	13,718	\$	14,104
FUND BALANCE		\$	6 CEA	¢	7 700	¢	6 906	ሱ	6 940
Reserve for e	conomic uncertainties	Φ	6,651	\$	7,700	\$	6,896	\$	6,812
Months in Reserve	3		8.1		6.7		5.9		5.6

VI. Legislation A. 2020 Legislative Calendar

October 18, 2019 (Final)

	JANUARY									
S	М	Т	W	TH	F	S				
			1	2	3	4				
5	<u>6</u>	7	8	9	<u>10</u>	11				
12	13	14	15	16	<u>17</u>	18				
19	<u>20</u>	21	22	23	<u>24</u>	25				
26	27	28	29	30	<u>31</u>					

	FEBRUARY									
S	Μ	Т	W	TH	F	S				
						1				
2	3	4	5	6	7	8				
9	10	11	12	13	14	15				
16	<u>17</u>	18	19	20	<u>21</u>	22				
23	24	25	26	27	28	29				

	MARCH									
S	Μ	Т	W	TH	F	S				
1	2	3	4	5	6	7				
8	9	10	11	12	13	14				
15	16	17	18	19	20	21				
22	23	24	25	26	<u>27</u>	28				
29	30	31								

	APRIL									
S	Μ	Т	W	TH	F	S				
			1	<u>2</u>	3	4				
5	6	7	8	9	10	11				
12	<u>13</u>	14	15	16	17	18				
19	20	21	22	23	<u>24</u>	25				
26	27	28	29	30		1				

	MAY									
S	М	Т	W	TH	F	S				
					1	2				
3	4	5	6	7	<u>8</u>	9				
10	11	12	13	14	<u>15</u>	16				
17	18	19	20	21	22	23				
24	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	30				
31										

*Holiday schedule subject to Senate Rules committee approval.

DEADLINES

<u>Jan. 1</u>	Statutes take effect (Art. IV, Sec. 8(c)).
<u>Jan. 6</u>	Legislature Reconvenes (J.R. 51(a)(4)).
<u>Jan. 10</u>	Budget must be submitted by Governor (Art. IV, Sec. 12(a)).
<u>Jan. 17</u>	Last day for policy committees to hear and report to fiscal committees fiscal bills introduced in their house in the odd-numbered year $(J.R. 61(b)(1))$.
<u>Jan. 20</u>	Martin Luther King, Jr. Day.
<u>Jan. 24</u>	Last day for any committee to hear and report to the floor bills introduced in that house in the odd-numbered year (J.R. 61(b)(2)). Last day to submit bill requests to the Office of Legislative Counsel.
<u>Jan. 31</u>	Last day for each house to pass bills introduced in that house in the odd-numbered year (Art. IV, Sec. 10(c)), (J.R. 61(b)(3)).

- Feb. 17 Presidents' Day.
- **Feb. 21** Last day for bills to be **introduced** (J.R. 61(b)(4)), (J.R. 54(a)).

Mar. 27 Cesar Chavez Day observed

<u>Apr. 2</u>	Spring Recess begins upon adjournment of this day's session
	(J.R. 51(b)(1)).

- <u>Apr. 13</u> Legislature reconvenes from Spring Recess (J.R. 51(b)(1)).
- Apr. 24 Last day for **policy committees** to hear and report to **fiscal committees** fiscal bills introduced in their house (J.R. 61(b)(5)).
- <u>May 1</u> Last day for **policy committees** to hear and report to the floor **nonfiscal** bills introduced in their house (J.R. 61(b)(6)).
- May 8 Last day for policy committees to meet prior to June 1 (J.R. 61(b)(7)).
- May 15 Last day for **fiscal committees** to hear and report to the floor bills introduced in their house (J.R. 61(b)(8)). Last day for **fiscal committees** to meet prior to June 1 (J.R. 61 (b)(9)).
- May 25 Memorial Day
- May 26 29 Floor Session Only. No committees, other than conference or Rules Committees, may meet for any purpose (J.R. 61(b)(10)).
- <u>May 29</u> Last day for each house to pass bills introduced in that house (J.R. 61(b)(11)).

	JUNE								
S	Μ	Т	W	TH	F	S			
	1	2	3	4	5	6			
7	8	9	10	11	12	13			
14	<u>15</u>	16	17	18	19	20			
21	22	23	24	<u>25</u>	<u>26</u>	27			
28	29	30							

JULY							
S	Μ	Т	W	TH	F	S	
			1	<u>2</u>	<u>3</u>	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

AUGUST							
S	Μ	Т	W	TH	F	S	
						1	
2	<u>3</u>	4	5	6	7	8	
9	10	11	12	13	<u>14</u>	15	
16	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	22	
23	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	29	
30	<u>31</u>						

<u>June 1</u>	Committee meetings may resume (J.R. 61(b)(12)).
<u>June 15</u>	Budget Bill must be passed by midnight (Art. IV, Sec. 12(c)(3)).
<u>June 25</u>	Last day for a legislative measure to qualify for the November 3 General Election ballot (Election code Sec. 9040).
<u>June 26</u>	Last day for policy committees to hear and report fiscal bills to fiscal committees (J.R. 61(b)(13)).
<u>July 2</u>	Last day for policy committees to meet and report bills (J.R. 61(b)(14)). Summer Recess begins upon adjournment provided Budget Bill has been passed (J.R. 51(b)(2)).
July 3	Independence Day observed.
<u>Aug. 3</u>	Legislature reconvenes from Summer Recess (J.R. 51(b)(2)).
<u>Aug. 14</u>	Last day for fiscal committees to meet and report bills (J.R. 61(b)(15)).
<u>Aug. 17</u>	- 31 Floor Session only. No committees, other than conference and Rules committees, may meet for any purpose (J.R. 61(b)(16)).
<u>Aug. 21</u>	Last day to amend bills on the Floor (J.R. 61(b)(17)).
<u>Aug. 31</u>	Last day for each house to pass bills (Art. IV, Sec. 10(c), (J.R. 61(b)(18)). Final recess begins upon adjournment (J.R. 51(b)(3)).

*Holiday schedule subject to Senate Rules committee approval.

IMPORTANT DATES OCCURRING DURING FINAL RECESS

<u>2020</u> <u>Sept. 30</u>	Last day for Governor to sign or veto bills passed by the Legislature before Sept. 1 and in the Governor's possession on or after Sept. 1 (Art. IV, Sec. 10(b)(2)).
<u>Nov. 3</u>	General Election
<u>Nov. 30</u>	Adjournment Sine Die at midnight (Art. IV, Sec. 3(a)).
<u>Dec. 7</u>	12 m. convening of 2021-22 Regular Session (Art. IV, Sec. 3(a)).
<u>2021</u> Jan. 1	Statutes take effect (Art. IV, Sec. 8(c)).

VII. Enforcement

- A. Enforcement Statistical Reports
 1. Fiscal Year 2019/20 Update
 2. Unlicensed Activity Enforcement Statistics

Number of Complaint Investigations Opened & Completed by Month
12-Month Cycle

Month	Complaint Investigations	Complaint Investigations						
Montin	Opened	Completed						
January 2019	39	28						
February 2019	12	21						
March 2019	29	42						
April 2019	32	43						
May 2019	32	11						
June 2019	21	30						
July 2019	37	30						
August 2019	40	37						
September 2019	33	32						
October 2019	21	21						
November 2019	19	20						
December 2019	41	32						

Complaint Investigations Opened and Completed Total by Fiscal Year

Fiscal Year	Complaint Investigations	Complaint Investigations						
FISCAL FEAL	Opened	Completed						
2016/17	353	323						
2017/18	362	349						
2018/19	328	334						
2019/20	191	172						

Current Fiscal Year through December 31, 2019

Number of Open (Pending) Complaint Investigations (at end of FY or month for current FY)

Fiscal Year	Number of Open (Pending) Complaint Investigations
2016/17	237
2017/18	254
2018/19	247
2019/20	264

Current Fiscal Year through December 31, 2019

Complaint Investigation Phase

Average Days from Opening of Complaint Investigation to Completion of Investigation (at end of FY or month for current FY)

Fiscal Year	Average Days					
2016/17	243					
2017/18	238					
2018/19	236					
2019/20	306					

Current Fiscal Year through December 31, 2019

Outcome of Completed Investigations

Fiscal Year	# Closed	% Closed	# Cite	% Cite	# FDA	% FDA
2016/17	205	63%	97	30%	21	7%
2017/18	219	63%	93	27%	37	10%
2018/19	225	67%	83	25%	27	8%
2019/20	109	64%	47	27%	16	9%

Current Fiscal Year through December 31, 2019

Closed = Closed with No Action Taken, includes No Violation/Insufficient Evidence; Compliance Obtained; Warning Letter; Other Reason for Closing Without Action (e.g., subject deceased); Resolved After Initial Notification; Referred to District Attorney with Request to File Criminal Charges; and Mediated. Cite = Referred for Issuance of Citation

FDA = Referred for Formal Disciplinary Action

					nun Cyc					
Month	0-30 Days	31-60 Days	61-90 Days	91-12 Days	121- 180 Days	181- 270 Days	271- 365 Days	1-2 Years	2-3 Years	3-4 Years
January 2019	32	11	34	20	32	78	31	30	1	0
February 2019	11	29	11	39	37	60	46	26	1	0
March 2019	27	12	28	11	50	48	53	17	1	0
April 2019	31	25	11	27	41	36	50	14	1	0
May 2019	32	29	25	11	35	57	43	22	2	0
June 2019	17	31	26	21	33	42	39	37	1	0
July 2019	37	17	30	24	26	46	32	41	0	1
August 2019	40	37	16	27	40	27	41	27	1	1
September 2019	33	40	36	16	43	37	28	24	0	1
October 2019	20	32	39	36	36	37	33	23	1	1
November 2019	19	20	32	34	50	44	18	36	1	0
December 2019	40	19	20	30	64	40	22	27	1	0

