

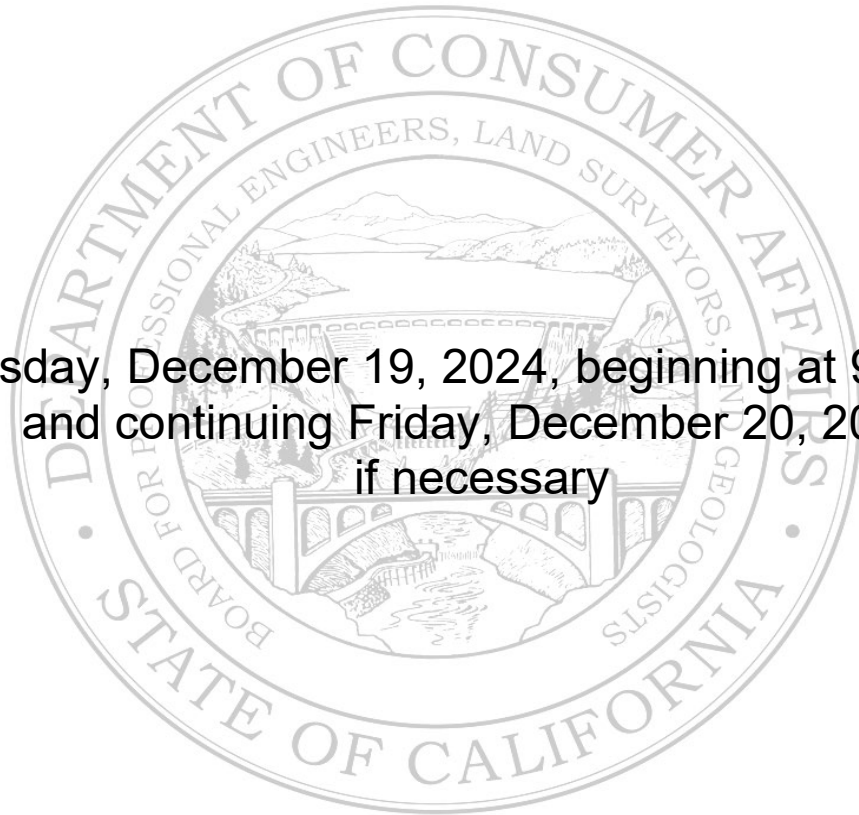


Gavin Newsom, Governor

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

Board for Professional Engineers,
Land Surveyors, and Geologists

Thursday, December 19, 2024, beginning at 9:00 a.m.,
and continuing Friday, December 20, 2024,
if necessary



Department of Consumer Affairs
1625 North Market, Hearing Room #102
Sacramento, CA 95834

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

BOARD MEETING

DECEMBER 19-20, 2024

Department of Consumer Affairs
1625 North Market Boulevard, Hearing Room #102
Sacramento, CA 95834

BOARD MEMBERS

President Christina Wong; Vice-President Guillermo Martinez; Fel Amistad; Alireza Asgari; Khaesha Brooks; Rossana D'Antonio; Michael Hartley; Coby King; Betsy Mathieson; Frank Ruffino; Wilfredo Sanchez; Fermin Villegas; and Cliff Waldeck

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IV. Hearing on the Petition for Reinstatement of Revoked License of Adebowale Olujimi Sodipo NOTE: This hearing will be held on Thursday, December 19, 2024, beginning at 9:00 a.m., or as soon thereafter as the matter may be heard.	11
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NOTE: The Board will meet in Closed Session immediately following the Hearing on the Petition for Reinstatement of Revoked License to decide that matter, pursuant to Government Code Section 11126(c)(3).	

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VI. Administration

- A. Fiscal Year 2024/25 Budget Report
- B. Status Update to Fee Change Rulemaking Proposal

GUIDE TO READING THE REVENUE REPORT AND EXPENDITURE REPORT

Revenues

Fee increase effective January 1, 2021 has had a positive impact on revenues. Total revenue up \$1,276,880 (25%) over prior period.

Current Year Projections
Identifies the revenue amount that BPELSG projects for FY 21-22.

Revenue Category	PRIOR YEAR FY 2020-21 FM 4	CURRENT YEAR FY 2021-22 FM 4	CURRENT YEAR Projections
Delinquent Fees	\$38,696	↑ \$51,464	\$150,076
Other Regulatory Fees	\$32,130	↑ \$39,578	\$102,138
Other Regulatory Licenses & Permits	\$297,960	↑ \$645,747	\$1,743,588
Other Revenue	\$20,822	↓ \$10,486	\$51,328
Renewal Fees	\$3,415,953	↑ \$4,335,166	\$10,269,519
Total	\$3,805,560	↑ \$5,082,440	\$12,316,649

Revenue Category
Provides the name of the line item where our revenues occur.

Prior Year
Revenue collected up to FM 4 in October of 2020.

Arrows
These indicate a change in the current year over prior year. Up/green arrows indicate an increase and down/red arrows indicate a decrease over the prior period.

Current Year
Revenue collected up to FM 4 in October of 2021.

Department of Consumer Affairs
Expenditure Projection Report

Fiscal Month: 4
Fiscal Year: 2021 - 2022
Run Date: 12/09/2021

Fiscal Month
Identifies the expenditures up to October 2021

Fiscal Year
Identifies the current year

Run Date
Identifies the date this report was pulled from QBIRT

CY 21-22 YTD + Encumbrance
Provides a FM 4 total of YTD Actual and Encumbrance.

Governor's Budget
Publication that the Governor presents which identifies the current year authorized expenditures.

PERSONAL SERVICES

Notes	Fiscal Code	PY 20-21 FM 4 YTD + Encumbrance	CY 21-22 FM 4 YTD + Encumbrance	Governor's Budget	Percent of Governor's Budget Spent	Projections to Year End
1	5100 PERMANENT POSITIONS	\$955,435	\$1,077,755	\$3,425,000	31%	\$3,389,367
	5100 TEMPORARY POSITIONS	\$35,155	\$45,403	\$232,000	20%	\$130,000
	5105-5108 PER DIEM, OVERTIME, & LUMP SUM	\$600	\$38,876	\$36,000	108%	\$48,476
	5150 STAFF BENEFITS	\$559,421	\$618,030	\$1,703,000	36%	\$1,812,693
	PERSONAL SERVICES	\$1,550,611	\$1,780,065	\$5,396,000	33%	\$5,380,536

OPERATING EXPENSES & EQUIPMENT

2	5301 GENERAL EXPENSE	\$23,898	\$22,392	\$32,000	70%	\$71,871
3	5302 PRINTING	\$24,766	\$69,808	\$26,000	268%	\$33,966
	5304 COMMUNICATIONS	\$4,452	\$3,384	\$15,000	23%	\$20,777

Object Description
Provides the name of the line item where our expenditures occur.

PY 20-21 YTD + Encumbrance
Provides a FM 4 total of YTD Actual and Encumbrance.

Percent of Governor's Budget spent
Identifies the percentage spent at CY 21-22 FM 4 according to the Governor's Budget.

Projections to Year End
Identifies the expenditure amount that BPELSG projects for FY 21-22.

	OPERATING EXPENSES & EQUIPMENT	\$3,239,095	\$2,474,539	\$6,831,000	36%	\$5,308,996
	OVERALL TOTALS	\$4,789,706	\$4,254,604	\$12,227,000	35%	\$10,689,532

*Does not include additional Architecture Revolving Fund Expenses TBD

SURPLUS/(DEFICIT): 13%

Surplus/(Deficit)
Identifies if we have higher revenue and lower expenses (Surplus) or higher expenses and lower revenue (Deficit). This percentage is calculated using (Governor's Budget-Projections to Year End)/ Governor's Budget.

FINANCIAL REPORT

FISCAL YEAR 2024-25 FISCAL MONTH 4 FINANCIAL STATEMENT

Revenues

Total revenue is up \$1,005,044 over Prior Year 2022-23. Current Fiscal Year 2024-25 is a low volume year for renewals therefore we are comparing it to Prior Year 2022-23 due to it also being a low volume year for renewals.

Revenue Category	PRIOR YEAR FY 2022-23 FM 4	PRIOR YEAR FY 2023-24 FM 4	CURRENT YEAR FY 2024-25 FM 4	CURRENT YEAR FY 2024-25 PROJECTION
Delinquent Fees	\$53,627	\$42,698	\$24,630	\$141,610
Other Regulatory Fees	\$32,330	\$26,530	\$ 23,238	\$79,487
Other Regulatory Licenses & Permits	\$667,356	\$713,573	\$680,037	\$1,895,668
Other Revenue	\$29,311	\$59,510	\$82,854	\$14,324
Renewal Fees	\$4,220,948	\$5,584,752	\$ 5,197,856	\$9,302,981
Total	\$5,003,571	\$6,427,062	\$6,008,615	\$11,434,070

Reimbursements as of FM4 totaled \$53,477 including \$23,107 in Background Checks and \$30,370 in Cost Recovery. Background check expenses are included in the General Expense category.

**Department of Consumer Affairs
Expenditure Projection Report**

Fiscal Month: 4

Fiscal Year: 2024 - 2025

Run Date: 11/26/2024

PERSONAL SERVICES

Notes	Fiscal Code	PY 23-24 FM4 YTD + Encumbrance	CY 24-25 FM4 YTD + Encumbrance	Governor's Budget	Percent of Governor's Budget Spent	Projections to Year End
1	5100 PERMANENT POSITIONS	\$1,166,860	\$1,197,048	\$3,817,000	31%	\$3,713,500
	5100 TEMPORARY POSITIONS	\$1,191	\$0	\$232,000	0%	\$3,000
	5105-5108 PER DIEM, OVERTIME, & LUMP SUM	\$2,400	\$3,100	\$36,000	9%	\$18,000
	5150 STAFF BENEFITS	\$703,999	\$670,077	\$2,065,000	32%	\$2,228,100
	PERSONAL SERVICES	\$1,874,449	\$1,870,225	\$6,150,000	30%	\$5,962,600

OPERATING EXPENSES & EQUIPMENT

2	5301 GENERAL EXPENSE	\$15,707	\$23,778	\$32,000	74%	\$76,523
	5302 PRINTING	\$77,304	\$3,410	\$26,000	13%	\$88,555
	5304 COMMUNICATIONS	\$4,087	\$1,503	\$15,000	10%	\$27,497
	5306 POSTAGE	\$27,848	\$0	\$36,000	0%	\$36,000
	5308 INSURANCE	\$0	\$0	\$0	0%	\$86
	53202-204 IN STATE TRAVEL	\$8,438	\$3,028	\$22,000	14%	\$42,000
	53206-208 OUT OF STATE TRAVEL	\$0	\$0	\$0	0%	\$4,250
	5322 TRAINING	\$0	\$0	\$15,000	0%	\$0
3	5324 FACILITIES*	\$447,839	\$466,553	\$377,000	124%	\$494,542
4	53402-53403 C/P SERVICES (INTERNAL)	\$235,750	\$142,922	\$1,127,000	13%	\$619,000
5	53404-53405 C/P SERVICES (EXTERNAL)	\$2,383,458	\$3,223,104	\$3,639,000	89%	\$2,472,415
6	5342 DEPARTMENT PRORATA	\$1,000,500	\$1,050,500	\$2,101,000	50%	\$2,101,000
7	5342 DEPARTMENTAL SERVICES	\$750	\$6,430	\$27,000	24%	\$27,000
	5344 CONSOLIDATED DATA CENTERS	\$31	\$0	\$22,000	0%	\$22,000
	5346 INFORMATION TECHNOLOGY	\$57,435	\$121,686	\$94,000	129%	\$318,692
	5362-5368 EQUIPMENT	\$18,078	\$15,172	\$0	0%	\$37,000
	5390 OTHER ITEMS OF EXPENSE	\$0	\$0	\$3,000	0%	\$0
	54 SPECIAL ITEMS OF EXPENSE	\$898	\$1,620	\$0	0%	\$1,700
	OPERATING EXPENSES & EQUIPMENT	\$4,278,123	\$5,059,706	\$7,536,000	67%	\$6,368,259
	TOTALS	\$6,152,572	\$6,929,931	\$13,686,000	51%	\$12,330,859
8	4840-4850 REIMBURSEMENTS					\$108,000
	OVERALL TOTALS & REIMBURSEMENTS		19			\$12,222,859

0770 - Professional Engineer's, Land Surveyor's and Geologist's Fund

Analysis of Fund Condition

Prepared 11/26/2024

(Dollars in Thousands)

PY 23-24 Actuals & CY 24-25 FM 4	Actual 2023-24	CY 2024-25	BY 2025-26	BY+1 2026-27
BEGINNING BALANCE	\$ 2,481	\$ 3,266	\$ 2,037	\$ 1,366
Prior Year Adjustment	\$ 269	\$ -	\$ -	\$ -
Adjusted Beginning Balance	\$ 2,750	\$ 3,266	\$ 2,037	\$ 1,366
REVENUES, TRANSFERS AND OTHER ADJUSTMENTS				
Revenues:				
4121200 Delinquent fees	\$ 114	\$ 142	\$ 139	\$ 142
4127400 Renewal fees	\$ 10,028	\$ 9,303	\$ 10,080	\$ 9,303
4129200 Other regulatory fees	\$ 78	\$ 79	\$ 79	\$ 79
4129400 Other regulatory licenses and permits	\$ 2,289	\$ 1,896	\$ 1,907	\$ 1,896
4163000 Income from surplus money investments	\$ 264	\$ 193	\$ 180	\$ 193
4171400 Escheat of unclaimed checks and warrants	\$ 10	\$ 17	\$ 12	\$ 17
4172500 Miscellaneous revenues	\$ 0	\$ 0	\$ 0	\$ 0
Totals, Revenues	\$ 12,783	\$ 11,630	\$ 12,398	\$ 11,630
Operating Transfers to General Fund per EO E 21/22 - 276 Revised (AB 84)	\$ -	\$ -	\$ -	\$ -
Totals, Transfers and Other Adjustments	\$ 12,783	\$ 11,630	\$ 12,398	\$ 11,630
Totals, Revenues, Transfers and Other Adjustments	\$ 15,533	\$ 14,896	\$ 14,435	\$ 12,996
EXPENDITURES				
Disbursements:				
1111 Department of Consumer Affairs (State Operations)	\$ 11,476	\$ 12,223	\$ 12,590	\$ 12,967
9892 Supplemental Pension Payments (State Operations)	\$ 209	\$ 157	\$ 0	\$ 0
9900 Statewide General Administrative Expenditures (Pro Rata) (State Operations)	\$ 582	\$ 479	\$ 479	\$ 479
Less funding provided by General Fund (State Operations)	\$ -	\$ -	\$ -	\$ -
Total Disbursements	\$ 12,267	\$ 12,859	\$ 13,069	\$ 13,446
FUND BALANCE				
Reserve for economic uncertainties	\$ 3,266	\$ 2,037	\$ 1,366	\$ -450
Months in Reserve	3.0	1.9	1.2	-0.4

NOTES:

- A. ASSUMES WORKLOAD AND REVENUE PROJECTIONS ARE REALIZED IN CY AND BY.
- B. ASSUMES APPROPRIATION GROWTH OF 3% PER YEAR BEGINNING IN BY AND BY+1.