Aging of Open (Pending) Complaint Investigation Cases 12-Month Cycle

Number of Complaint Investigations Referred and Number of Citations Issued

Fiscal Year	Complaint Investigations Referred for Issuance of Citation	Citations Issued		
2016/17	97	100		
2017/18	93	83		
2018/19	83	75		
2019/20	47	53		

Current Fiscal Year through December 31, 2019

Number of Citations Issued and Final

Fiscal Year	Issued	Final
2016/17	100	101
2017/18	83	91
2018/19	75	76
2019/20	53	47

Current Fiscal Year through December 31, 2019

Average Days Between Date of Issuance of Citation and Date Citation Becomes Final

Fiscal Year	Number of Days
2016/17	259
2017/18	164
2018/19	236
2019/20	132

Current Fiscal Year through December 31, 2019

Average Days from Opening of Complaint Investigation to Date Citation Becomes Final

Fiscal Year	Number of Days
2016/17	639
2017/18	495
2018/19	587
2019/20	493

Current Fiscal Year through December 31, 2019

Number of Licensees Referred for Formal Disciplinary Action and Number of Final Disciplinary Decisions

Fiscal Year	Number of Licensees Referred for Formal Disciplinary Action	Number of Final Disciplinary Decisions
2016/17	36	41
2017/18	28	19
2018/19	34	30
2019/20	10	29

Current Fiscal Year through December 31, 2019

Average Days from Referral for Formal Disciplinary Action to Effective Date of Final Decision

Fiscal Year	Number of Days
2016/17	703
2017/18	585
2018/19	550
2019/20	472

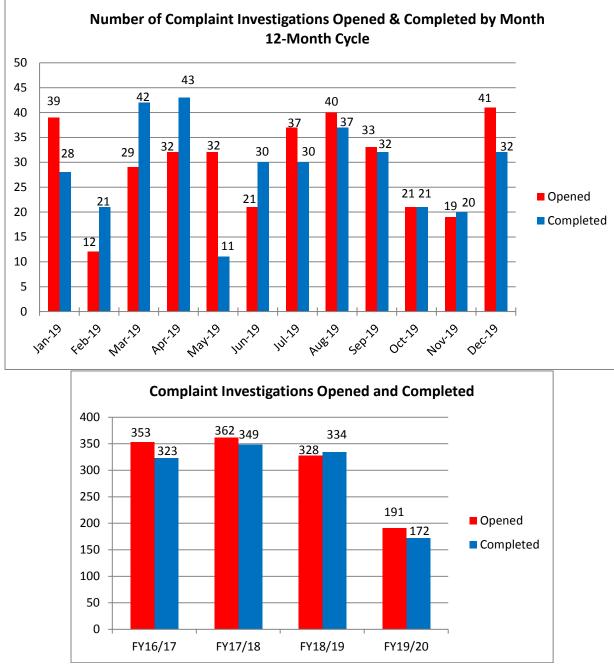
Current Fiscal Year through December 31, 2019

Average Days from Opening of Complaint Investigation to Effective Date of Final Decision

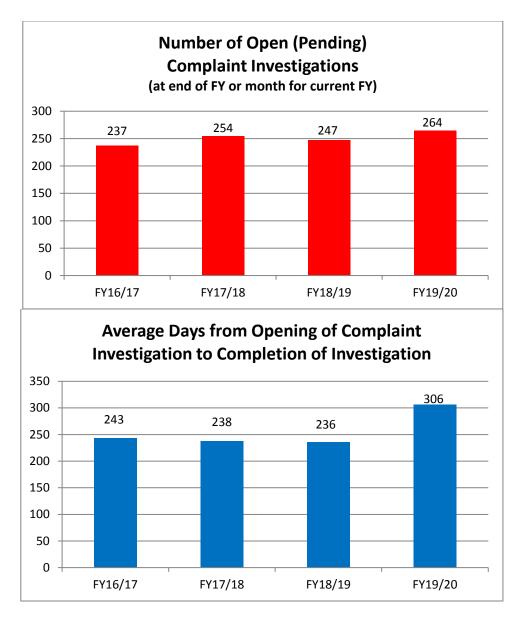
Fiscal Year	Number of Days
2016/17	1106
2017/18	825
2018/19	923
2019/20	730

Current Fiscal Year through December 31, 2019

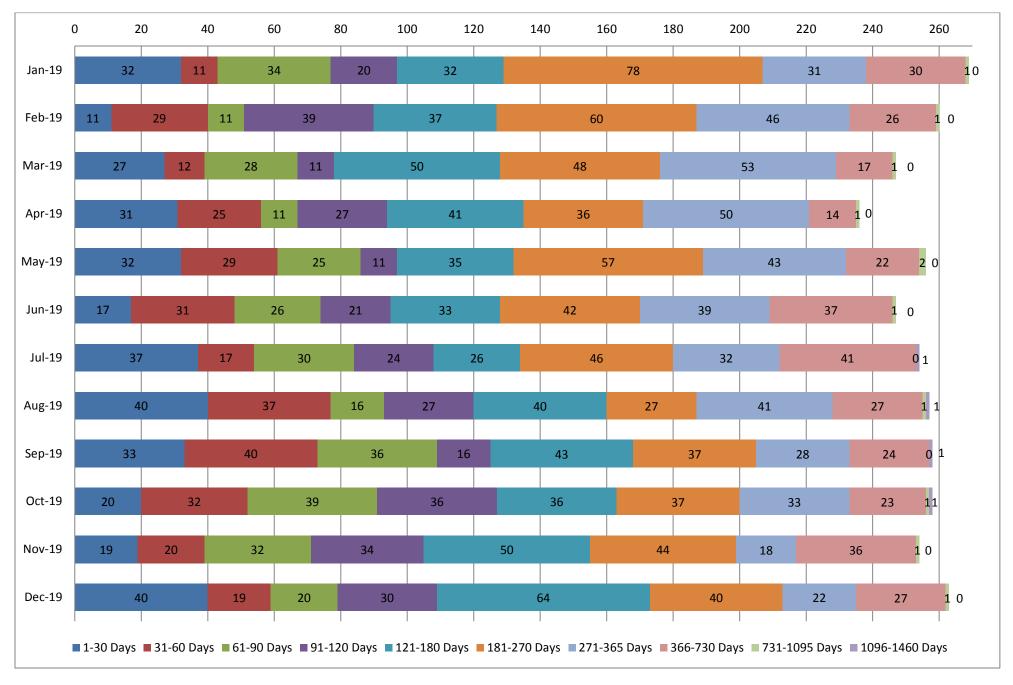
Complaint Investigation Phase

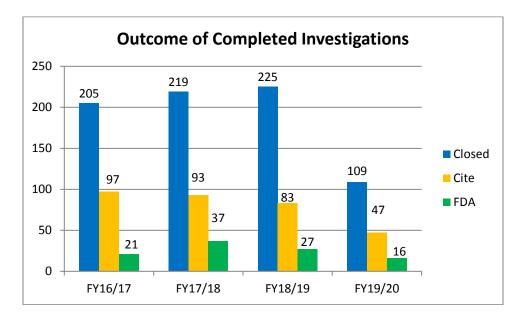


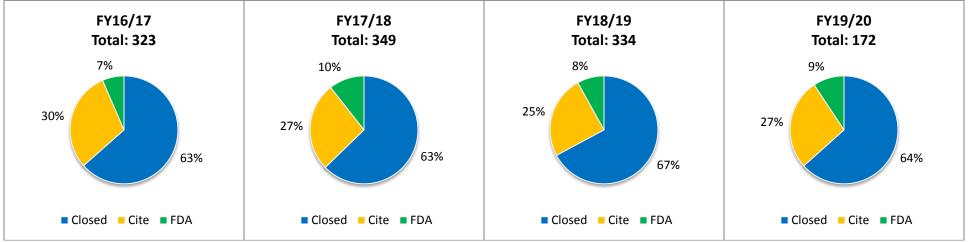
NOTE: FY19/20 statistics are through December 31, 2019



NOTE: FY19/20 statistics are through December 31, 2019







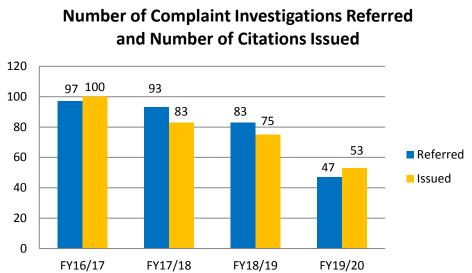
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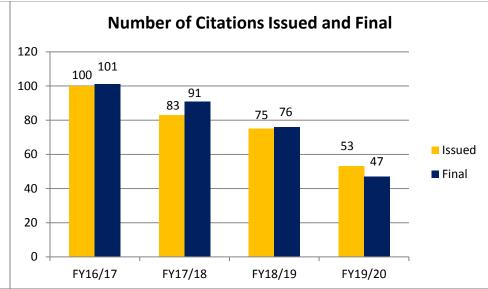
Closed with No Action Taken, includes No Violation/Insufficient Evidence; Compliance Obtained; Warning Letter; Other Reason for Closing Without Action (e.g., subject deceased); Resolved After Initial Notification; Referred to District Attorney with Request to File Criminal Charges; and Mediated.

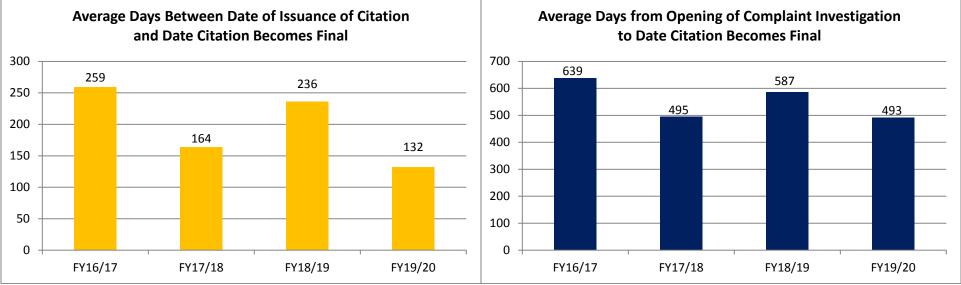
Cite = Referred for Issuance of Citation

FDA = Referred for Formal Disciplinary Action

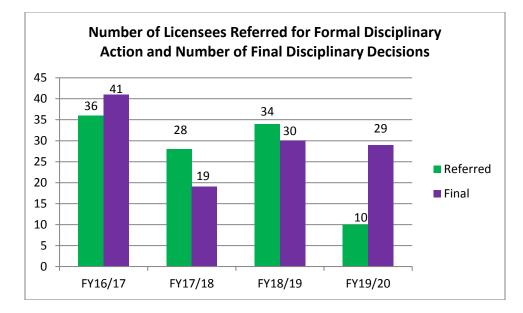
Citations (Informal Enforcement Actions)

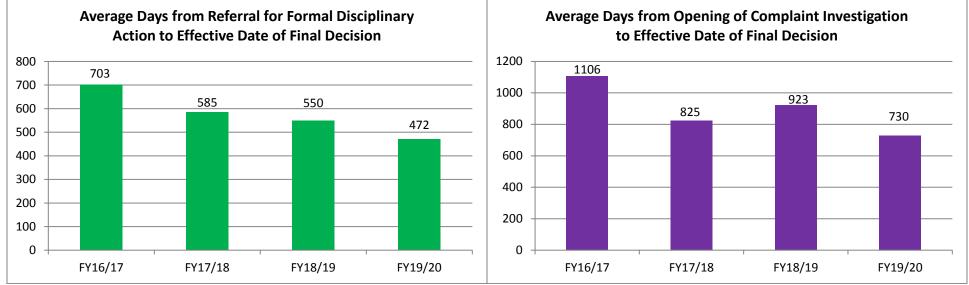






NOTE: FY19/20 statistics are through December 31, 2019





NOTE: FY19/20 statistics are through December 31, 2019

Fiscal	Total Number of	Number Involving	Number Involving		
Year	Complaint Investigations	Unlicensed Activity	Unlicensed Activity Filed		
	Cases Opened	Allegations	by Licensees		
15/16	368	101	29		
16/17	353	126	28		
17/18	362	90	28		
18/19	328	105	34		

Breakdown of Complaint Investigations

Number of Complaints Opened Involving Unlicensed Activity Based on Act(s) Involved

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	61	1	46
16/17	68	25	47
17/18	48	14	39
18/19	58	14	43

May add up to more than the number opened since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number opened but under both PE Act and PLS Act for violations).

Number of Complaints Opened Involving Unlicensed Activity Filed by Licensees Based on Act(s) Involved

Fiscal Year	PE Act		G&G Act	PLS Act	
15/16		14	0)	15
16/17		12	4		16
17/18		15	7	,	10
18/19		13	2	,	19

May add up to more than the number filed by licensees since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number filed but under both PE Act and PLS Act for violations).

Fiscal Year	Total Number of Citations Issued (Licensed and Unlicensed)	Citations Issued for Unlicensed Activity
15/16	78	26
16/17	100	42
17/18	83	34
18/19	75	18

Number of Citations Issued for Unlicensed Activity Based on Act(s) Involved

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	11	6	12
16/17	14	6	18
17/18	19	3	17
18/19	6	8	8

Citations may involve violations of multiple acts (e.g., unlicensed person offering both engineering and land surveying) and so would be counted under multiple acts (e.g., both PE Act and PLS Act for violations).

Number of Citations Issued for Unlicensed Activity Dismissed
Following Appeal (Informal Conference or Formal Appeal Hearing)
Based on Act(s) Involved

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	1	1	3
16/17	2	1	6
17/18	0	0	2
	(2 not yet final)		
18/19	0	3	0
	(2 not yet final)	(3 not yet final)	

"Not yet final" indicates the citation is still under appeal.

Citations may involve violations of multiple acts (e.g., unlicensed person offering both engineering and land surveying) and so would be counted under multiple acts (e.g., both PE Act and PLS Act for violations).

Fiscal Year	Total Number of Complaint Investigations Cases Completed	Number Involving Unlicensed Activity Allegations
15/16	400	97
16/17	323	105
17/18	349	99
18/19	334	88

Breakdown of Complaint Investigations Completed

Number of Investigations Completed Involving Unlicensed Activity Based on Act(s) Involved

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	63	2	37
16/17	58	12	46
17/18	52	11	47
18/19	48	21	27

May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).

Number of Investigations Completed Involving Unlicensed Activity Based on Outcome

	- 0 1	U	, ,	
Fiscal Year	No Violation	DA	Cite	Other
15/16	23	9	26	39
16/17	21	7	37	40
17/18	34	13	22	30
18/19	23	2	24	39

No Violation includes no violation, insufficient evidence, subject deceased, unable to locate subject, non-cooperation of complainant

DA = referred to District Attorney for filing of criminal charges

Cite = referred for issuance of citation

Other includes violation found but not referred to DA or for citation (warning letter, compliance obtained, resolved after initial notification)

Number of Investigations Completed Involving Unlicensed Activity Based on Outcome Based on Act(s) Involved

No Violation (no violation, insufficient evidence, subject deceased, unable to locate subject, noncooperation of complainant)

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	14	1	9
16/17	11	3	6
17/18	20	5	15
18/19	14	3	10

May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).

DA (referred to District Attorney for filing of criminal charges)

Fiscal Year	PE Act	G&G Act	PLS Act
15/16	7	0	3
16/17	2	0	6
17/18	4	0	9
18/19	2	0	0

May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).

Cite (referred for issuance of citation)

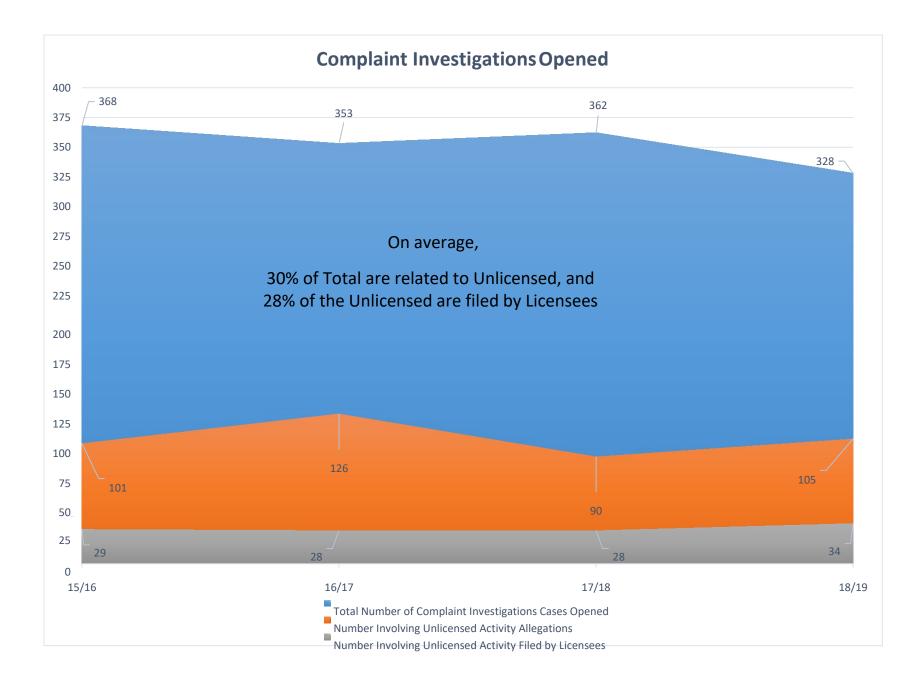
Fiscal Year	PE Act	G&G Act	PLS Act
15/16	18	0	10
16/17	19	4	22
17/18	12	2	9
18/19	8	10	8

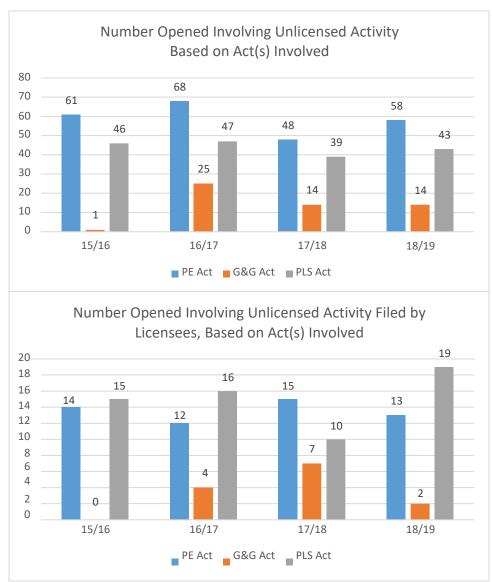
May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).