Expenditure Report Notes

- 1 Salary & Wages (Staff)** - The projected expenditures for salaries and wages is due to the Board being almost fully staffed, and includes merit salary adjustments and the bargaining unit agreements effective July 1, 2024.
- 2 General Expenses** - Includes Membership and Subscription Fees, Freight and Drayage, Office Equipment - Maintenance, Office Supplies, and DOJ and FBI fees for background checks which are reimbursed. Scheduled background check reimbursements through FM 4 are at \$23,107.
- 3 Facilities Operations** - Includes facilities maintenance, facilities operations, janitorial Services, rent and leases, exam rental sites, and security.
- 4 C&P Services Interdepartmental** - Includes all contract services with other state agencies for examination services (Dept. of Conservation). This line item also now includes enforcement expenses for the Attorney General and the Office of Administrative Hearings.
- 5 C&P Services External** - Includes all external contracts (examination development, expert consultant agreements, business modernization contracts, credit card processing, evidence and witness fees, and court reporter services).
- 6 DCA Pro Rata** - Includes distributed costs of programmatic and administrative services from DCA.
- 7 Departmental Services (Interagency Services)** - Includes pay-per-services billed through the Department of General Services.
- 8 Reimbursements** - Includes Reimbursements-Private Sectors (contracted with Guam to provide California Civil Seismic Principles Exams on the same dates the exam is administered in California by the Guam Registration Board at the rate of \$175 per examination that are administered to applicants), Fingerprint Reports, Cost Recovery, and US DOI Civil Case.

Board of Professional Engineers, Land Surveyors, and Geologists Examinations - Fiscal Impact (workload costs)

Workload Tasks	Volume Per Year	Hours Per Exam	Job Classification				
			AGPA	MST	Sr Reg	SSMI	Exec
Plan & facilitate exam development for state exams	9	445	4,005	-	-	-	-
Develop technical materials	9	209	1,879	-	-	-	-
Coordinate workshops & meetings.	9	223	2,010	-	-	-	-
Research, identify, analyze & special projects	9	139	1,253	-	-	-	-
Maintain item bank of items for all examination	9	70	626	-	-	-	-
Create database & maintenance	9	70	626	-	-	-	-
Recruit/screen/evaluate/liaison of Expert Consultants	9	70	-	626	-	-	-
Respond to vendors/contractors/Experts	9	58	-	522	-	-	-
Manage exam postponement requests	9	35	-	313	-	-	-
Reviews & modifies incorrect exam info	9	35	-	313	-	-	-
Plans & facilitates exam development	9	35	-	313	-	-	-
Exam development	9	186	-	-	1,670	-	-
Exam development & program management	9	2,244	-	-	0	2,053	191
Total Hours	9	3,817	10,400	2,088	1,670	2,053	191
Workload Required (Positions)			5.0	1.0	0.8	1.0	0.1
Total Costs (Positions)	\$1,559,903		\$942,242	\$151,086	\$233,258	\$206,712	\$26,606
Additional Costs (i.e. Temp-Help, Contracts, etc.)	\$ 1,582,097						
Personal Services & Operating Expenses & Equip	\$ 3,142,000						
Subsidized Amount (less)	\$ (1,685,000)						
Total Exam Cost Allocation	\$ 1,457,000						
Applications Per Year*	5,828						
Total Cost Per Exam:	\$250						

*Three-year average: 2020-21 through 2022-23

AGPA: Associated Governmental Program Analyst

MST: Management Services Technician

SSMI: Staff Services Manager I

Sr. Reg: Senior Registrar

Exec: Executive Management

Board of Professional Engineers, Land Surveyors, and Geologists In-Training Certificate - Fiscal Impact (workload costs)

Workload Tasks	Volume Per Year	Hours Per App	Job Classification			
			AGPA	SSM I	Sr. Reg	Exec
Application Review	3,094	0.1	309	-	700	-
Applicant Communications	3,094	0.1	155	-	-	-
Applicant Outreach	3,094	0.1	155	-	-	-
Fingerprint Criminal Records Program	3,094	0.1	309	-	-	-
Website and Application Form Review and Maintenance	3,094	0.1	155	-	-	-
Application Documentation Support	3,094	0.1	309	-	-	-
Records Retention	3,094	0.1	155	-	-	-
Licensing Program Management	3,094	0.2	-	619	-	191
Special Projects	3,094	0.1	155	-	-	-
Total Hours	3,094	0.8	1,702	619	700	191
Workload Required (Positions)			1.6	0.3	0.3	0.1
Total Costs (Positions)	495,015		\$ 308,354	\$62,306	\$97,749	\$26,606
Personal Services & Operating Expenses & Equip Costs	\$495,015					
Subsidized Amount (less)	(\$155,000)					
Total Initial License Cost Allocation	\$340,015					
Applications Per Year	3,094					
Total Cost Per Certificate:	\$110					

*Three-year average: 2020-21 through 2022-23

AGPA: Associated Governmental Program Analyst

SSA: Staff Services Analyst

OT: Office Technician (typ)

SSMI: Staff Services Manager I

Sr. Reg: Senior Registrar

Exec: Executive Management

Board of Professional Engineers, Land Surveyors, and Geologists Initial License - Fiscal Impact (workload costs)

Workload Tasks	Volume Per Year	Hours Per App	Job Classification				
			AGPA	MST	Sr Reg	SSMI	Exec
Application Review	3,423	1.2	3,038	-	-	1,070	-
Applicant Communications	3,423	0.5	856	856	-	-	-
Applicant Outreach	3,423	0.1	342	-	-	-	-
Fingerprint Criminal Records Program	3,423	0.2	685	-	-	-	-
Website and Application Form Review & Maintenance	3,423	0.1	342	-	-	-	-
Application Documentation Support	3,423	0.1	342	-	-	-	-
Records Retention	3,423	0.1	342	-	-	-	-
Licensing Program Management	3,423	0.3	-	-	1,027	-	-
Special Projects	3,423	0.3	836	-	-	-	191
Total Hours	3,423	2.9	6,783	856	1,027	1,070	191
Workload Required (Positions)			3.2	0.4	0.5	0.5	0.1
Total Costs (Positions)	1,333,126		\$614,557	\$65,674	\$210,236	\$291,572	\$151,086
Personal Services & Operating Expenses & Equip Costs	\$1,333,126						
Subsidized Amount (less)	(\$440,000)						
Total Initial License Cost Allocation	\$893,126						
Applications Per Year*	3,568						
Total Cost Per Application:	\$250						

*Three-year average: 2020-21 through 2022-23

AGPA: Associated Governmental Program Analyst

SSMI: Staff Services Manager I

Sr. Reg: Senior Registrar

Exec: Executive Management

Board of Professional Engineers, Land Surveyors, and Geologists Renewal License - Fiscal Impact (workload costs)

Workload Tasks	Volume Per Year	Hours Per App	Job Classification						
			AGPA	SSA	OT	OA	SSMI	Sr. Reg	Exec
Admin Board Budget	53,200	0.03	940	-	-	-	731	-	-
Admin Board Liaison	53,200	0.02	522	-	-	-	-	-	626
Admin Cashiering	53,200	0.03	731	-	-	626	-	-	-
Admin Contracts, Procurement & Asset Coordinator	53,200	0.02	1,148	-	-	-	-	-	-
Admin Facilities & Business Services	53,200	0.00	209	-	-	-	-	-	-
Admin Front Desk	53,200	0.02	-	-	626	626	-	-	-
Admin HR Liaison, Training & Emergency Plan Coordinator	53,200	0.04	1,984	-	-	-	-	-	209
Admin Legislative & Regulatory Review	53,200	0.03	731	-	-	-	209	-	418
Admin License Verifications	53,200	0.01	-	-	626	-	-	-	-
Admin Mail Processing	53,200	0.02	-	-	209	835	-	-	-
Admin Outreach	53,200	0.05	940	-	-	-	-	1,950	-
Admin Program Management	53,200	0.06	-	-	-	-	1,148	-	1,824
Admin Records Management Assistant Coordinator	53,200	0.02	1,044	-	-	-	-	-	-
Admin Reporting	53,200	0.02	1,044	-	-	-	-	-	-
Admin Social Media & Publications	53,200	0.01	731	-	-	-	-	-	-
Admin Special Projects	53,200	0.02	835	-	-	-	-	-	-
Admin Website, Development & Analytics	53,200	0.03	1,670	-	-	-	-	-	-
Enforcement Citation Program	53,200	0.01	418	-	-	-	-	-	-
Enforcement Complaint Investigations	53,200	0.17	7,934	-	940	-	-	-	-
Enforcement Delinquent Reinstatement Investigations	53,200	0.00	104	-	-	-	-	-	-
Enforcement Examination Subversion Complaint Investigations	53,200	0.01	313	-	-	-	-	-	-
Enforcement In-House Technical Expert	53,200	0.02	-	-	-	-	-	975	-
Enforcement Liaison to the Office of the Attorney General	53,200	0.01	-	-	-	-	522	-	-
Enforcement Organization Records Maintenance	53,200	0.03	63	-	1,600	-	-	-	-
Enforcement Program Management	53,200	0.03	-	-	-	-	1,566	-	191
Enforcement Reporting Legal Actions Program	53,200	0.03	1,357	-	-	-	-	-	-
Enforcement Subpoena Processing & PRA Requests	53,200	0.03	522	1,044	-	-	-	-	-
Enforcement Technical Expert Program Coordinator	53,200	0.01	313	-	-	-	-	-	-
Enforcement Unit Correspondence	53,200	0.03	898	626	209	-	-	-	-
Enforcement Unit Outreach	53,200	0.01	397	313	-	-	-	-	-
Enforcement Unit Publications	53,200	0.00	209	-	-	-	-	-	-
Total Hours	53,200	0.82	25,056	1,984	4,210	2,088	4,176	2,925	3,268
Workload Required (Positions)			12.0	1.0	2.0	1.0	2.0	1.4	1.6
Total Costs (Positions)	\$ 3,969,823		\$ 2,270,121	\$ 160,243	\$ 297,401	\$ 139,902	\$ 420,472	\$ 408,452	\$ 273,231
Additional Costs (i.e. Temp-Help, Contracts, etc.)	\$ 6,527,177								
Personal Services & Operating Expenses & Equip Costs	\$ 10,577,000								
Subsidized Costs (add)	\$ 2,280,000								
Total Renewal License Costs	\$ 12,857,000								
Applications Per Year*	51,530								
Total Cost Per Application:	\$250								

*Three-year average: 2020-21 through 2022-23

AGPA: Associated Governmental Program Analyst

SSA: Staff Services Analyst

OT: Office Technician (typ)

OA: Office Assistant (typ)