Other (violation found but not referred to DA or for citation (warning letter, compliance obtained, resolved after initial notification))

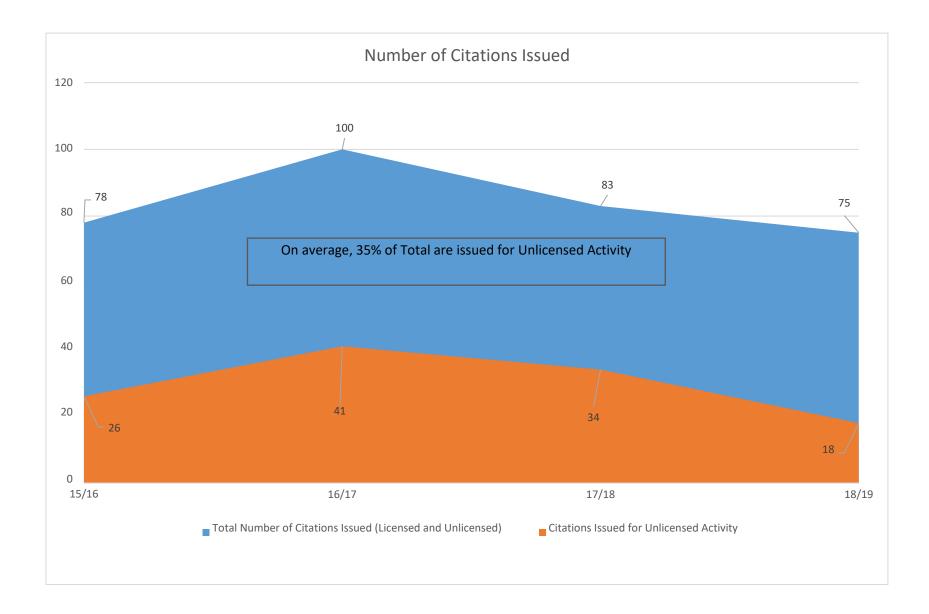
Fiscal Year	PE Act		G&G Act	PLS Act
15/16		24	1	15
16/17		26	5	12
17/18		16	4	14
18/19		24	8	9

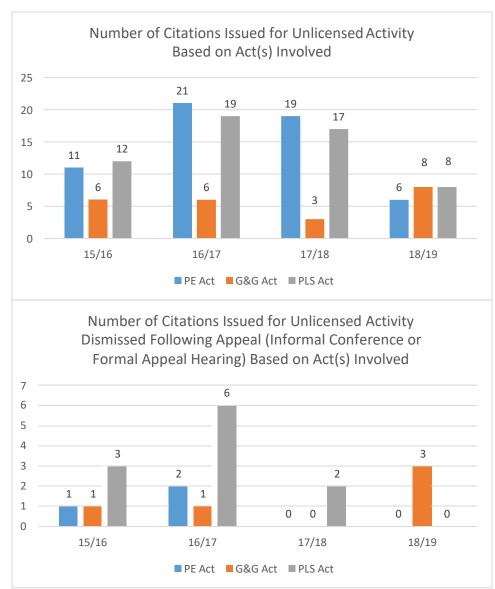
May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).



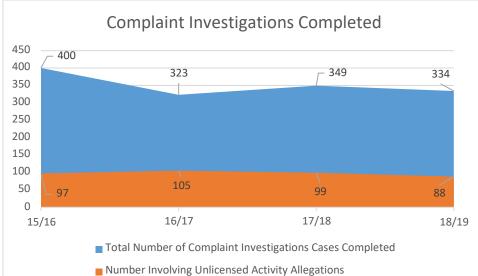


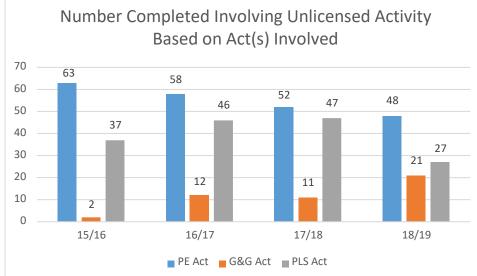
May add up to more than the number opened since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number opened but under both PE Act and PLS Act for violations).

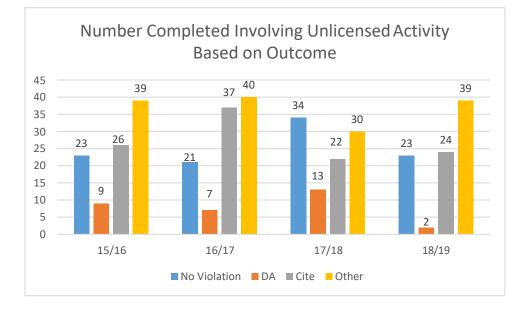




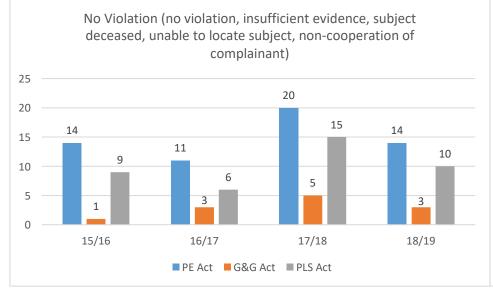
Citations may involve violations of multiple acts (e.g., unlicensed person offering both engineering and land surveying) and so would be counted under multiple acts (e.g., both PE Act and PLS Act for violations).

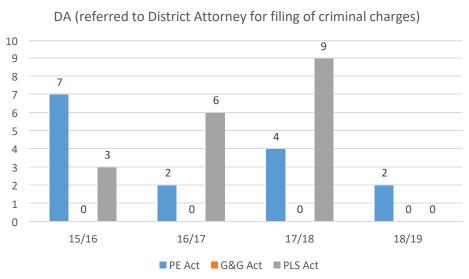


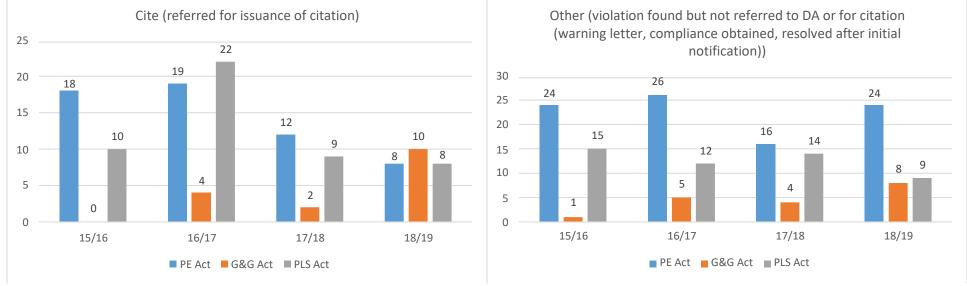




Number involving officensed Activity Allego







May add up to more than the number completed since cases may involve allegations of violations of more than one act (e.g., unlicensed person offering both engineering and land surveying would be counted as one case for number completed but under both PE Act and PLS Act for violations).

VIII. Exams/Licensing A. 2019 Examination Results

2019 Exam Results Statistics

2019-California State Specific Exams

California Land Surveyor			
Total Number of Candidates			
Spring	112	40	36%
Fall	81	33	41%
Total	193	73	38%

Traffic E	Traffic Engineer				
Total Number of Candidates Number Passed Pass 9					
Spring	N/A	N/A	N/A		
Fall	69	36	52%		
Total	69	36	52%		

Geotech	Geotechnical Engineer			
	Total Number of Candidates			
Spring	N/A	N/A	N/A	
Fall	78	30	38%	
Total	78	30	38%	

Professional Geologist California Specific Exam			
	Total Number	Number Passed Pass %	
	of Candidates	Number Passeu	F a 33 70
Spring	116	56	48%
Fall	139	44	32%
Total	255	100	39%

Certified Engineering Geologist			
Total Number of CandidatesNumber PassedPass %			
Spring	N/A	N/A	N/A
Fall	40	29	73%
Total	40	29	73%

Certified	Certified Hydrogeologist			
	Total Number of Candidates	Number Passed	Pass %	
Spring	N/A	N/A	N/A	
Fall	18	11	61%	
Total	18	11	61%	

Professi	Professional Geophysicist			
	Total Number of CandidatesNumber PassedPass %			
Spring	N/A	N/A	N/A	
Fall	3	1	33%	
Total	3	1	33%	

2019-Geology ASBOG Exams

Fundam	Fundamentals of Geology				
	Total Number of Candidates	Number Passed	Pass %		
Spring	153	108	71%		
Fall	209	136	65%		
Total	362	244	67%		

Practice of Geology

	Total Number of Candidates	Number Passed	Pass %
Spring	80	61	76%
Fall	89	70	79%
Total	169	131	78%

2019 Exam Results Statistics

20	19-California State Specific Ci		ion Results
		arter 2019	
Civil Engineer	- Seismic Principles		
	Total Number of Candidates	Number Passed	Pass %
January	70	44	63%
February	153	85	56%
March	370	154	42%
Total	593	283	48%
Civil Engineer	- Engineering Surveying		
	Total Number of Candidates	Number Passed	Pass %
January	61	29	48%
February	165	75	45%
March	327	147	45%
Total	553	251	45%
		uarter 2019	
Civil Engineer	- Seismic Principles		
	Total Number of Candidates	Number Passed	Pass %
April	184	112	61%
May	225	125	56%
June	392	168	43%
Total	801	405	51%
Civil Engineer	- Engineering Surveying		
	Total Number of Candidates	Number Passed	Pass %
April	163	100	61%
May	214	114	53%
June	446	171	38%
Total	823	385	47%
		-	
		arter 2019	
Civil Engineer	- Seismic Principles		
	Total Number of Candidates	Number Passed	Pass %
July	136	78	57%
August	218	115	53%
September	361	148	41%
Total	715	341	48%

2019-California State Specific Civil Engineer Examination Results

	Third Qu	arter 2019	
Civil Engineer	- Seismic Principles		
	Total Number of Candidates	Number Passed	Pass %
July	136	78	57%
August	218	115	53%
September	361	148	41%
Total	715	341	48%
Civil Engineer	- Engineering Surveying		
	Total Number of Candidates	Number Passed	Pass %
July	127	71	56%
August	213	98	46%
September	355	135	38%
Total	695	304	44%

	Fourth Qu	uarter 2019	
Civil Engineer -	Seismic Principles		
	Total Number of Candidates	Number Passed	Pass %
October	150	88	59%
November	249	141	57%
December	419	169	40%
Total	818	398	49%
Civil Engineer -	Engineering Surveying		
	Total Number of Candidates	Number Passed	Pass %
October	163	107	66%
November	244	125	51%
December	407	154	38%
Total	814	386	47%

	2019 Totals					
Civil Engineer -	Civil Engineer - Seismic Principles					
	Total Number of Candidates Number Passed Pass %					
2019 Total	2927 1427 49%					
Civil Engineer -	Civil Engineer - Engineering Surveying					
Total Number of Candidates Number Passed Pass %						
2019 Total	2885	1326	46%			

2019 Exam Results Statistics

2019-NCEES Exam Results

Note: Results for exams administered in the fourth quarter of the year are not available yet.

	Paper and Pencil Exams					
		California		National		
	Total	Total	Pass %	Total	Total	Pass %
	Tested	Passed	Pd55 70	Tested	Passed	Pd55 %
Agricultural Engineer	2	0	0	18	12	67
Civil Engineer	4,607	2,167	47	19,647	11,064	56
Control Systems	30	13	43	297	181	61
Electrical Engineer	941	355	38	4,036	1,885	47
Fire Protection	53	32	60	299	142	47
Industrial Engineer	7	7	100	85	72	85
Mechanical Engineer	876	501	57	4,820	3 <i>,</i> 087	64
Metallurgical Engineer	10	7	70	67	48	72
Petroleum Engineer	n/a	n/a	n/a	n/a	n/a	n/a
Structural Engineer (Lateral)	129	48	37	1,213	409	34
Structural Engineer (Vertical)	125	52	42	1,187	430	36

	Computer-Based Tests (CBT)					
		California		National		
	Total	Total	Dace %	Total	Total	Pass %
	Tested	Passed	Pass %	Tested	Passed	Pd55 %
Fundamentals of Engineering	5,726	3,171	55	39,582	24,743	63
Fundamentals of Surveying	194	71	37	1,039	420	40
Chemical Engineer	50	34	68	366	229	63
Nuclear Engineer	n/a	n/a	n/a	n/a	n/a	n/a
Practice of Surveying	109	60	55	497	304	61

2018 and 2019-Exam Candidate No-Show Rates

Note: No-Show rates do not include candidates that cancelled or rescheduled.

Civil Seismic Principles Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %		
Quarter 1-2018	No Exams Administered				
Quarter 2-2018	1340	69	5%		
Quarter 3-2018	511	15	3%		
Quarter 4-2018	803	44	5%		
2018 Total	2654	128	5%		

Geotechnical Engineer Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Spring 2018	38	1	3%
Fall 2018	37	1	3%
2018 Total	75	2	3%

Geologist California Specific Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Spring 2018	102	3	3%
Fall 2018	137	14	10%
2018 Total	239	17	7%

Civil Seismic Principles Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Quarter 1-2019	593	26	4%
Quarter 2-2019	803	35	4%
Quarter 3-2019	715	22	3%
Quarter 4-2019	818	31	4%
2019 Total	2929	114	4%

Geotechnical Engineer Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2019	79	2	3%

Geologist California Specific Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Spring 2019	116	4	3%
Fall 2019	139	5	4%
2019 Total	255	9	4%

2018

Civil Engineering Surveying Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %		
Quarter 1-2018	No Exams Administered				
Quarter 2-2018	1256	53	4%		
Quarter 3-2018	512	22	4%		
Quarter 4-2018	839	24	3%		
2018 Total	2607	99	4%		

Traffic Engineer Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2018	77	6	8%

Certified Engineering Geologist Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2018	45	3	7%

2019 Civil Engineering Surveying Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Quarter 1-2019	554	18	3%
Quarter 2-2019	824	26	3%
Quarter 3-2019	696	32	5%
Quarter 4-2019	815	31	4%
2019 Total	2889	107	4%

Traffic Engineer Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2019	70	2	3%

Certified Engineering Geologist Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2019	40	1	3%

Professional Land Surveyor Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Spring 2018	128	2	2%
Fall 2018	93	5	5%
2018 Total	221	7	3%

Professional Geophysicist Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2018	4	1	25%

Certified Hydrogeologist Exam 2018

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2018	33	1	3%

Professional Land Surveyor Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Spring 2019	112	2	2%
Fall 2019	81	3	4%
2019 Total	193	5	3%

Professional Geophysicist Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2019	3	1	33%

Certified Hydrogeologist Exam 2019

Exam Cycle	Checked-in	No-Show	No-show %
Fall 2019	18	0	0%

Examination Statistics

(State Specific and ASBOG Examinations)

NCEES examination statistics are available on the NCEES website at: https://ncees.org/

Exam Cycle	Tested	Passed	Pass %	
Spring 2014	1563	751	48	
Fall 2014	1644	675	41	
Total 2014	3207	1426	44	
Spring 2015	1778	919	52	
Fall 2015	1634	671	41	
Total 2015	3412	1590	47	
Spring 2016	1933	1035	54	
Fall 2016	1695	738	44	
Total 2016	3628	1773	49	
Spring 2017	1969	1080	55	
Fall 2017	1626	713	44	
Total 2017	3595	1793	50	
Q1 2018	No exa	ams admi	nistered	
Q2 2018	1341	556	41	
Q3 2018	513	225	44	
Q4 2018	802	347	43	
Total 2018	2656	1128	42	
Q1 2019	593	283	48	
Q2 2019	801	405	51	
Q3 2019	715	341	48	
Q4 2019	818	398	49	
Total 2019	2927	1427	49	

Civil Seismic Principles

Exam Cycle	Tested	Passed	Pass %
Spring 2014	220	48	22
Fall 2014	207	53	26
Total 2014	427	101	24
Spring 2015	193	42	22
Fall 2015	158	29	18
Total 2015	351	71	20
Spring 2016	206	43	21
Fall 2016	167	47	28
Total 2016	373	90	24
Spring 2017	203	44	22
Fall 2017	154	34	22
Total 2017	357	78	22
Spring 2018	129	30	23
Fall 2018	93	25	27
Total 2018	222	55	25
Spring 2019	112	40	36
Fall 2019	81	33	41
Total 2019	193	73	38

CA Professional Land Surveyor

Exam Cycle	Tested	Passed	Pass %
Spring 2014	N/A	N/A	N/A
Fall 2014	95	63	66
Total 2014	95	63	66
Spring 2015	N/A	N/A	N/A
Fall 2015	71	34	48
Total 2015	71	34	48
Spring 2016	N/A	N/A	N/A
Fall 2016	81	31	38
Total 2016	81	31	38
Spring 2017	N/A	N/A	N/A
Fall 2017	117	38	32
Total 2017	117	38	32
Spring 2018	N/A	N/A	N/A
Fall 2018	77	39	51
Total 2018	77	39	51

Traffic Engineer

Geotechnical Engineer

N/A

N/A

Pass %

N/A

N/A

Exam Cycle Tested Passed

N/A

N/A

Total 2014*

Total 2015*

Total 2016*

Total 2017*

Spring 2018

Fall 2018

Total 2018

Spring 2019

Fall 2019

Total 2019

*The Geotechnical Engineer exam was not administered in 2014. In 2015, 2016 and 2017 the exam was offered on a continuous basis.

ASBOG	Fundamentals	of	Geology

ASBOG Practice of Geology

Spring 2014

Fall 2014

Total 2014

Fall 2015

Total 2015

Spring 2016

Fall 2016

Total 2016

Spring 2017

Fall 2017

Total 2017

Spring 2018

Fall 2018

Total 2018

Spring 2019

Fall 2019

Total 2019

Geology California Specific

Certified Engineering Geologist

N/A

N/A

N/A

Spring 2019 Fall 2019

Total 2019

Certified Hydrogeologist

Professional Geophysicist

Exam Cycle Tested Passed Pass % Spring 2014 Fall 2014 Total 2014 Spring 2015 Spring 2015 Fall 2015 Total 2015 Spring 2016 Fall 2016 Total 2016 Spring 2017 Fall 2017 Total 2017 Spring 2018 Fall 2018 Total 2018 Spring 2019 Fall 2019 Total 2019

Exam Cycle Tested Passed

Exam Cycle Tested Passed Pass % Spring 2014 N/A N/A N/A Fall 2014 Total 2014 Spring 2015 N/A N/A N/A Fall 2015 Total 2015 Spring 2016 N/A N/A N/A Fall 2016 Total 2016 Spring 2017 N/A N/A N/A Fall 2017 Total 2017 N/A N/A N/A Spring 2018 Fall 2018 Total 2018 N/A Spring 2019 N/A N/A Fall 2019 Total 2019

Exam Cycle Tested Passed Pass % Spring 2014 N/A N/A N/A Fall 2014 Total 2014 Spring 2015 N/A N/A N/A Fall 2015 Total 2015 N/A N/A N/A Spring 2016 Fall 2016 Total 2016 Spring 2017 N/A N/A N/A Fall 2017 Total 2017 N/A N/A Spring 2018 N/A Fall 2018 Total 2018 Spring 2019 N/A N/A N/A Fall 2019 Total 2019