SSMI: Staff Services Manager I

Sr. Reg: Senior Registrar

Exec: Executive Management

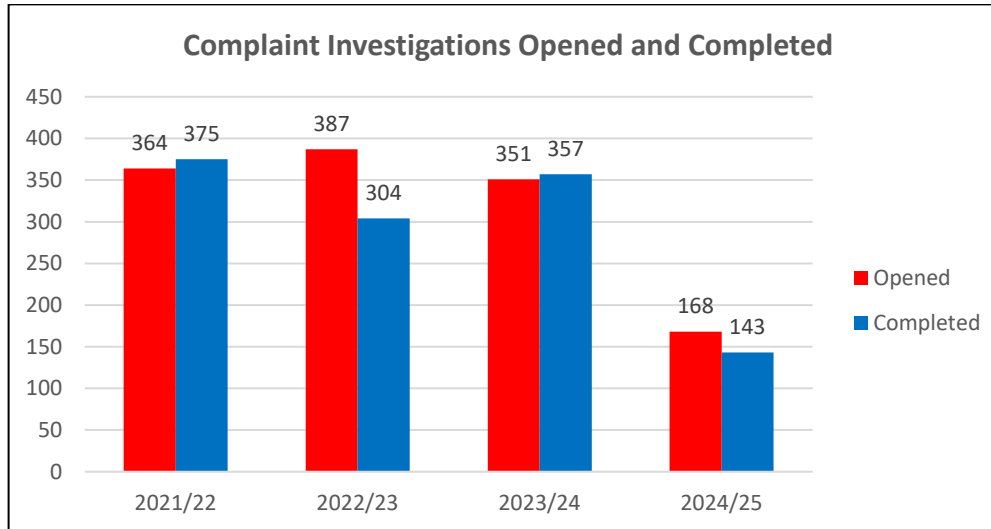
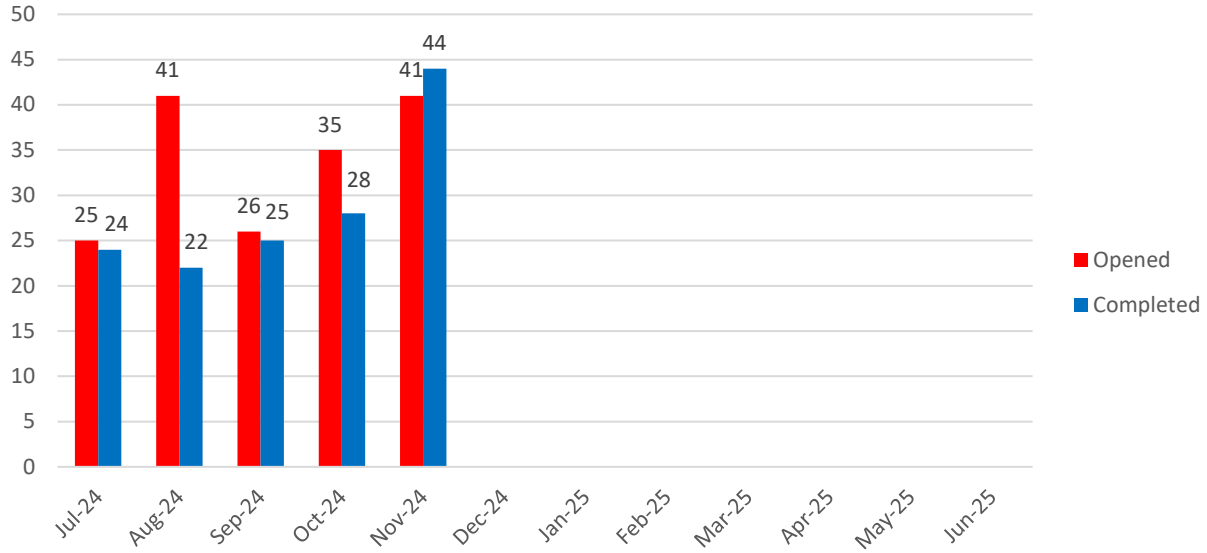
VII. Enforcement

A. Enforcement Statistical Reports

1. Fiscal Year 2024/25 Update

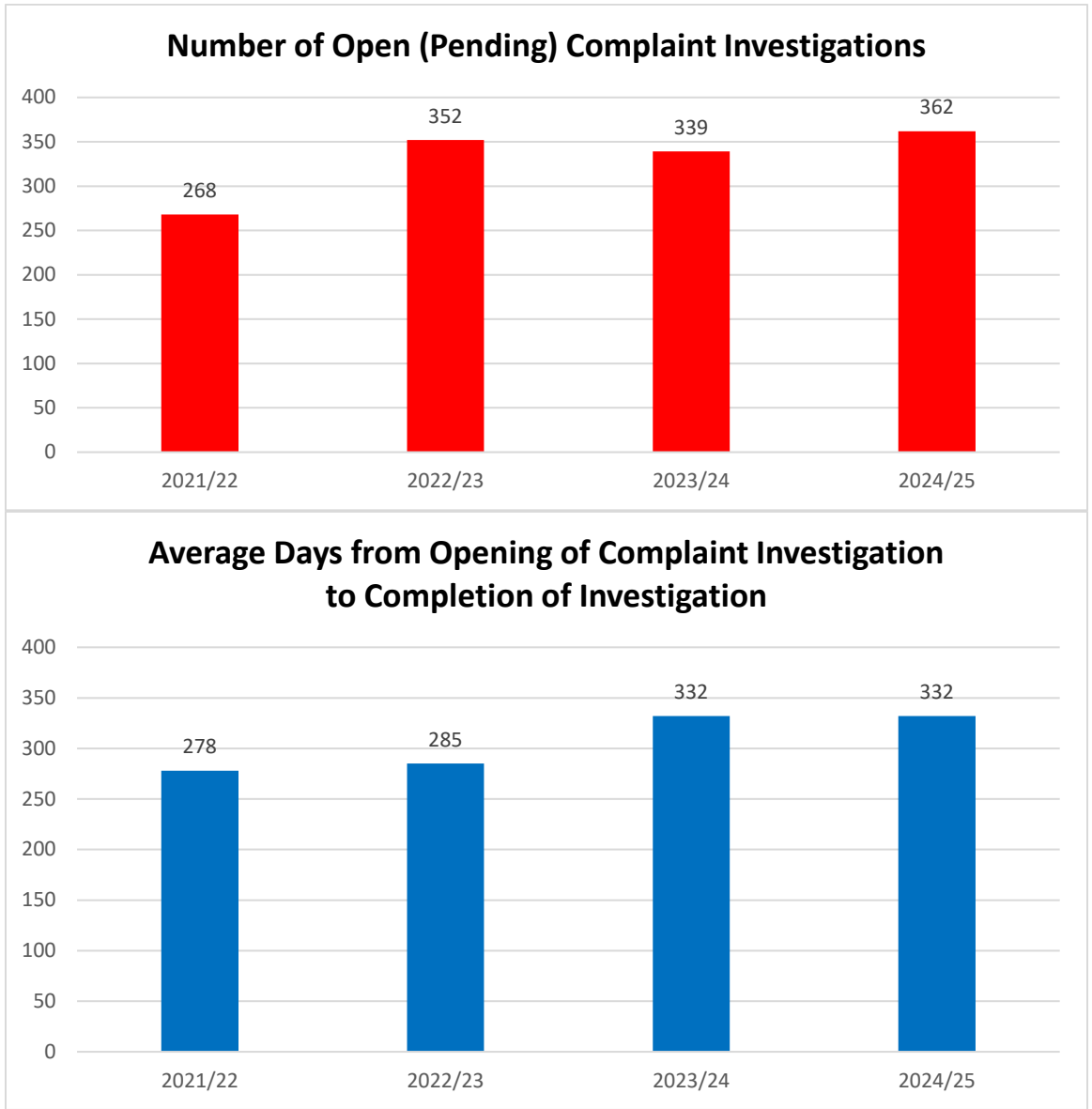
Complaint Investigation Phase

Number of Complaint Investigations Opened & Completed by Month
FY 24/25



NOTE: FY24/25 statistics are through November 30, 2024

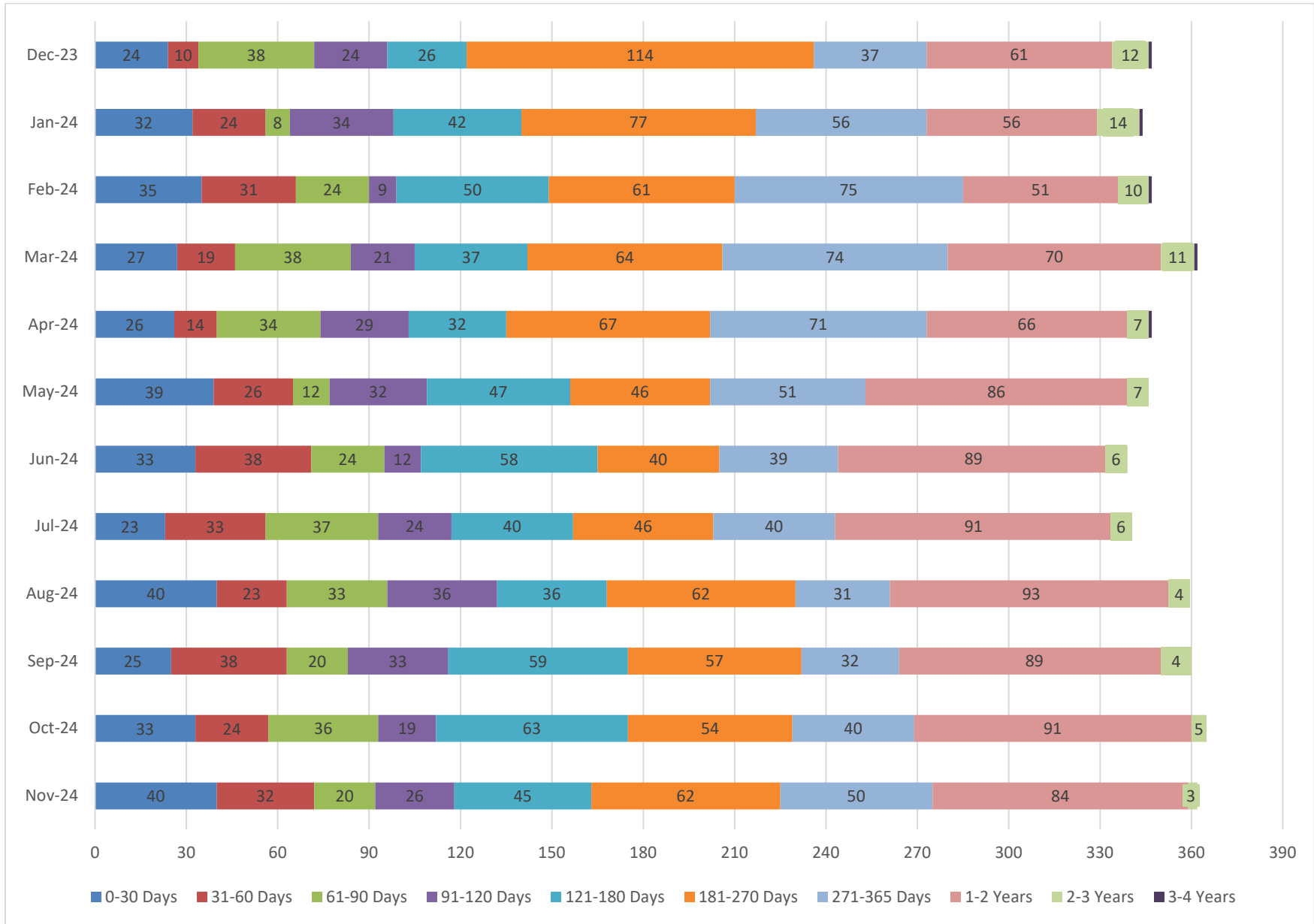
Complaint Investigation Phase



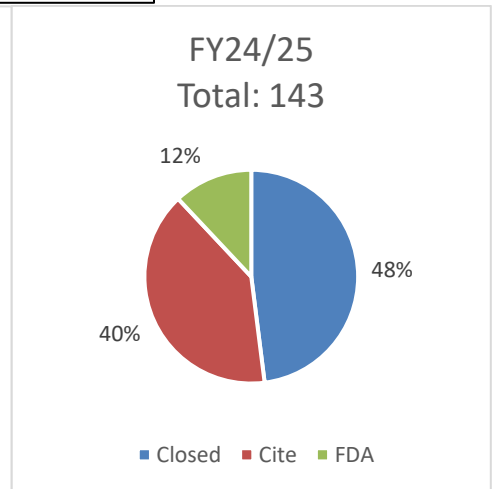
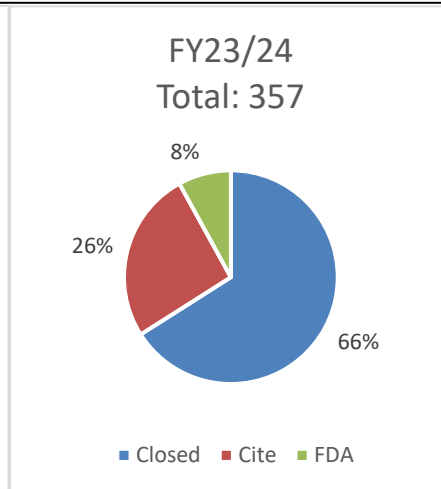
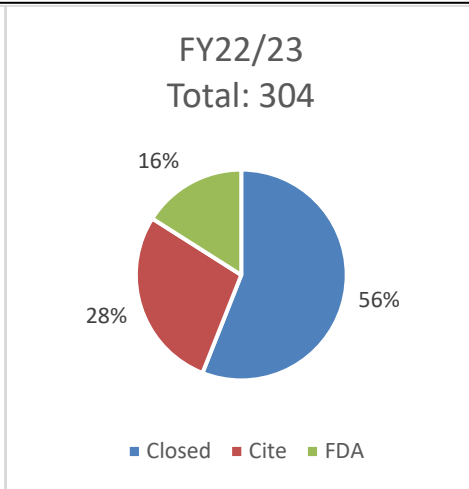
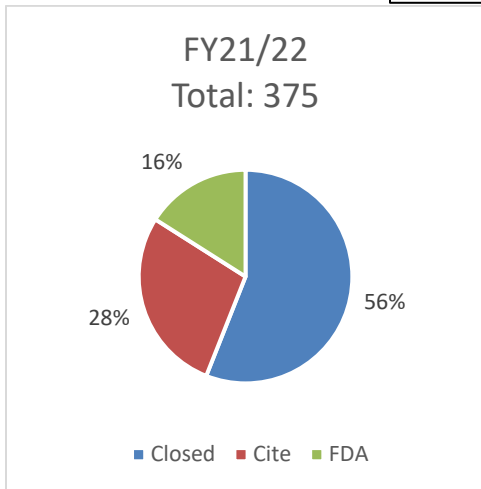
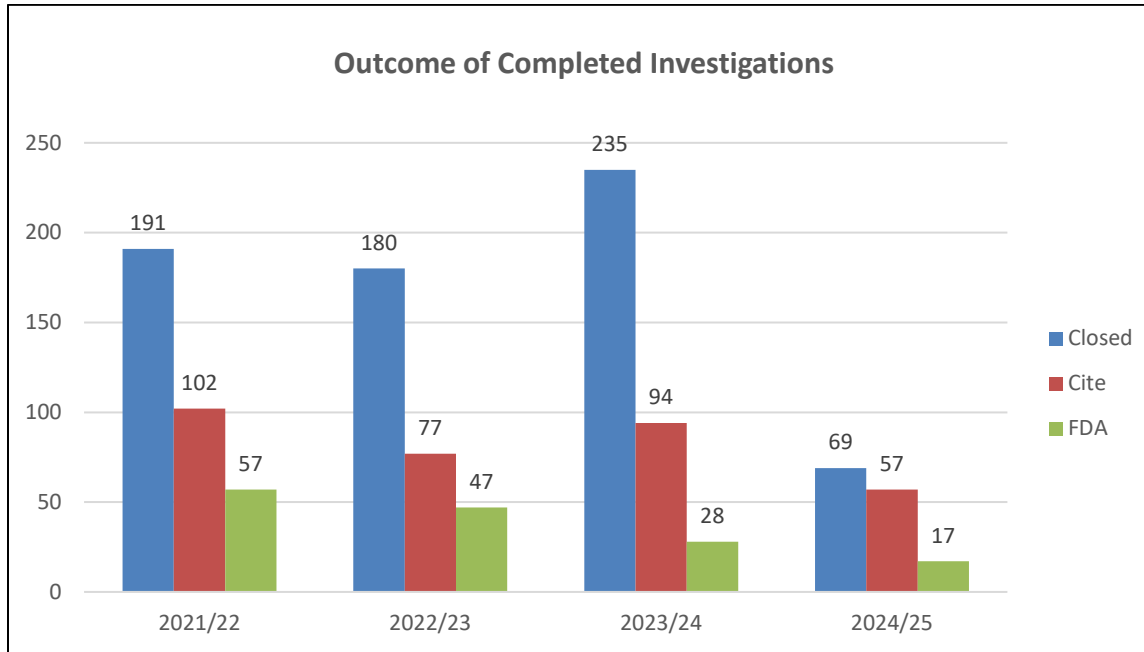
NOTE: FY24/25 statistics are through November 30, 2024