Exam Cycle	Tested	Passed	Pass %
Spring 2014	N/A	N/A	N/A
Fall 2014	6	1	17
Total 2014	6	1	17
Spring 2015	N/A	N/A	N/A
Fall 2015	8	4	50
Total 2015	8	4	50
Spring 2016	N/A	N/A	N/A
Fall 2016	9	5	56
Total 2016	9	5	56
Spring 2017	N/A	N/A	N/A
Fall 2017	6	5	83
Total 2017	6	5	83
Spring 2018	N/A	N/A	N/A
Fall 2018	4	1	25
Total 2018	4	1	25
Spring 2019	N/A	N/A	N/A
Fall 2019	3	1	33
Total 2019	3	1	33

Past examination statistics are available on the Board's website at: https://www.bpelsg.ca.gov/applicants/exam_statistics.shtml

IX. Executive Officer's Report

- A. Rulemaking Status Report
- B. Update on Board's Business Modernization/PAL Process
- C. Personnel
- D. ABET
- E. Association of State Boards of Geology (ASBOG)
- F. National Council of Examiners for Engineering and Surveying (NCEES)
 - 1. Member Board Administrator Committee Draft Resolution of Cooperation (Possible Action)
- G. Update on Outreach Efforts

Rulemaking Overview

1. Fees and Certificates (404, 410, 3005, and 3010)

- 45-day public comment period ends January 13, 2019. Public comment hearing scheduled for January 14, 2019.
 - OAL approved rulemaking with publication date on November 29, 2019.
 - Control Agencies (i.e. DCA and Agency) approved initial rulemaking for submission to OAL on November 14, 2019.
 - Initial review with Control Agencies (i.e. DCA and Agency) for approval of rulemaking package on May 30, 2019.
 - Board directed staff to pursue initial rulemaking on November 1, 2018.

2. Repeal Professional Engineer and Land Surveyor Appeals (443 and 444)

- Initial rulemaking package submitted to DCA Legal for review on September 5, 2019.
 - Board directed staff to pursue initial rulemaking on March 1, 2013.

3. Assembly Bill 2138 Conformance (416, 418, 3060, and 3061)

Initial review with DCA Legal for approval of rulemaking package on June 11, 2019.
 o Board directed staff to pursue initial rulemaking on February 21, 2019.

4. Definition of Traffic Engineering (404)

Developing initial rulemaking package to submit to DCA, Legal, and Budget Office.
 Board directed staff to pursue initial rulemaking on March 8, 2018.

5. Definitions of Negligence and Incompetence (3003 and 3003.1)

- Developing initial rulemaking package to submit to DCA, Legal, and Budget Office.
 - Board directed staff to pursue initial rulemaking on September 6, 2018.

Note: Documents related to any rulemaking file listed as "noticed" can be obtained from the Board's website at <u>http://www.bpelsg.ca.gov/about_us/rulemaking.shtml</u>.

BPELSG Licensing System Project Timeline

2020	
•	Project development and implementation (proposed) - January
2019	
	Project Manager (PM) and System Integration (SI) public procurement, response, and review – October through December Project Approval Lifecycle (PAL) Stage 4 (S4) Project Readiness and Approval (PRAA) submitted to Control Agencies (Business, Consumer Services and Housing Agency (Agency), California Department of Technology (CDT)) - December S4PRAA kickoff meeting with the CDT - October Stage 3 (S3) Solution Development (SD) approved by CDT - August S3SD submitted to CDT – August S3SD approved by Agency– August S3SD submitted to Agency - August Senate and Assembly Budget Subcommittees approved Spring Finance Letter (SFL) for project funding – May S3SD kickoff meeting with CDT - April CDT approved Stage 2 Alternatives Analysis (S2AA) – March Finalized SFL for project funding and inclusion in Governor's May [Budget]
•	Revise - January
2018	
• • • • • • • • • • • • • • •	Submitted S2AA to CDT - December Agency approved S2AA - December Submitted S2AA to Agency - November. Submitted S2AA to DCA Office of Information Services (OIS) – October System demonstrations from various vendors – July through September Completed contract with Business Advantage Consulting (BAC) - July S2AA Kickoff meeting with DCA, OIS, and CDT - June Completed mid-level solution requirements draft with BAC vendor - April Nationwide market research with other regulatory programs - March BreEZe system demonstration provided by DCA and OIS - March Stage 1 Business Analysis (S1BA) approved by CDT - February Executed contract with BAC - January
	Contract overdad to DAC. Nevember
•	Contract awarded to BAC - November S1BA approved by Agency - November DCA OIS submitted Business Modernization Plan (BMP) to Legislature November BMP submitted to Board members - November DCA OIS developing BMP - September Submitted S1BA to DCA, OIS, Agency, and CDT - September System demonstrations from various vendors – January through May

2016

- Completed contract with Visionary Integration Professionals (VIP) December
- Completed stakeholder requirements gathering November
- Completed To-Be workshops October
- Completed As-Is business process workshops August
- Identified business processes directly associated with licensing, regulation, and enforcement June
- Executed contract with VIP to conduct a business process improvement study -June



BOARD OUTREACH REPORT 3rd Quarter: July–September 2019

SOCIAL MEDIA AND WEB PAGE VIEWS

TOP 5 TWEETS	DATE	VIEWS
Geology and Geophysics Video Available	September 11	1,340
Public Outreach Video Available	September 10	1,147
Notice and Agenda (October)	September 30	1,207
Meeting Materials (September)	August 30	489
Board Notice and Agenda (February)	August 16	224

• TOP 5 FACEBOOK POSTS	DATE	VIEWS
Geology and Geophysics Video Available	September 11	4,700
Public Outreach Video Available	September 10	3,328
Meeting Materials (September)	August 30	875
Notice and Agenda (September)	August 16	776
Notice and Agenda (October)	September 30	665

TOP 5 WEBPAGE HITS	VIEWS
License Lookup—Board of Professional Engineers, Land Surveyors, and Geologists	308,443
Board of Professional Engineers, Land Surveyors, and Geologists	183,135
Application Information—Board of Professional Engineers, Land Surveyors, and Geologists	129,284
Professional Engineer Application—Board of Professional Engineers, Land Surveyors, and Geologists	106,253
Licensee Information—Board of Professional Engineers, Land Surveyors, and Geologists	94,853

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BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

OUTREACH EVENTS

University Outreach

SEPTEMBER

September 19: Cal Poly, Pomona

Geomatics Conference presentation "Land Surveying Licensure" by Dallas Sweeney, PLS.

September 20: *Ventura County (Oxnard College)* Society of Women Engineers' (SWE) San Buenaventura Section presentation to engineering students in all disciplines on the requirements for EIT and PE. Presentation was focused on education requirements, FE/PE exams and why they should pursue professional licensure. Also invited to attend were the Society of Hispanic Professional Engineering (SHPE) in Oxnard, Ventura College, and California State University, Channel Islands, students. Presented by Natalie King, P.E., and Mike Donelson, P.E.

September 30: *California State University, Chico* Presentation to faculty and students in the Geological and Environmental Sciences Department (GEOS) titled "Career Planning: The GIT and the Professional Geologist License" by Laurie Racca, P.G.

Professional Outreach

AUGUST

August 1: San Francisco

American Society of Civil Engineers (ASCE) "San Francisco Younger Member Forum" presentation by Natalie King, P.E.







California Government Agency Outreach

3rd Quarter: July–September 2019

Regional Water Quality Control Board (RWQCB)

July 16 and August 7 (Rancho Cordova office), July 25 (Redding office), August 14 (Fresno office).

At the request of the RWQCB, Board staff provided a review of the licensure requirements for engineers, land surveyors, and geologists, provided information regarding recent updates to the license application requirements and the work that requires a licensed professional, documents that require the stamp/ signature of a licensed professional, definitions of civil engineering and geology, and how that affects the work of the RWQCB. Presented by Laurie Racca, P.G., Natalie King, P.E., and Mike Donelson, P.E.

Division of Oil, Gas and Geothermal Resources (DOGGR)

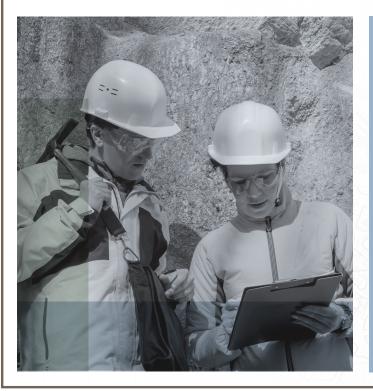
August 15 (Sacramento office), August 21 (Orcutt office), August 22 (Ventura office).

At the request of the DOGGR, Board staff provided a review of the licensure requirements for engineers, land surveyors, and geologists, and provided information regarding recent updates to the license application requirements. Presented by Laurie Racca, P.G., Mike Donelson, P.E., and Tiffany Criswell.

Division of Mine Reclamation (DMR) Surface Mine Workshop

September 17 (Sacramento).

At the request of the DMR, Board staff provided a review of the licensure requirements for engineers, land surveyors, and geologists as part of the DMR Surface Mine Workshop series. Presented by Laurie Racca, P.G., and Dallas Sweeney, PLS.