Complaint Investigation Phase

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



Complaint Investigation Phase



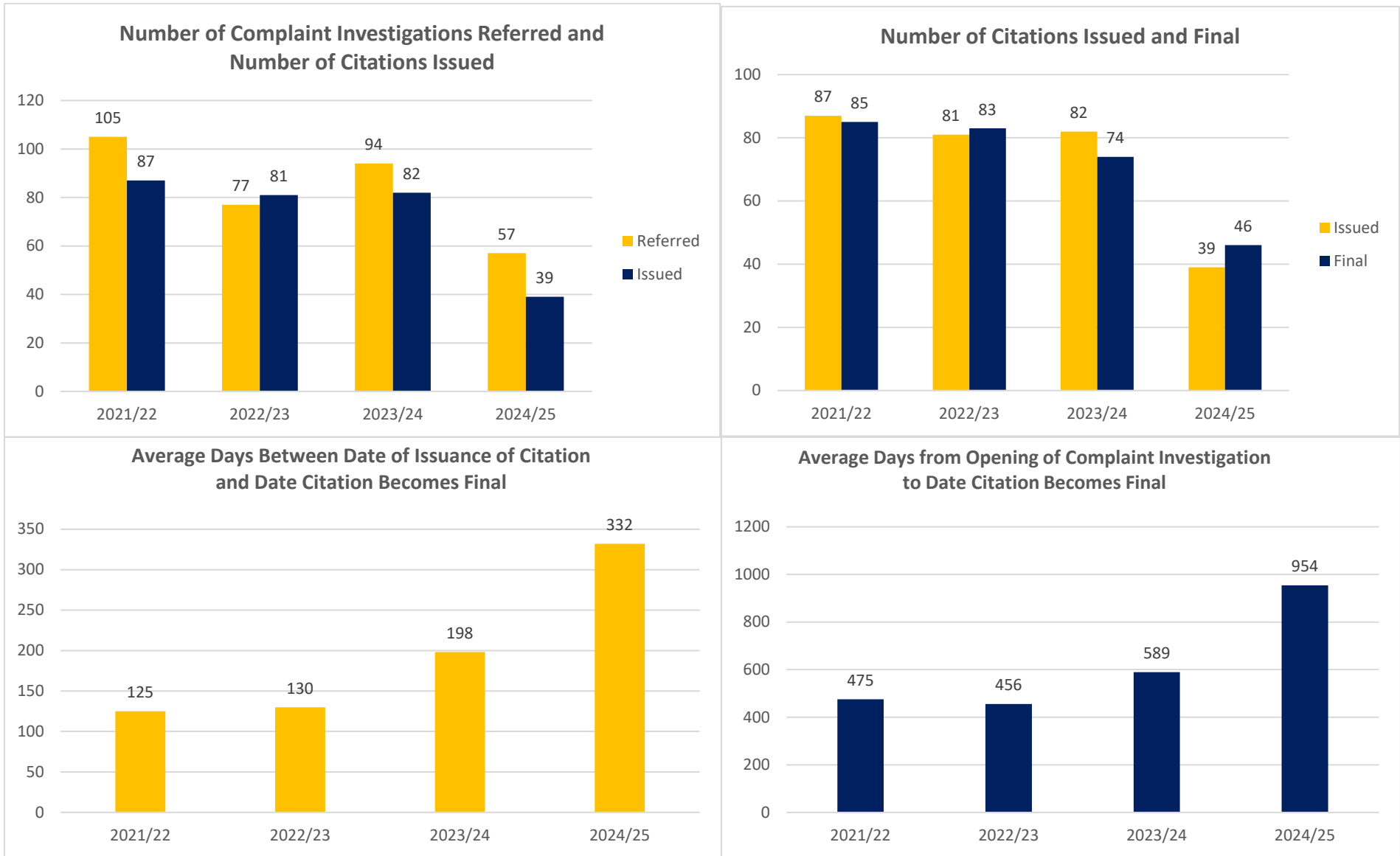
NOTE: FY24/25 statistics are through November 30, 2024

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

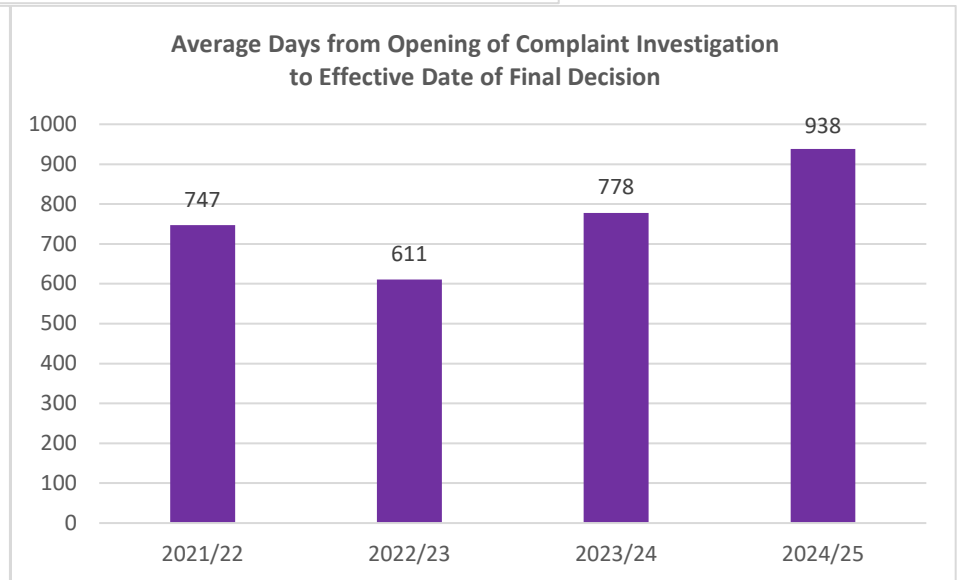
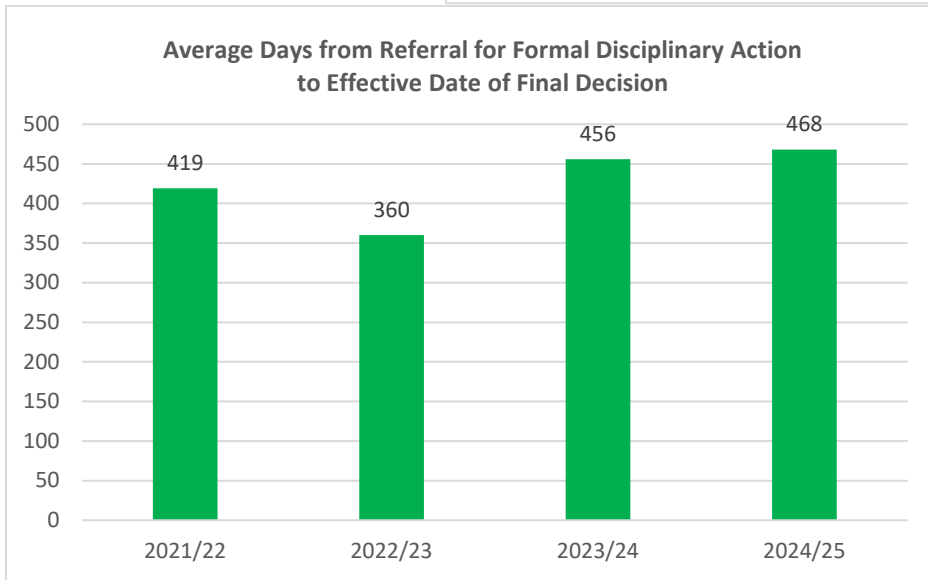
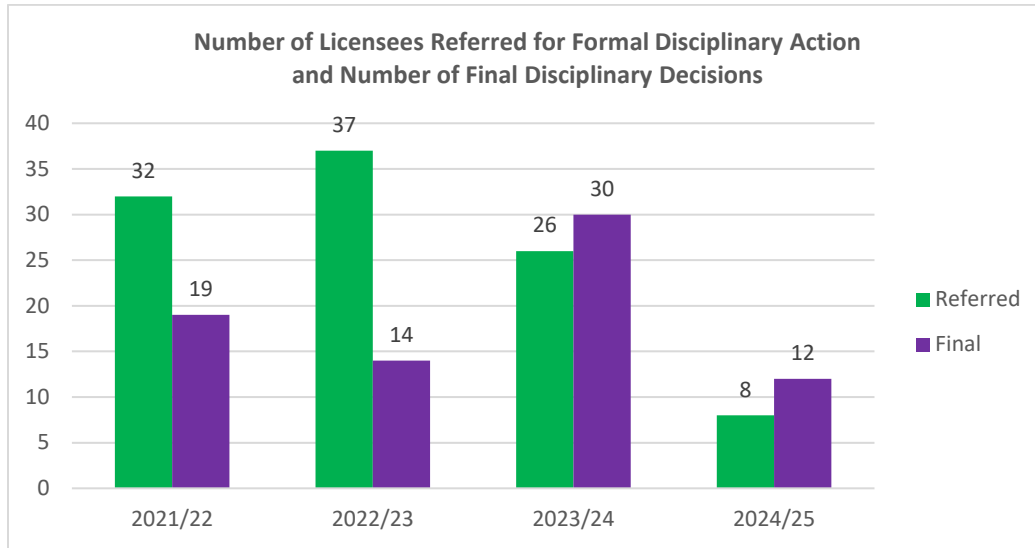
FDA = Referred for Formal Disciplinary Action

Citations (Informal Enforcement Actions)



NOTE: FY24/25 statistics are through November 30, 2024

Formal Disciplinary Actions Against Licensees



NOTE: FY24/25 statistics are through November 30, 2024

VIII. Exams/Licensing

- A. Examination/Licensing Updates
- B. Discussion on NCEES and State Examinations Related to Engineers Council U.K. Mutual Recognition Agreement (**Possible Action**)
- C. Adoption of Test Plan Specifications (**Possible Action**)
 - 1. Professional Geologist – Certified Engineering Geologist (CEG) Examination

Fundamentals of Engineering (FE) Exam

Section 6755(b) authorizes the Board to establish by rule for a waiver of the first division examination:

(b) The board may by rule provide for a waiver of the first division of the examination for applicants whose education and experience qualifications substantially exceed the requirements of subdivision (a) of Section 6751.

All applicants for a Professional Engineer license are required to pass the Fundamentals of Engineering (FE) exam (first division examination in Board's laws) unless the applicant requests an FE Waiver and is approved by satisfying one of the existing waiver conditions described in Board Rule 438(a).

The provisions in the executed UK MRA stipulate that Chartered Engineers from the UK who are certified as International PE status (IntPE) by the Engineering Council of UK are not required to pass the FE or PE exams offered by NCEES.

For the purposes of the UK MRA, it is assumed that most, if not all, applicants applying through this proposed pathway will satisfy one of the conditions of the FE Waiver. However, when the time comes for the Board to discuss the rulemaking language, staff will likely recommend additional language to be added to Board Rule 438(a) which provides clear language for waiver of the FE exam through this pathway.

Staff Recommendation: Under authority of section 6755(b), Board approve waiver of the NCEES Fundamentals of Engineering (FE) exam for applicants who will qualify under the UK MRA agreement. Board staff will bring forth recommended language for the Board to consider in a future rulemaking proposal.

Principles and Practice of Engineering (PE) Exam

Assembly Bill 3253 (Sunset bill) from 2024 made changes to the PE Act (effective January 1, 2025) to provide the Board with authority to determine what portion(s) of the second division examination(s) can be waived by rule:

6755.(c) The board may by rule provide for a waiver of any part of the second division of the examination for persons eminently qualified for licensure in this state by virtue of their standing in the engineering community, their years of experience, and those other qualifications as the board deems appropriate.

6755.1.(b) On and after April 1, 1988, the second division of the examination for registration as a civil engineer shall also include questions to test the applicant’s knowledge of seismic principles and engineering surveying principles as defined in Section 6731.1. No registration for a civil engineer shall be issued by the board on or after January 1, 1988, to any applicant unless ~~he or she has~~ they have successfully completed questions to test ~~his or her~~ their knowledge of seismic principles and engineering surveying principles.

The board shall administer the questions to test the applicant’s knowledge of seismic principles and engineering surveying principles as ~~a separate part~~ parts of the second division of the examination for registration as a civil engineer.

All applicants for a Professional Engineer license in California are currently required to pass the Principles and Practice of Engineering (PE) exam and/or any required state exams (collectively described as the second division examination in Board’s laws) which most closely aligns with the discipline or branch of engineering for which the applicant is seeking a license. A waiver of any or all of the second division examination(s) currently does not exist in the Board Rules.

Following is a table depicting which of the current NCEES PE exams are accepted by the California Board for each of its PE license types. Note that the table does not depict required exams for the Geotechnical Engineer nor the Structural Engineer license types because those two license types require the applicant to first be licensed as a Civil Engineer and it is presumed that the Board will continue to require applicants pass those respective state Geotechnical Engineer exam and the NCEES PE-Structural exam respectively regardless of the pathway used by the applicant to obtain the underlying California Civil Engineer license.

PE License Type	NCEES National Exam	California State Exam
Agricultural Engineer *	PE-Agricultural and Biological	Laws & Regs
Chemical *	PE-Chemical	Laws & Regs
Civil ±	PE-Civil	Engineering Surveying Seismic Principles Laws & Regs
Control Systems *	PE-Control Systems	Laws & Regs
Electrical ±	PE-Electrical and Computer	Laws & Regs
Fire Protection *	PE-Fire Protection	Laws & Regs
Industrial *	PE-Industrial and Systems	Laws & Regs
Mechanical ±	PE-Mechanical	Laws & Regs

Metallurgical *	PE-Metallurgical and Materials	Laws & Regs
Nuclear *	PE-Nuclear	Laws & Regs
Petroleum *	PE-Petroleum	Laws & Regs
Traffic *	N/A	Traffic Engineering Laws & Regs

* - Title Act license (Board only regulates use of the title)

± - Practice Act license (Board regulates the practice and use of the title)

Currently there are 39 Participating Authorities (Professional Engineering Institution – PEI) listed in the ratified MRA, each of which appears to be separated in a similar manner based on specialty of engineering. Since California is only one of a handful of states which issues PE licenses by discipline or branch of engineering which could likely lead to confusion as to which California license would align with the future applicant’s UK membership and individual expertise, staff asked the Engineering Council for a breakdown of currently listed IntPE’s as it relates to their respective PEI. Following is the information that ECUK provided in response to that query:

Out of a total of 360 IntPE they break down as follows:

PEI	Number of IntPE
IET	146
ICE	69
IMechE	65
CIBSE	15
IStructE	13
IChemE	11
The Rest	41

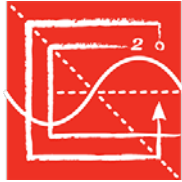
The Rest are all in single figures and there are none from CICES (Chartered Institute of Civil Engineering Surveyors). We expect that the numbers in the built environment (Civil, Structural, Building Services) may rise slightly faster than other areas, as more CEng in these areas seek to use the agreement. Mechanical will rise proportionately too. 80% of our registrants come from the ‘big 3’ (ICE, IMechE and IET), so these will always be the most common.

At this juncture in the process, the Board needs to consider which “second division” engineering exams will be allowed to be waived by future applicants who apply and qualify under the UK MRA pathway.

The provisions in the executed UK MRA stipulate that Chartered Engineers from the UK who are certified as International PE status (IntPE) by the Engineering Council of UK (ECUK) are not required to pass the FE or PE exams offered by NCEES.

Later, when after the Board decides which exams will be allowed to be waived, staff will recommend language to be added to Board Rules which provides clear language for waiver of the chosen PE (or second division) exams through this pathway.

Staff Recommendation: Under authority of section 6755(c), Board chooses which second division exam(s) can be waived by applicants who will qualify under the UK MRA agreement. Additionally, since the UK MRA recognizes that jurisdiction differences may affect the nature of engineering practice in certain US locales, staff recommends that the Board does not allow for waiver of the California Civil Seismic Principles state exam (civil engineer applicants) and the required California Laws and Regulations exam (all applicable license types) in this circumstance.



NCEES



MUTUAL RECOGNITION AGREEMENT

**BETWEEN THE NATIONAL COUNCIL OF
EXAMINERS FOR ENGINEERING AND
SURVEYING (USA) AND THE ENGINEERING
COUNCIL (UK)**

MUTUAL RECOGNITION AGREEMENT

Between

The National Council of Examiners for Engineering and Surveying (NCEES, USA) and the Engineering Council (UK) together “the parties”.

To facilitate mobility of engineering professionals through streamlined Professional Registration/Membership processes.

1. PARTIES

NCEES is a not-for-profit organization with a mission to advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public. NCEES members are the engineering and surveying licensure boards from all 50 U.S. states, the District of Columbia, Guam, Northern Mariana Islands, Puerto Rico and the U.S. Virgin Islands.

The Engineering Council was incorporated by Royal Charter in 1981 to regulate the engineering profession in the UK.

2. DEFINITIONS

Within this document, the following definitions apply:

- 2.1 “Mutual recognition” means the process of establishing the competence of an individual for independent practice in an engineering occupational role as a requirement of Professional Registration/Licensure.
- 2.2 “Home Jurisdiction” means the jurisdiction in which an engineer making application under this agreement already holds Professional Registration/Licensure.
- 2.3 “Host Jurisdiction” means the jurisdiction to which an engineer applies for Professional Registration/Licensure under the terms of this Agreement.
- 2.4 “Professional Registration/Licensure” means recognition by a Signatory or Participating Authority awarded on the basis of a demonstration of competence for independent practice through a professional review based on the competency framework UK-SPEC or a US Member Board PE License, in combination with the International Professional Engineer title (IntPE).
- 2.5 “Participating Authority” means a UK Professional Engineering Institution (PEI) licensed by the Engineering Council to award CEng that has ratified this agreement. A list of current Participating Authorities will be maintained by the Engineering Council and provided to NCEES This list is shown in Appendix 3.
- 2.6 “Participating Member Board” means a US Licensing Authority that has opted into this agreement. Participating states agree to accept an NCEES record from a UK Chartered Engineer that has been gained via this agreement. A current list of Participating Member Boards will be maintained by NCEES and be provided to The Engineering Council. This list is shown in Appendix 4.

2.7 Nothing in this agreement supersedes national or state legislation as applicable in the jurisdiction of the Participating Authority or Participating Member Board.

3. PURPOSE AND SCOPE

3.1 This Agreement provides for a streamlined process by which engineers with Professional Registration/Licensure in their home jurisdiction in this agreement can gain recognition in the host jurisdiction. The agreement is intended to provide

- a streamlined route to the UK Chartered Engineer title for US Professional Engineers with a state license and
- a streamlined route to a US Member Board Professional Engineer license for UK Chartered Engineers.

3.2 This Agreement is intended to streamline the admission pathway in the host jurisdiction for engineers holding a Professional Registration/Registered Professional Title/License in the home jurisdiction. This Agreement aims to:

- minimise duplication of assessment processes
- recognise jurisdictional differences and organizational autonomy
- maintain confidence in the quality of Professional Registration/Licensure decisions in both jurisdictions
- avoid restrictions on the cross-border provision of a service.

3.3 This Agreement covers engineers who have been admitted to any of the following Professional Registrations:

3.3.1 Professional Engineer

- Chartered Engineer (CEng), who also holds the title International Professional Engineer (IntPE), awarded by the Engineering Council, UK
- Professional Engineer (PE), licensed in a participating US Member Board, who also holds the title International Professional Engineer (IntPE), awarded by NCEES. This is also known as an NCEES International Registered Professional Engineer (IRPE)
- The requirements for attaining IntPE/IRPE in each jurisdiction are set in Appendix 1

3.4 Nothing in this Agreement shall apply to individual practice or malpractice disputes.

3.5 Engineers who have gained Professional Registration/Licensure in the home jurisdiction through another mutual recognition pathway, containing exemptions from the usual assessment process, are not eligible for the pathways set out in this agreement.

4. MUTUAL RECOGNITION PROVISIONS

4.1 The parties agree to apply processes and criteria consistent with the mutual recognition pathways set out in Appendix 2 when considering applications for Professional Registration/Licensure from engineers who hold /Professional Registration/Licensure in the home jurisdiction.

4.2 The Parties respect jurisdictional autonomy and recognise that there may be additional criteria imposed relevant to:

4.2.1 local jurisdictional practices, or the legislative or regulatory framework.

4.2.2 discipline-specific requirements of a Participating Authority or Participating Member Board.

5. DISCIPLINE AND ENFORCEMENT

5.1 Both Parties and all Participating Authorities and Participating Member Boards will cooperate to the extent possible on disciplinary and enforcement issues.

5.2 An application for Professional Registration/Licensure made under this Agreement must include a question requiring the applicant to disclose any sanctions related to the practice of engineering in other jurisdictions. Information regarding sanctions may be considered in the assessment process.

5.3 An application for Professional Registration/Licensure can only be made under this Agreement if the applicant provides written permission for parties to distribute and exchange assessment information and any information regarding sanctions between all involved jurisdictions.

5.4 Failure to fully disclose or provide any of the required information may be the basis for denial of the application, or for sanctions, including revocation of the Professional Registration/Licensure.

5.5 Each jurisdiction will take appropriate action in accordance with their rules and regulations if an engineer violates the standards of that jurisdiction. Each jurisdiction shall promptly report sanctions to the other jurisdiction in which it knows the engineer is recognised via an appropriate alert mechanism.

5.6 A jurisdiction will take appropriate action, subject to its own rules and regulations and the principle of natural justice, related to a sanction that is reported to them by another jurisdiction.

6. IMMIGRATION AND VISA ISSUES

6.1 Professional Registration/Certification granted under this Agreement in a Host Jurisdiction does not preclude the need to conform to applicable immigration and visa requirements of the Host Jurisdiction.

7. INFORMATION EXCHANGE

7.1 The Parties will notify each other and provide copies of any major changes in policy, criteria, procedures and programmes that might affect this Agreement.

7.2 The Parties will provide an annual report to each other on all applicants who have applied pursuant to the terms of this Agreement.

7.3 The Parties will from time-to-time undertake mutual observation of processes and procedures. This shall be done routinely as part of the renewal of the agreement.

8. DISPUTE RESOLUTION

- 8.1 The Parties to this Agreement will at all times endeavour to agree on the interpretation and application of this Agreement and will make every attempt through co-operation and consultation to arrive at a mutually satisfactory resolution of any matter that might affect its operation. If a dispute arises that cannot be resolved through informal discussions within sixty (60) days of when the dispute arises, the Parties will attempt to resolve the dispute through non-binding mediation and/or another form of alternative dispute resolution as may be agreed upon by the Parties, prior to any Party resorting to litigation.
- 8.2 The Parties may request in writing consultation with the other Party regarding any actual or proposed measure or any other matter that it considers might affect the operation or interpretation of this Agreement.

9. TERM OF AGREEMENT

- 9.1 This Agreement will come into effect when signed by the Parties.
- 9.2 This Agreement supersedes all other such mutual recognition agreements between NCEES, the Engineering Council and the Participating Authorities.
- 9.3 The Parties will review and update the Agreement and recommend changes where appropriate at least every five (5) years. This Agreement may be amended, however, only with the written consent of both Parties.

10. TERMINATION

- 10.1 A Party or any Participating Authority may withdraw from this Agreement six (6) months after it provides written notice of withdrawal to the other Party. If a Participating Authority withdraws, the Agreement will remain in force for the remaining Participating Authorities.
- 10.2 If at any time all Participating Authorities have withdrawn from the Agreement, the Agreement will automatically terminate.
- 10.3 Any registrant approved or in the process of being assessed at the time of the Agreement being terminated will be treated as if this Agreement is still in existence.

NCEES

Engineering Council

Date Executed:

APPENDIX 1

The requirements for attaining IntPE/IRPE in each jurisdiction.