Fall 2019 Bulletin:

www.bpelsg.ca.gov/pubs/bulletin.latest.pdf



X. Technical Advisory Committees (TACs)

- A. Assignment of Items to TACs (Possible Action)
- B. Appointment of TAC Members (Possible Action)
- C. Reports from the TACs (Possible Action)

XI. President's Report/Board Member Activities

XII.Approval of Meeting Minutes (Possible Action)A. Approval of the Minutes of the November 21, 2019, Board Meeting

DRAFT

MINUTES OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

Elihu M. Harris Building 1515 Clay Street, Conference Room 2 Oakland, CA 94612

Thursday, November 21, 2019

Board Members	Fel Amistad, President; Steve Wilson, Vice President; Natalie			
Present:	Alavi; Alireza Asgari; Kathy Jones Irish; Eric Johnson; Coby			
	King; Betsy Mathieson; Frank Ruffino; and Robert Stockton			
Board Members	Duane Friel; Andrew Hamilton; Asha Lang; and Mohammad			
Absent:	Qureshi			
Board Staff Present:	Ric Moore (Executive Officer); Nancy Eissler (Assistant			
	Executive Officer); Tiffany Criswell (Enforcement Manager);			
	Celina Calderone (Board Liaison); Dallas Sweeney (Senior			
	Registrar); Jeff Alameida (Administration Manager); and Reza			
	Pejuhesh (Legal Counsel)			

I. Roll Call to Establish a Quorum

President Amistad called the meeting to order at 9:02 a.m., and a quorum was established.

II. Pledge of Allegiance

Ms. Irish led everyone in the recitation of the Pledge of Allegiance.

III. Public Comment for Items Not on the Agenda

During Public Comment, Mr. Andreas Deak, PLS, reported that he has been a surveyor for 40 years. He stated that last summer he was placed on probation and wrote several letters to the Board for guidance on what to do, but there was no response. President Amistad asked that he put his comments in writing. Mr. Moore introduced Mr. Deak to Ms. Criswell and recommended that Mr. Deak discuss his concerns with her.

IV. Administration

- A. Fiscal Year 2017/18 Budget Status
- B. Fiscal Year 2018/19 Budget Status
- C. Fiscal Year 2019/20 Budget Report

Mr. Alameida, Administrative Services Manager, reported on the above topics. He continues to wait for the Fi\$Cal reports from DCA and is working with the Budget Office to be able to provide the most up to date information in reference to revenue reported to the Governor's Office and updated expenditures for the Fi\$Cal system. Much of the revenue and expenditures are tracked internally, which helps the Board get as close as it can to year-end financial reports for Fiscal Year 2017/18 and 2018/19. He expects to have more information within the next few months to present at the next Board meeting.

Mr. King inquired if all state agencies are in the same position as the Board. Mr. Alameida indicated that it varies by agency. The majority of state departments are in the Fi\$Cal system. Some agencies that are supposed to be phased into the Fi\$Cal system have indicated that they do not want to be phased in until the issues are worked out. He added that Fi\$Cal does indeed work and has seen improvements at pulling reports more efficiently.

V. Legislation

A. 2020 Legislative Calendar

Ms. Eissler reviewed the Legislative Calendar and reported that the legislature is not in session. More information will likely be available at the next Board meeting. It will be the second year of a two-year cycle. Bills that did not make it through this past year may be brought back. There may be some clean-up legislation for the Board to pursue. The Senate Business, Professions, and Economic Development Committee may have an Omnibus bill for the various boards and programs under DCA for non-controversial, non-substantive changes that may be included in that bill. Since the Board accomplished a great deal with Sunset, she does not anticipate anything major for the Board for the upcoming year.

VI. Enforcement

- A. Enforcement Statistical Reports
 - 1. Fiscal Year 2019/20 Update

Ms. Criswell presented the Enforcement statistics. Mr. King noted that there is a case that has fallen into the 3-4 year range. Ms. Criswell reported that it is currently at the Division of Investigation (DOI) and indicated there has been personnel turn-over and shifting within DOI resulting in a number of cases that needed to be reevaluated and reinvestigated.

VII. Exams/Licensing

A. Update on 2019 Examinations

Mr. Moore introduced Kate Tibbitts and Cheryl Guidi who work in the Board's Examination Unit. Ms. Tibbitts is responsible for the California Specific Examination (CSE) for Professional Geologists and ASBOG examinations and Ms. Guidi is responsible for the Engineering Geology Examination and the Hydrogeology examination.

Mr. Moore reported that there have been a few postponements of examinations due to the fires and power outages throughout the state. The vendor took care of rescheduling the candidates who were affected by these events.

B. Third Quarter Examination Results

Mr. Moore reviewed the third quarter California State Specific Civil Engineer Examination Results and the Civil Engineer - Engineering Surveying Results.

C. Update on Alternate Item Types for California Examinations

Alternate Item Types have started with the Geotechnical Engineer examination that was administered in Fall 2019. Staff will evaluate and increase development efforts for other examinations. Information is being assembled on alternate item types and will be posted to the Board's website to clarify definitions.

- D. Adoption of Test Plan Specifications
 - 1. Professional Geologist Certified Engineering Geologist (CEG)
 - 2. Professional Geologist Certified Hydrogeologist (CHG)

Mr. Moore reviewed the Certified Engineering Geologist (CEG) and the Certified Hydrogeologist (CHG) test plan specifications, which are the result of the occupational analysis.

Ms. Mathieson explained her understanding for the purpose of the occupational analysis and the resulting test plan, which is to keep the examinations current with the knowledge and skills that are used in the profession.

MOTION:	Ms. Mathieson and Mr. Stockton moved to approve both the CEG and CHG Test Plan Specifications.
VOTE:	10-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson	Х				
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

VIII. Executive Officer's Report

A. Rulemaking Status Report

Mr. Alameida reported that the rulemaking package related to the Board's proposed fee changes was submitted on Tuesday, November 19, 2019, to OAL with a requested publication date of Friday, November 29, 2019. This proposal will set a new standardization for fees for all license types. There will be a public hearing on January 14, 2020, after the close of the 45-day comment period.

B. Update on Board's Business Modernization/PAL Process

Mr. Alameida reported that the Board is moving forward with an anticipated date of January 10, 2020, for contract execution with a system integrator. DCA contracted with a project manager and assigned staff from DCA who will support the effort for the four programs involved in Business Modernization Cohort 1. Contract response review is currently taking place for the system integrator. This will continue over the course of November and December. Staff will hopefully select a vendor to execute a contract to develop the software solution proposed in the contract. The Request for Offers (RFO) not only indicate recommending software, but a development/implementation team. The goal is to continue to assess the vendor responses and review proposed software.

C. Personnel

Mr. Moore reported there are two vacant analyst positions, one in the Enforcement unit and one in the Budget unit. Recruitment options are being considered by the respective managers.

D. ABET

President Amistad attended an ABET visit. He strongly recommends the experience to everyone.

Ms. Criswell also participated in a visit. She focused on the administration rather than the programs and toured the many senior projects and met with the registrar. They included her as much as they could and were very welcoming. She hopes to be able to participate again.

Mr. Ruffino reported that since he had previously attended an ABET visit, he was more experienced and knew what to expect.

- E. Association of State Boards of Geology (ASBOG)
 - 1. Report on the 2019 Annual Meeting

Mr. Moore attended the ASBOG Annual Meeting which was held in Minneapolis, MN along with Laurie Racca, Staff Geologist and Chair of the Examination Committee for ASBOG, where she was able to coordinate the Council of Examiners Workshop.

Ms. Mathieson was there in an official voting representative capacity and participated in exam development. She provided an overview of the presentations.

Mr. Moore added that next year's meeting will be held in Madison, WI.

- F. National Council of Examiners for Engineering and Surveying (NCEES)
 - Member Board Administrator Committee Draft Resolution of Cooperation Mr. Moore presented the draft resolution and staff report. His understanding is that the MBA Committee is looking for all member boards to provide feedback so they can modify and prepare a final draft to return to all the member boards in time for them to consider it before the April combined zone meeting in Houston, TX.

Mr. Stockton indicated that the Resolution of Cooperation is contrary to how NCEES and member boards should work together. His suggestion is to not respond to it at all.

Mr. King said that the Resolution of Cooperation itself needs to be very clear that it is not binding but aspirational. It requires a lot of work

Ms. Eissler reported that there are some Member Board Administrators that have said they are fine with the language, while others have been advised by their legal counsel not sign it regardless of what it says. Others have provided recommended changes, and a few who have not commented at all. Mr. Moore added that the MBA Committee representatives have said that they do not consider the document binding, but not everyone agrees that the Resolution of Cooperation makes that clear.

Mr. Wilson and Dr. Asgari moved that the Board not take a position and not respond.

Mr. Stockton provided preliminary changes to the Resolution. Mr. Moore suggested that the Board decide whether they would like to provide comment or not. If the Board decides to do so, then entertain what those changes or comments might be.

Mr. Wilson and Dr. Asgari withdrew the motion.

Mr. Johnson believes this will die but the Board still needs to communicate its concerns.

MOTION:	Mr. King and Mr. Wilson moved that the Board communicate					
	with NCEES or the MBA Committee that California strongly					
	objects to the current draft of the resolution and California will					
	not sign on to anything that does not explicitly recognize each					
	state's individual sovereignty over these issues. While					
	California is in favor of increased comity and further					
	cooperation across boards and licensure, this resolution					

	needs significant changes before the Board would consider signing it.
VOTE:	10-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson	Х				
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

12:45 p.m. Ms. Mathieson left the Board meeting.

2. Nomination of Associate Members

MOTION:	Mr. King and Mr. Ruffino moved to nominate both Candace Cummins and Natalie King as Associate Members.
VOTE:	9-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson				Х	
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

3. Nomination for Western Zone Assistant Vice President

	Mr. Johnson and Mr. Ruffino moved to nominate Dr. Qureshi as Western Zone Assistant Vice-President.
VOTE:	9-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson				Х	
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

4. Out-of-State Travel Request for April 2020 Combined Interim Zone Meeting Mr. Moore reminded the Board that every spring, DCA asks all boards to submit a blanket request for any Out-of-State travel for the upcoming Fiscal Year. All of the Board's requests were approved for the current fiscal year with the exception of the NCEES April 2020 combined Zone meeting in Houston, TX. Because Texas is on the list of prohibited states that is maintained by the Attorney General's Office, it was denied. Mr. Moore is seeking guidance on how to proceed, whether or not the Board would like to submit another out-of-state request. Ms. Eissler explained that a law was passed a few years ago prohibiting the expenditure of state funds for travel to certain states based on laws those states have passed that meet certain conditions that California deems discriminatory. Ms. Eissler noted that there are exemptions to when someone can travel to those states on official State of California business; one of those exemptions is if the affected board makes a determination that the travel is necessary to ensure the protection of the public health, safety, and welfare. Mr. Moore noted that it is unlikely that the Board would be able to justify qualifying for an exemption to attend this Zone meeting.

MOTION:	Mr. Stockton and Mr. Wilson moved to direct staff to submit an
	individual Out-of-State travel request for the NCEES April
	2020 combined Interim Zone meeting in Houston, Texas,

	based on the Board's determination that travel to the state of Texas to attend this meeting is necessary to ensure the protection of the public health, welfare, and safety of the consumers of professional engineering and land surveying services in California.
VOTE:	8-0-1, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson				Х	
Mohammad Qureshi				Х	
Frank Ruffino			Х		
Robert Stockton	Х				

G. Update on Outreach Efforts

Dr. Asgari reported that he attended the Sacramento State Outreach presentation with Staff Civil Engineer Natalie King and reported it was very well presented and received.

Ms. Irish appreciates being kept apprised of upcoming outreach efforts.

1:25 p.m. Ms. Mathieson returned.

H. Unlicensed Activity Research - Enforcement Statistics

At the September 2019 Board meeting, the Board requested information on enforcement activities related to unlicensed activity as well as information from other peer boards from NCEES or ASBOG. While the research for national information is continuing, Mr. Moore reviewed the various enforcement statistics that were available such as unlicensed activity related to complaints and enforcement investigations, and citations.

IX. National Transportation Safety Board (NTSB) Letter to Governor Related to Professional Engineer Exemption and Gas Pipelines – Request for Input from Business, Consumer Services and Housing Agency The Board reviewed and discussed the information in the NTSB letter and report and believes that if the State of California wishes to pursue legislation related to this request, than removing the phrase "public utility" from Business and Professions Code section 6747(a) and a reduction in the number of categories in the definition of "employees" in Business and Professions Code section 6747(b) should be considered.

Erick Trombley, from Southwest Gas Corporation, addressed the Board regarding the NTSB investigation of and findings regarding the gas pipeline explosion in Massachusetts.

MOTION:	Mr. King and Ms. Alavi moved that the Board send a letter to the Business Consumer Services and Housing Agency and provide a copy to the Governor stating that the Board has considered their request to review the letter and provide input and the Board suggests that, if the State of California wishes to pursue legislation, consideration should be given to removing the phrase "public utility" from Business and Professions Code section 6747(a) to reducing the number of categories that make up the definition of "employees" in Business and Professions Code section 6747(b).
VOTE:	10-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish	Х				
Eric Johnson	Х				
Coby King	Х				
Asha Lang				Х	
Betsy Mathieson	Х				
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

X. Review of Professional Land Surveyors' Act and Board Rules related to the Preparation and Submittal of Record of Survey and Corner Record Requirements – Staff Report and Recommendations

Dallas Sweeney, Staff Land Surveyor, presented to the Board the results of a review of the PLS Act and Board Rules related to the requirements for the preparation and submittal of Records of Survey and Corner Records. He facilitated

six workshops throughout California and presented the results of the online survey at those workshops.

Mr. Sweeney reported that he would like to conduct Record of Survey workshops regularly on, at minimum, an annual basis that will highlight the requirements for preparing and reviewing a Record of Survey. He would also like to provide outreach that will be geared to the various County Surveyors to advise them what the PLS Act requires of them when they review Records of Survey in hopes that it will facilitate a better understanding of the protection of the public and reduce enforcement complaints.

Mr. Stockton questioned whether the the Land Surveying Technical Advisory Committee (LSTAC) should meet to discuss these issues. Mr. Sweeney explained that he intends to perform an in-depth review the comments he received to determine what aspects of the PLS Act and Board Rules might need clarification and determine whether it is something that can be accomplished through regulation or statute. Once that review is complete, he will present the information to the Board so that the Board can decide whether to involve the LSTAC.

Ian Wilson, County Surveyor for Alameda County, expressed his appreciation that the Board took on this project. He believes that some terms need to be defined and clarified through a regulatory process.

XI. Technical Advisory Committees (TACs)

- A. Assignment of Items to TACs No report given.
- B. Appointment of TAC Members No report given.
- C. Reports from the TACs No report given.

XII. President's Report/Board Member Activities

President Amistad attended an ABET visit and recommends that other members become involved.

He also added that he attended various schools to learn more about their programs on his own.

Ms. Mathieson reported that the ethics committee with ASBOG is looking at ethics guidelines from different state boards and are finding inconsistencies. The Minnesota Board's Executive Officer indicated that Minnesota had two enforcement cases in the last year, and one individual was found to have falsified the ethics course certificate.

III. Public Comment for Items Not on the Agenda

Mr. Moore read a statement to the Board from Rob McMillan. Mr. McMillan served as the California Land Surveyors Association (CLSA) Liaison to the Board for the last several years. He has now been elected to serve as the 2020 CLSA President-Elect, and he anticipates his schedule will be active throughout the year; therefore, he has asked CLSA President Keith Spencer to find a replacement liaison to the Board for 2020.

Alan Escarda, the Professional Engineers in California Government (PECG) Liaison to the Board, introduced himself and invited the Board to attend PECG's June meeting to provide an outreach presentation.

XIII. Approval of Meeting Minutes

A. Approval of the Minutes of the September 26, 2019, Board Meeting

MOTION:	Ms. Mathieson and Mr. Johnson moved to approve the					
	minutes as amended.					
VOTE:	10-0, Motion Carried.					

Member Name	Yes	No	Abstain	Absent	Recusal
Fel Amistad	Х				
Steve Wilson	Х				
Natalie Alavi	Х				
Alireza Asgari	Х				
Duane Friel				Х	
Andrew Hamilton				Х	
Kathy Jones Irish			Х		
Eric Johnson	Х				
Coby King			Х		
Asha Lang				Х	
Betsy Mathieson	Х				
Mohammad Qureshi				Х	
Frank Ruffino	Х				
Robert Stockton	Х				

XIV. 2020 Board Meeting Schedule

Mr. Moore presented the tentative Board meeting schedule for 2020. He reported that the May meeting will take place in Ventura and the August meeting will take place in Sacramento. Ms. Irish suggested that the June meeting take place at the Los Angeles City Hall and agreed she could help with arranging a suitable location. President Amistad suggested the December meeting be held in San Diego, and Dr. Asgari suggested Monterey for the March meeting. While there were some minor scheduling conflicts for one or two board members, the proposed schedule did not appear to impact quorum.

XV. Discussion Regarding Proposed Agenda Items for Next Board Meeting

Vice-President Wilson requested the status of the online renewal assessment. Mr. Moore noted that it is one of the system requirements in the Business Modernization Project.

Vice-President Wilson requested that the Board look into enforcement action relative to surveying specifically with ALTA surveys that involve a survey broker. Mr. Moore stated that the staff would have to review individual cases to provide any statistical data.

The Board will schedule a review/update of the current Strategic Plan with SOLID during the August 2020 Board meeting.

Mr. Moore advised the Board that staff has raised concerns that TAC members are required to complete mandated training and financial disclosure forms even when there are no meetings held. Mr. Moore suggested adding to a future agenda a discussion topic regarding how long to maintain members of the TAC if the TAC is not active.

XVI. Closed Session – The Board met in Closed Session to discuss, as needed:

- A. Personnel Matters [Pursuant to Government Code sections 11126(a) and (b)]
 1. Executive Officer Performance Evaluation
- B. Examination Procedures and Results [Pursuant to Government Code section 11126(c)(1)]
- C. Administrative Adjudication [Pursuant to Government Code section 11126(c)(3)]
- D. Pending Litigation [Pursuant to Government Code section 11126(e)]

XVII. Open Session to Announce the Results of Closed Session

During Closed Session, the Board took action on eight stipulations and five proposed decisions and discussed personnel matters as noticed.

XVIII. Adjourn

The meeting adjourned at 4:57 p.m.

PUBLIC PRESENT

Steve Hao, Caltrans Erick Trombley, Southwest Gas Corporation Andreas Deak Ian Wilson, ACPWA Craig Copelan, ASCE Alan Escarda, PECG

XIII. Discussion Regarding Proposed Agenda Items for Next Board Meeting

XIV. Closed Session – The Board will meet in Closed Session to discuss, as needed:

- A. Personnel Matters [Pursuant to Government Code sections 11126(a) and (b)]
 - 1. Executive Officer Performance Evaluation
- B. Examination Procedures and Results [Pursuant to Government Code section 11126(c)(1)]
- C. Administrative Adjudication [Pursuant to Government Code section 11126(c)(3)]
- D. Pending Litigation [Pursuant to Government Code section 11126(e)]