Requirement	NCEES International Registered Professional Engineer (IntPE)	Engineering Council CEng IntPE
Registration /Licensure	Be a citizen or permanent resident currently licensed as a professional engineer in a U.S. state or territory	Be currently registered as a Chartered Engineer and member of a UK PEI
Discipline	Hold a record clean of disciplinary action	Be currently in good standing with your PEI and have no disciplinary action outstanding
Underpinning Knowledge and Understanding	Have a degree from an EAC ABET-accredited engineering program, or an accredited degree recognised under the Washington Accord.	An accredited degree recognised under the Washington Accord, or equivalent academic qualification
Experience	Have at least seven years of qualifying experience, including two years in responsible charge of significant engineering work	Have at least seven years of qualifying experience, including two years in responsible charge of significant engineering work
Assessment	Have passing scores on the NCEES FE and PE examinations	<ol style="list-style-type: none"> 1) Have demonstrated underpinning engineering knowledge and understanding to UK/European Masters level in their discipline 2) Have demonstrated that they meet the UK standard of competence and commitment set out in UK-SPEC through: <ol style="list-style-type: none"> a) Professional Review part 1: assessment of discipline-specific documentary evidence b) Professional Review part 2: in-depth interview by two trained assessors, including applicant presentation 3) Approval from registration committee
Competence	NCEES Model Rules and IPEA professional competences	UK-SPEC Chartered Engineer Competences and IPEA professional competences
Continuing Professional Development	Have met the applicable continuing professional competency (CPC) requirements of the jurisdiction(s) where you are licensed. If the jurisdiction does not have a CPC requirement, the applicant must comply with the NCEES CPC Standard	Carry out and record the Continuing Professional Development (CPD) necessary to maintain and enhance competence in their own area of practice
Discipline-specific and jurisdictional requirements (e.g., local laws, ethics exam)	Handled at Member Board level	Handled by PEI

APPENDIX 2

MUTUAL RECOGNITION PATHWAYS

The Professional Registration/Licensure processes of the Parties are as follows:

a) NCEES requirements to obtain an NCEES Record as the Host Jurisdiction

An NCEES Record is a verified compilation of information an applicant is required to submit to a state licensing board as part of the licensure application process. Each completed Record is a verified compilation of an applicant's official academic transcripts, full employment history, professional references, and exam results.

The NCEES Record is designed to meet the licensure requirements of most states. Since licensure requirements vary from state to state, there may be times when a Record holder must submit additional information to a state licensing board to satisfy its licensure requirements. This may include information about their education, references, existing licenses, or experience information.

Standard application requirements	Required under the Agreement Y/N	Notes
Submission of an application form	Yes	Create online NCEES record
References	Yes, but can be UK registrants.	Five references who can reflect the character and diversity of your experience and are personally acquainted with your professional reputation. For engineering applicants, references must be engineers who are licensed in the United States.
Education information	Yes	Details for each college, university, and technical school attended, including transcripts. NCEES accepts the UK PEI assessment of the academic base as meeting NCEES/IntPE requirements.
Professional Experience	Yes	Chronological listing of work experience beginning with graduation from a university
Competence assessment	No	Already meets IntPE requirements
FE and PE exam verification	No	Exempt under the agreement
CPD review	In line with Member Board requirements	IntPE CPD requirements already met
Local knowledge and/or discipline specific practice assessment (e.g., local laws and ethics exam)	In line with Member Board requirements	
Approval by NCEES Member Board	Yes	

b) Engineering Council requirements for registration as a Chartered Engineer (CEng) as the Host Jurisdiction

The Engineering Council was incorporated by Royal Charter in 1981 to regulate the engineering profession in the UK. The standards of professional competence and commitment are set out in the UK Standard for Professional Engineering Competence (UK-SPEC). This standard requires registrants to make a commitment to recording their CPD activities. Participating Authorities undertake random samples of professionally active registrants' CPD records on an annual basis.

Standard application requirements	Required under the Agreement (Y/N)	Notes
Submission of an application form	Yes	In English
Academic assessment	No	Applicants are required to provide copies of academic qualifications
Holistic competence assessment	No	
Local knowledge and/or discipline specific practice assessment	Yes	Any assessment is normally to be restricted to situations where UK-specific knowledge or discipline-specific requirements are applied as standard to home candidates
Professional Review Interview	No	Any assessment of Local Knowledge or current competence may involve an interactive interview
CPD review	In line with UK Participating Authority requirements	Registrants are required to ensure their CPD records are up to date. UK Participating authorities undertake annual random samples of professionally active registrants' CPD records and provide feedback.
Registration (Professional Registration/Membership) Committee Approval	Yes	

Assessment Process

On receipt of an application through this agreement, the Host Jurisdiction/Participating Authority will contact the Home Jurisdiction/Participating Authority to request confirmation of Professional Registration/Certification status, and registration/licensure date and date of being admitted to the international register (IntPE).

Interactive assessments or professional review interviews will only be used if their purpose is to assess local knowledge and/or discipline specific practice.

Written assignments or formal examinations may also be valid mechanisms for assessing local knowledge or discipline specific practice if they are used for the same purpose for assessing local engineers in the host jurisdiction.

Appendix 3

List of UK Participating Authorities (subject to ratification)

1. BCS, The Chartered Institute for IT
2. British Institute of Non-Destructive Testing (BINDT)
3. Chartered Association of Building Engineers (CABE)
4. Chartered Institution of Building Services Engineers (CIBSE)
5. Chartered Institution of Civil Engineering Surveyors (CICES)
6. Chartered Institution of Highways & Transportation (CIHT)
7. Chartered Institute of Plumbing and Heating Engineering (CIPHE)
8. Chartered Institution of Water and Environmental Management (CIWEM)
9. Energy Institute (EI)
10. Institution of Agricultural Engineers (IAgrE)
11. Institution of Civil Engineers (ICE)
12. Institution of Chemical Engineers (IChemE)
13. Institution of Engineering Designers (IED)
14. Institution of Engineering and Technology (IET)
15. Institute of Explosives Engineers (IExpE)
16. Institution of Fire Engineers (IFE)
17. Institution of Gas Engineers and Managers (IGEM)
18. Institute of Highway Engineers (IHE)
19. Institute of Healthcare Engineering and Estate Management (IHEEM)
20. Institution of Lighting Professionals (ILP)
21. Institute of Marine Engineering, Science & Technology (IMarEST)
22. Institution of Mechanical Engineers (IMechE)
23. Institute of Measurement and Control (InstMC)
24. Institution of Royal Engineers (InstRE)
25. Institute of Acoustics (IOA)
26. Institute of Materials, Minerals and Mining (IOM3)
27. Institute of Physics (IOP)
28. Institute of Physics and Engineering in Medicine (IPEM)
29. Institution of Railway Signal Engineers (IRSE)
30. Institution of Structural Engineers (IStructE)
31. Institute of Water
32. INCOSE UK, the UK Chapter of the International Council on Systems Engineering (INCOSE)
33. Permanent Way Institution (PWI)
34. Nuclear Institute (NI)
35. Royal Aeronautical Society (RAeS)
36. Royal Institution of Naval Architects (RINA)
37. Safety and Reliability Society (SaRS)
38. The Society of Operations Engineers (SOE)
39. The Welding Institute

Links are found here: <https://www.engc.org.uk/peis>

Appendix 4

List of Participating US Member Boards

California-Specific Professional Land Surveyor Examination Test Plan

Effective January 2025

General Definition of California Professional Land Surveying Practices:

The practice of land surveying in the State of California consists of determining, establishing, reporting, and mapping the positions, contours and/or geospatial configuration of points, physical features, property interests, boundary and/or property lines by applying the principles of surveying, mathematics, measurement and law to meet the distinctive requirements of the State of California to protect the health, safety and welfare of the public.

This area of practice is structured into six primary content areas:

- I. Business Practices and Project Management (10%)
- II. Research, Project Planning and Preparation (16%)
- III. Field Operations and Investigations (20%)
- IV. Analysis and Evaluation (26%)
- V. Mapping and Preparation (12%)
- VI. Professional Consulting (16%)

California-Specific Professional Land Surveyor Examination Test Plan

Effective January 2025

General Definition of California Professional Land Surveying Practices:

The practice of land surveying in the State of California consists of determining, establishing, reporting and mapping the positions, contours and/or geospatial configuration of points, physical features, property interests, boundary and/or property lines by applying the principles of surveying, mathematics, measurement and law to meet the distinctive requirements of the State of California to protect the health, safety and welfare of the public.

This area of practice is structured into six primary content areas:

- I. Business Practices and Project Management (10%)
- II. Research, Project Planning and Preparation (16%)
- III. Field Operations and Investigations (20%)
- IV. Analysis and Evaluation (26%)
- V. Mapping and Document Preparation (16%)
- VI. Professional Consulting (12%)

Certified Engineering Geologist Examination Test Plan

Effective January 2025

General Definition of Engineering Geology:

"Engineering Geology" means the application of geologic data, principles and interpretation so that geologic factors and processes affecting planning, design, construction, maintenance, and vulnerability of civil engineering works are properly recognized and utilized. (Title 16, CCR 3003)

This area of practice is structured into four primary content areas:

- I. Project Planning (18%)
- II. Data Collection (28%)
- III. Interpretation and Reporting (40%)
- IV. Construction (14%)

Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG) Certified Engineering Geologist (CEG) Test Plan - 2025	
	Percentage of Questions on the Exam
<p>I. Project Planning</p> <p>Professional Activities:</p> <ol style="list-style-type: none"> 1. Review regional and site-specific geologic conditions that could impact a project based on available geologic and remote sensing data (e.g., aerial imagery, lidar, InSAR) 2. Review provided project documents to identify potential impacts from geologic hazards 3. Review on- and off-site conditions and historical usage to identify the potential presence of on-site concerns (e.g., environmental, ecological, cultural, community history, geotechnical, health and safety) 4. Prepare preliminary geologic models of existing and proposed conditions 5. Define scope of engineering geologic investigations based on preliminary review of available data and coordination with other project professionals 6. Perform site reconnaissance to assess topography, access, and potential hazards 7. Identify applicable regulations for field exploration, monitoring, testing, and reporting 	18%
Test questions on these professional activities may include one or more of the following:	
A. Applicable guidelines, laws, and regulations for siting, design, construction, and monitoring of landfills and disposal sites	
B. Applicable guidelines, laws, and regulations for investigating sites for schools, hospitals, and essential services buildings	
C. Safety hazards and applicable regulations associated with explorations, excavations, trenches, rockfalls, earthwork, and underground construction	
D. Applicable laws and regulations for permitting, construction, and field exploration	
E. California Building Code related to soils, foundations, structures, and grading with regards to engineering geology	
F. Applicable requirements for seismic hazards investigations and reports	
G. Effects of historical land uses on current site conditions	
H. Sources of published and unpublished remote sensing data (e.g., aerial imagery, lidar, InSAR), historical maps, and geologic and geotechnical information	
I. Interpretation of preliminary grading plans and specifications	
J. Construction methods and processes affected by and affecting geologic conditions	
K. Potential hazards from mining operations	
L. Field techniques to collect geologic, geophysical, and geotechnical data	
M. Advantages and disadvantages of sampling and testing methods to measure engineering properties of earth materials	
N. Recognition of field evidence of land modifications and past use	
O. Engineering geologic investigations for surface water impoundments, conveyances, and control structures	
P. Capabilities and limitations of subsurface exploration equipment and methods	
Q. Methods to graphically represent engineering geologic conditions	
R. Site conditions regarding topography, access, and geologic hazards	

II. Data Collection

28%

Professional Activities:

1. Collect remote sensing data (e.g., aerial imagery, lidar, InSAR), maps, plans, and sections from published sources, references, field sources, and public networks
2. Map geomorphology, lithology, stratigraphy, geologic structures, and hydrogeologic features
3. Log geologic conditions and engineering properties of earth materials
4. Characterize hydrogeologic conditions
5. Collect representative samples of various geologic media (e.g., soil, rock, groundwater, vapor) for physical and laboratory testing
6. Measure geophysical properties of earth materials
7. Select laboratory tests for measuring physical, engineering, and chemical properties of earth materials
8. Determine geologic input parameters for seismic hazard analyses

Test questions on these professional activities may include one or more of the following:

A. Methods to characterize adverse soil and rock conditions

B. Field techniques and equipment used to collect engineering geologic, geophysical, and geotechnical data

C. Remote sensing data (e.g., aerial imagery, lidar, InSAR)

D. Geologic and geomorphic conditions depicted on topographic and geologic maps

E. Methods to measure, map, and describe stratigraphy and geologic structures

F. Techniques to log exploratory trenches, excavations, and borings

G. Methods to characterize engineering geologic properties of earth materials

H. Standardized engineering soil and rock classification systems

I. Soil pedogenesis for interpretation of subsurface conditions

J. Methods to determine the occurrence and distribution of groundwater

K. Rock core logging and sampling techniques

L. Borehole instrumentation for geologic and hydrogeologic information

M. Geophysical data, methods, and techniques

N. Siting, logging, and sampling paleoseismic trenches

O. Field and laboratory tests to evaluate hydrogeologic properties of earth materials

P. Laboratory tests to evaluate physical and chemical properties of earth materials

Q. Tests to assess performance and durability of rock and aggregate materials

R. Geologic input parameters for seismic hazard analyses

III. Interpretation and Reporting

40%

Professional Activities:

1. Prepare and interpret geologic models (e.g., cross-sections, structure contours, isopach) from available data
2. Analyze the results of laboratory testing
3. Assess effects of erosional processes
4. Assess static and dynamic slope stability
5. Assess potential ground movement related to construction and natural processes
6. Analyze remote sensing data (e.g., aerial imagery, lidar, InSAR) to identify geologic conditions
7. Analyze hydrogeologic data
8. Identify earth materials (e.g., asbestos, chert, radon, clay, pyrite) that may be detrimental to projects and/or human health
9. Identify potential flood and debris flow hazards
10. Identify potential volcanic hazards
11. Identify hazards associated with coastal processes
12. Assess seismic hazards
13. Assess surface fault rupture hazards
14. Perform seismic ground motion analyses
15. Identify earthwork considerations (e.g., rippability, volume change, dewatering, drainage)
16. Analyze geotechnical instrumentation data
17. Recommend supplemental investigation

Test questions on these professional activities may include one or more of the following:

A. Geometric relationship between slope orientation and apparent dip of geologic structures	
B. Interpretation of geologic conditions on cross-sections	
C. Geometry, distribution, and strength characteristics of rock mass discontinuities	
D. Geomorphology pertaining to geologic hazards	
E. Geophysical methods, capabilities, and interpretation	
F. Rock and soil mechanics	
G. Effects of corrosive earth materials on engineered structures	
H. Physical and chemical weathering processes of rock and soil	
I. Evaluation and methods of mitigation of erosional and depositional processes	
J. Applicability of various slope stability analytical methods	
K. Methods of mitigation of slope instability	
L. Stereonet uses	
M. Evaluation and mitigation of rockfall hazards	
N. Landslide types and characteristics	
O. Seismically-induced landslide displacement	
P. Identification of potential static and dynamic settlement	
Q. Identification of potential land subsidence or rebound	
R. Geographic Information Systems (GIS) for engineering geologic purposes	
S. Remote sensing data (e.g., aerial imagery, lidar, InSAR) interpretation	
T. Applicable guidelines, laws, and regulations for engineering geologic reports for school, hospital, and essential services building sites	

III. Interpretation and Reporting (continued)

U. Applicable guidelines for engineering geologic reports for surface water impoundments, conveyances, control structures, and general construction	
V. Evaluation and methods of mitigation of expansive soils and rock	
W. Engineering properties of earth materials used in construction	
X. Identification and significance of earth materials that may be detrimental to human health	
Y. Potential for mineral alteration or chemical properties of earth materials to adversely affect engineered projects	
Z. Evaluation of bank and bluff instability and erosion along rivers and coastlines	
AA. Deterministic and probabilistic seismic hazard analyses	
BB. Identification and analysis of potentially liquefiable soils	
CC. Methods for determining the age of geologic materials	
DD. Geomorphic and field evidence of fault rupture	
EE. Field evidence of seismic shaking	
FF. Methods to assess regional seismicity	
GG. Seismic hazards and related zones	
HH. Methods for determining the age of geomorphic features	
II. The effects of soil and rock properties on excavation methods	
JJ. Potential adverse effects of construction to off-site properties	
KK. Geologic factors that affect fill compaction and performance	
LL. Dewatering methods and potential effects	
MM. Hydrogeologic properties of earth materials	
NN. Construction and interpretation of geologic structure and groundwater contour maps	
OO. Knowledge of applicable guidelines, laws, and regulations for siting, designing, and monitoring landfills and disposal sites	
PP. Site suitability for on-site storm water and waste water disposal	
QQ. Engineering geologic aspects of foundation and retaining structure design and construction	

IV. Construction

14%

Professional Activities:

1. Review grading, foundation, and other development plans for conformance with geologic and geotechnical recommendations
2. Observe and document conditions during construction for comparison with the geologic/geotechnical report
3. Identify and report unanticipated geological conditions and recommend slope stability mitigation methods
4. Determine the need for monitoring instrumentation

Test questions on these professional activities may include one or more of the following:

A. Methods to analyze temporary slope stability

B. Recognition and methods of mitigation of landslides encountered during construction

C. Geologic site conditions that relate to applicable regulations safeguarding personnel engaged in excavations, trenches, and earthwork

D. Cut and fill slope construction

E. Earthwork construction practices and equipment

F. Knowledge of methods for ground improvement (e.g., use of geosynthetics, grouting, dynamic compaction, soil cement)

G. Geologic aspects of foundation and retaining structure construction

H. Methods for control groundwater (e.g., dewatering, wells, drains, hydraulic barrier)

I. Applicable regulations pertaining to grading requirements

J. Knowledge of techniques to mitigate bank and bluff instability and erosion along rivers, lakeshores, and coastlines

K. Methods to analyze and mitigate rockfall hazards

L. Methods to mitigate unstable slopes

M. Methods to mitigate liquefaction and lateral spreading

N. Application of monitoring instrumentation (e.g., vibration monitors, strain monitors, settlement monitors, piezometers) and data evaluation

O. Methods to mitigate unforeseen adverse soil and rock conditions

P. Geologic factors that affect various foundation types

Q. Methods and materials to mitigate erosion

R. Knowledge of methods to mitigate construction-related ground movement (e.g., differential settlement, subsidence, rebound)

S. Methods and interpretation of field density tests

**Board for Professional Engineers, Land Surveyors & Geologists (BPELSG)
Certified Engineering Geologist (CEG) Test Plan (2019 to 2024 Updates)
(Additions in GREEN & Deletions in RED)**

I. Project Planning

15 18%

Professional Activities:

- A. Review regional and site-specific geologic conditions that could impact a project based on available ~~published and unpublished~~ geologic and remote sensing data (e.g., aerial imagery, lidar, InSAR)
- B. Review provided project documents to identify potential impacts from geologic hazards
- C. Review on- and off-site conditions, ~~history~~, and historical usage to identify the potential presence of on-site concerns (e.g., environmental, ecological, cultural, community history, geotechnical, health and safety)
- D. Prepare preliminary geologic models of existing and proposed conditions
- E. Define scope of engineering geologic investigations based on preliminary review of available data and coordination with other project professionals
- F. Perform site reconnaissance to assess topography, access, and potential hazards
- G. Identify ~~California regulatory requirements~~ applicable regulations for field exploration, monitoring, testing and reporting

Test questions on these professional activities may include one or more of the following:

~~California regulations pertaining to exploration and sampling of contaminated soil and groundwater~~

- 1. ~~California~~ Applicable guidelines, laws, and regulations for siting, design, construction, and monitoring of landfills and disposal sites
- 2. ~~California~~ Applicable guidelines, laws, and regulations for investigating sites for schools, hospitals, and essential services buildings
- 3. Safety hazards and ~~California~~ applicable regulations associated with explorations, excavations, trenches, rockfalls, earthwork, and underground construction
- 4. ~~California~~ Applicable laws and regulations for permitting, construction, and field exploration
- 5. California Building Code related to soils, foundations, structures, and grading with regards to engineering geology
- 6. ~~California~~ Applicable requirements for seismic hazards investigations and reports
- 7. Effects of historical land uses on current site conditions
- 8. Sources of published and unpublished remote sensing (e.g., aerial imagery, lidar, InSAR) data, historical maps, and geologic and geotechnical information
- 9. Interpretation of preliminary grading plans and specifications
- 10. Construction methods and sequencing processes affected by and affecting geologic conditions
- 11. ~~Chemical Potential~~ hazards from ~~industrial, commercial, and~~ mining operations
~~Geometric relationship between boreholes, slopes and apparent dips of geologic structures~~
- 12. Field ~~measurement~~ techniques to collect geologic, geophysical, and geotechnical data
- 13. Advantages and disadvantages of sampling and testing methods to measure engineering properties of earth materials
- 14. Recognition of field evidence of land modifications and past use
- 15. Engineering geologic investigations for surface water impoundments, conveyance, and control structures
- 16. Capabilities and limitations of subsurface exploration equipment and methods
- 17. Methods to graphically represent engineering geologic conditions
- 18. Site conditions regarding topography, access, and geologic hazards
~~Planning for environmental geologic investigations~~

II. Data Collection

Professional Activities:

- A. Collect remote sensing (e.g., aerial imagery, lidar, InSAR) data, maps, plans, and sections from published sources, references, field sources, and public networks
- B. Map geomorphology, lithology, stratigraphy, geologic structures, ~~geologic~~ and hydrogeologic features
~~Log subsurface explorations (e.g., trenches, borings)~~
- C. Log ~~stratigraphy~~, geologic conditions and engineering properties of earth materials
- D. Characterize hydrogeologic conditions
- E. Collect representative samples of various geologic media (e.g., soil, rock, groundwater, vapor) for physical and laboratory testing
- F. Measure geophysical properties of earth materials
- G. Select laboratory tests for measuring physical, engineering, and chemical properties of earth materials
- H. ~~Identify site specific~~ Determine geologic input parameters for seismic ~~ground motion~~ hazard analyses

Test questions on these professional activities may include one or more of the following:

1. Methods to characterize adverse soil and rock conditions ~~(e.g., compressible, expansive, collapsible, heave, organic)~~
2. Field techniques and equipment used to collect engineering geologic, geophysical, and geotechnical data
3. Remote sensing applications data (e.g., aerial imagery, lidar, InSAR)
4. Geologic and geomorphic conditions depicted on topographic and geologic maps
5. Methods to measure, map, and describe stratigraphy and geologic structures
6. Techniques to log exploratory trenches, excavations, and borings
7. Methods to characterize engineering geologic properties of earth materials
8. Standardized engineering soil and rock classification systems
9. Soil pedogenesis for interpretation of subsurface conditions
10. Methods to determine the occurrence, and distribution, ~~and quality~~ of groundwater
11. Rock core logging and sampling techniques
12. Borehole instrumentation for geologic and hydrogeologic information
13. Geophysical data, methods, and techniques
14. Siting, logging, and sampling paleoseismic trenches
15. Field and laboratory tests to evaluate hydrogeologic properties of earth materials
16. Laboratory tests to evaluate physical and chemical properties of earth materials
17. Tests to assess performance and durability of rock and aggregate materials
18. Geologic input parameters for seismic hazard analyses

III. Interpretation and Reporting

40%

Professional Activities:

- A. Prepare and interpret geologic models (e.g., cross-sections, structure contours, isopach) from available data
- B. Analyze the results of laboratory testing
- C. Assess effects of erosional processes
- D. Assess static and dynamic slope stability
- E. Assess potential ground movement related to construction and natural processes
- F. Analyze remote sensing data (e.g., aerial imagery, lidar, InSAR) to identify geologic conditions
- G. Analyze hydrogeologic data
- H. Identify earth materials (e.g., asbestos, chert, radon, clay, pyrite) that may be detrimental to projects and/or human health
- I. Identify potential flood and debris flow hazards
- J. Identify potential volcanic hazards
- K. Identify hazards associated with coastal processes
- L. ~~Perform~~ Assess seismic ~~ground motion analyses~~ hazards
- M. Assess ~~fault~~ surface fault rupture hazards
- N. ~~Assess~~ Perform seismic ~~hazards~~ ground motion analyses
- O. Identify earthwork ~~concepts and~~ considerations (e.g., rippability, volume change, dewatering, drainage)
- P. ~~Recommend installation of~~ Analyze geotechnical instrumentation ~~and analysis of associated~~ data
- Q. Recommend supplemental investigation

Test questions on these professional activities may include one or more of the following:

1. Geometric relationship between slope orientation and apparent dip of geologic structures
2. Interpretation of geologic conditions on cross-sections
3. Geometry, distribution, and strength characteristics of rock mass discontinuities
4. Geomorphology pertaining to geologic hazards
5. Geophysical methods, capabilities, and interpretation

~~Standardized engineering soil and rock classification systems~~

6. ~~Application of rock~~ Rock and soil mechanics
7. Effects of corrosive earth materials on engineered structures
8. Physical and chemical weathering processes of rock and soil
9. Evaluation and methods of mitigation of erosional and depositional processes
10. Applicability of various slope stability analytical methods
11. ~~Evaluation and~~ Methods of mitigation of slope instability
12. Stereonet uses
13. Evaluation and mitigation of rockfall hazards
14. Landslide types and characteristics
15. Seismically-induced landslide displacement ~~analysis~~
16. Identification of potential static and dynamic settlement
17. Identification of potential land subsidence or rebound
18. Geographic Information Systems (GIS) for engineering geologic purposes
19. Remote sensing (e.g., aerial imagery, lidar, InSAR) data interpretation
20. ~~California~~ Applicable guidelines, laws, and regulations for engineering ~~geology~~ geologic reports for school, hospital, and essential services building sites
21. ~~California~~ Applicable guidelines for engineering ~~geology~~ geologic reports for surface water impoundments, conveyances, and control structures

22. Evaluation and methods of mitigation of expansive soils and rock
23. Application and analysis of flood hazard maps
24. Engineering properties of earth materials used in construction
25. Identification and significance of earth materials that may be detrimental to human health
26. Potential for mineral alteration or chemical properties of earth materials to adversely affect engineered projects
27. Evaluation and methods of mitigation of bank and bluff instability and erosion along rivers and coastlines
28. Deterministic and probabilistic seismic hazard analyses
- ~~Earthquake ground motion analyses~~
29. Identification and analysis of potentially liquefiable soils
30. Methods ~~of relative~~for determining the age ~~dating~~ of geologic materials
31. Geomorphic and field evidence of fault rupture
32. Field evidence of seismic shaking
33. Methods to assess regional seismicity
34. Seismic hazards and related zones
35. Methods for determining ~~relative~~the age of geomorphic features
- ~~Grading and excavation techniques and equipment capabilities and limitations~~
36. The effects of soil and rock properties on excavation methods
37. Potential adverse effects of construction to off-site properties
38. Geologic factors that affect fill compaction and performance
39. Dewatering methods and potential effects
40. Hydrogeologic properties of earth materials
41. Construction and interpretation of geologic structure and groundwater contour maps
- ~~42. California guidelines for~~ Siting and designing, constructing, and monitoring landfills and disposal sites
43. Site suitability for on-site storm water and waste water disposal
44. Engineering geologic aspects of foundation and retaining structure design and construction

IV. Construction

~~20~~ 14%

Professional Activities:

- A. Review grading, foundation, and other development plans for conformance with geologic and geotechnical recommendations
- B. Observe and document conditions during construction for ~~consistency~~comparison with the geologic/geotechnical report
- C. Identify and report unanticipated field conditions and recommend ~~mitigations~~mitigation methods
- D. Determine the need for monitoring instrumentation

Test questions on these professional activities may include one or more of the following:

1. Methods to analyze temporary slope stability
2. Recognition and methods of mitigation of landslides encountered during construction
3. Geologic site conditions that relate to California regulations safeguarding personnel engaged in excavations, trenches, and earthwork
4. Cut and fill slope construction
5. Earthwork construction practices and equipment
6. Methods for ground improvement (e.g., use of geosynthetics, grouting, dynamic compaction, soil cement)
7. Geologic aspects of foundation and retaining structure construction
8. Methods to control groundwater (e.g., dewatering, wells, drains, hydraulic barrier)
- ~~Recognition and mitigation of soil contamination~~
9. ~~California~~ Applicable regulations pertaining to grading requirements
10. Techniques to mitigate bank and bluff instability and erosion along rivers, lakeshores, and coastlines
- ~~Influence of groundwater on slope stability~~
11. Methods to analyze and mitigate rockfall hazards
- ~~Methods of rock slope stabilization~~
12. Methods to mitigate unstable slopes
13. Methods to mitigate liquefaction and lateral spreading
14. Application of monitoring instrumentation (e.g., vibration monitors, strain monitors, settlement monitors, piezometers) and data evaluation
15. Methods to mitigate unforeseen adverse soil and rock conditions
- ~~California guidelines for constructing and monitoring landfills and disposal sites~~
16. Geologic factors that affect various foundation types
17. Methods and materials to mitigate erosion
18. Methods to mitigate construction-related ground movement (e.g., differential settlement, subsidence, rebound)
19. Methods and interpretation of field density tests

IX. Legislation

A. 2025 Legislative Calendar

DEADLINES

JANUARY

S	M	T	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	27	28	29	30	31	

- Jan. 1** Statutes take effect (Art. IV, Sec. 8(c)).
- Jan. 6** Legislature Reconvenes (J.R. 51(a)(1)).
- Jan. 10** Budget must be submitted by Governor (Art. IV, Sec. 12(a)).
- Jan. 20** Martin Luther King, Jr. Day.
- Jan. 24** Last day to submit **bill requests** to the Office of Legislative Counsel.

FEBRUARY

S	M	T	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	27	28	

- Feb. 17** Presidents' Day.
- Feb. 21** Last day for bills to be **introduced** (J.R. 61(a)(1), (J.R. 54(a)).

MARCH

S	M	T	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	27	28	29
30	31					

- Mar. 31** Cesar Chavez Day

APRIL

S	M	T	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
27	28	29	30			

- Apr. 10** **Spring Recess** begins upon adjournment of this day's session (J.R. 51(a)(2)).
- Apr. 21** Legislature reconvenes from **Spring Recess** (J.R. 51(a)(2)).

MAY

S	M	T	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	27	28	29	30	31

- May 2** Last day for **policy committees** to hear and report to **fiscal committees** fiscal bills introduced in their house (J.R. 61(a)(2)).
- May 9** Last day for **policy committees** to hear and report to the Floor **nonfiscal** bills introduced in their house (J.R. 61(a)(3)).
- May 16** Last day for **policy committees** to meet prior to June 9 (J.R. 61(a)(4)).
- May 23** Last day for **fiscal committees** to hear and report to the Floor bills introduced in their house (J.R. 61(a)(5)). Last day for **fiscal committees** to meet prior to June 9 (J.R. 61 (a)(6)).
- May 26** Memorial Day.

*Holiday schedule subject to Senate Rules committee approval.

JUNE

S	M	T	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	27	28
29	30					

June 2 - 6 Floor Session Only. No committees, other than conference or Rules committees, may meet for any purpose (J.R. 61(a)(7)).

June 6 Last day for each house to pass bills introduced in that house (J.R. 61(a)(8)).

June 9 Committee meetings may resume (J.R. 61(a)(9)).

June 15 Budget Bill must be passed by **midnight** (Art. IV, Sec. 12(c)(3)).

JULY

S	M	T	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
27	28	29	30	31		

July 4 Independence Day.

July 18 Last day for **policy committees** to meet and report bills (J.R. 61(a)(10)). **Summer Recess** begins upon adjournment of session provided Budget Bill has been passed (J.R. 51(a)(3)).

AUGUST

S	M	T	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	27	28	29	30
31						

Aug. 18 Legislature reconvenes from **Summer Recess** (J.R. 51(a)(3)).

Aug. 29 Last day for **fiscal committees** to meet and report bills to the Floor. (J.R. 61(a)(11)).

SEPTEMBER

S	M	T	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	27
28	29	30				

Sept. 1 Labor Day.

Sept. 2-12 Floor Session Only. No committees, other than conference or Rules committees, may meet for any purpose (J.R. 61(a)(12)).

Sept. 5 Last day to **amend** on the Floor (J.R. 61(a)(13)).

Sept. 12 Last day for **each house to pass bills** (J.R. 61(a)(14)). **Interim Study Recess** begins at end of this day's session (J.R. 51(a)(4)).

*Holiday schedule subject to Senate Rules committee approval.

IMPORTANT DATES OCCURRING DURING INTERIM STUDY RECESS

2025

Oct. 12 Last day for Governor to sign or veto bills passed by the Legislature on or before Sept. 12 and in the Governor's possession after Sept. 12 (Art. IV, Sec.10(b)(1)).

2026

Jan. 1 Statutes take effect (Art. IV, Sec. 8(c)).
 Jan. 5 Legislature reconvenes (J.R. 51(a)(4)).

X. Consideration of Rulemaking Proposal (Possible Action)

- A. Approval of Rulemaking Proposal to Amend Title 16, California Code of Regulations section 425.

X. Consideration of Rulemaking Proposal (Possible Action)

A. Approval of Rulemaking Proposal to Amend Title 16, California Code of Regulations section 425.

Revisions required due to SB 414 (Ch. 106, Stat. 2021)

425. Experience Requirements--Professional Land Surveyors.

(a) An applicant for licensure as a professional land surveyor shall be granted credit towards the experience requirements contained in Sections 8741 and 8742 of the Code, for the following education curriculum:

(1) Four (4) years experience credit for graduation from an approved land surveying curriculum.

(2) Two (2) years experience credit for graduation from a non-approved land surveying curriculum.

(3) Five (5) years of experience credit for graduation from an approved cooperative work-study land surveying curriculum.

(4) One-half (1/2) year of education credit for each year of study completed in an approved land surveying curriculum that did not result in the awarding of a baccalaureate degree, except that the maximum of such experience shall be two (2) years. A year of study shall be at least 32 semester units or 48 quarter units, no less than 10 semester units or 15 quarter units of which shall be from classes clearly identified as being land surveying subjects.

“Life Experience Degrees” are not acceptable and will not be counted towards the education credit.

(b) All qualifying work experience in land surveying shall be performed under the responsible charge of a person legally authorized to practice land surveying. An applicant shall possess at least two (2) years of actual responsible training experience in land surveying which shall involve at least four (4) of the land surveying activities specified in subdivisions (a)(1)-(6) and (11)-(14) of Section 8726 of the Code. Qualifying experience in activities specified in subdivision (a)(1), (2), (11), (13), and (14)~~(b), (k), (m), and (n)~~ of Section 8726 shall not exceed one (1) year in total. Qualifying experience shall be computed on an actual time worked basis, but not to exceed forty (40) hours per week.

(c) For purposes of Section 8742 of the Code, the terms “responsible field training” and “responsible office training” include the land surveying activities specified in subdivisions (a)(1)-(7) and (11)-(14)~~(g) and (k)-(n)~~ of Section 8726 of the Code performed in a field or office

environment. Responsible training means the exercise of independent judgment under the responsible charge of a person legally authorized to practice land surveying.

(d) Computation of qualifying experience for a license as a professional land surveyor shall be to the date of filing of the application, or it shall be to the final filing date announced for the examination if the application is filed within a period of thirty (30) days preceding the final filing date announced for such examination.

(e) An applicant for licensure as a land surveyor who holds a valid and unexpired license as a civil engineer is exempt from the application requirements of subdivisions (b) and (c) of this section provided ~~he or she~~ they submits sufficient documentation that ~~he or she~~ they ~~has~~ have a minimum of two (2) years of actual broad based progressive experience in land surveying as required by ~~Business and Professions Code Section 8742(a)(3) of the Code~~. For purposes of this subdivision and Section 8742(a)(3) of the Code, "actual broad based progressive experience in land surveying" shall involve at least four (4) of the land surveying activities specified in subdivisions (a)(1)-(7) and (11)-(14)~~(g) and (k)-(n)~~ of Section 8726 of the Code. All qualifying work experience in land surveying shall be performed under the responsible charge of a person legally authorized to practice land surveying. Qualifying experience in activities specified in subdivisions (a)(1), (2), (11), (13), and (14)~~(b), (k), (m), and (n)~~ of Section 8726 shall not exceed six (6) months in total. Qualifying experience shall be computed on an actual time worked basis, but not to exceed forty (40) hours per week. Time used to qualify for the civil engineer license, including that given for educational credit, shall not be used to qualify for the land surveyor license, except for the six (6) months allowed for the activities specified in subdivisions (a)(1), (2), (11), (13), and (14)~~(b), (k), (m), and (n)~~ of Section 8726.

Note: Authority cited: Section 8710, Business and Professions Code. Reference: Sections 8726, 8741 and 8742, Business and Professions Code.

XI. Executive Officer's Report

- A. Rulemaking Status Report
- B. Update on Board's Business Modernization Project
- C. 2025 Board Meeting Schedule (**Possible Action**)
- D. Personnel
- E. ABET
- F. Association of State Boards of Geology (ASBOG)
 - 1. Report from 2024 Fall Annual Meeting
- G. National Council of Examiners for Engineering and Surveying (NCEES)
 - 1. May 15-17, 2025, Western Zone – Central Zone Joint Interim Meeting, Albuquerque, NM – Funded Delegates (**Possible Action**)

Rulemaking Status Report

1. Applications, References, Computation of Qualifying Experience, and Schedule of Examinations (16 CCR sections 420, 427.10, 427.30, 3021, 3022.2, 3023, and 3032)

- Staff working with Legal to prepare language for Board review.
 - Staff working on final text for submittal to DCA Legal in September 2022.
 - Staff working with DCA Legal to finalize proposal for notice (April 2022).
 - Submitted for initial (pre-notice) review by DCA Legal on December 6, 2021.
 - Board directed staff to pursue rulemaking proposal on November 8, 2021.

2. Definitions of Negligence and Incompetence and Responsible Charge Criteria for Professional Geologists and Professional Geophysicists (16 CCR sections 3003 and 3003.1)

- Board staff will work on the pre-notice documents.
 - Board directed staff to pursue rulemaking proposal on September 6, 2018.

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

PROJECT STATUS REPORT

Reporting period:	1/21/2020 – 12/03/2024	Project title:	Business Modernization Cohort 1
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EXECUTIVE SUMMARY

Narrative Summary of Status	Schedule:	GREEN	Budget:	GREEN	Issues:	GREEN
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The Maintenance & Operations (M&O) phase of project began July 2022 and expected to continue through 2024. Current development is underway to support originally planned enforcement investigation and monitoring for connect Backoffice. Content is currently being developed for the Renewal Assessments.

PROJECT MILESTONE STATUS REVIEW

Project Milestones	Status	Completion Date	Issues Exist (Yes/No)
Project Planning Complete – Project Start	Complete	1/13/2020	No
Go Live – Most Viable Product (MVP1)	Complete	9/16/2020	No
Go Live - Product Increment 2 (PI2)	Complete	1/20/2021	No
Go Live - Product Increment 3 (PI3)	Complete	6/16/2021	No
Go Live - Product Increment 3.5 (PI3.5)	Complete	11/10/2021	No
Go Live - Product Increment 4 (PI4)	Complete	4/29/2022	No
Go Live – M&O Increment 1 (PI5/M&O1)	Complete	10/12/2022	No
Go Live – M&O Increment 2 (PI6/M&O2)	Complete	2/28/2023	No

Go Live – M&O Increment 3 (PI7/M&O3)	Complete	4/18/2023	No
Go Live – M&O Fall Release	Complete	9/14/2023	No
Go Live – M&O February Release (SE App)	Complete	2/29/2024	No
Go Live – M&O April Release (GE/TE Apps)	Complete	4/11/2024	No

2025 BOARD MEETING DATES

JANUARY

S	M	T	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	27	28	29	30	31	

FEBRUARY

S	M	T	W	TH	F	S
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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	27	28	

MARCH

S	M	T	W	TH	F	S
30	31					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	27	28	29

APRIL

S	M	T	W	TH	F	S
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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			

MAY

S	M	T	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	27	28	29	30	31

JUNE

S	M	T	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	24	25	26	27	28	29
30	31					

JULY

S	M	T	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
27	28	29	30	31		

AUGUST

S	M	T	W	TH	F	S
31					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	27	28	29	30

SEPTEMBER

S	M	T	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	27
28	29	30				

OCTOBER

S	M	T	W	TH	F	S
			1	2	3	4
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

S	M	T	W	TH	F	S
30	31					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	27	28	29

DECEMBER

S	M	T	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	27
28	29	30				

KEY	HOLIDAYS	NCEES AND ASBOG EVENTS
<div style="display: flex; gap: 5px;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></div> Board Meeting Dates <div style="width: 15px; height: 15px; background-color: gray; border: 1px solid black;"></div> State Holidays </div>	<ul style="list-style-type: none"> • 1/1 New Year's Day • 1/20 MLK Day • 2/117 President's Day • 3/31 Cesar Chavez Day • 5/26 Memorial Day • 7/4 Independence Day • 9/1 Labor Day • 11/11 Veteran's Day • 11/27 - 11/28 Thanksgiving Holiday • 12/25 Christmas 	<ul style="list-style-type: none"> 5/15-5/17 NCEES Central and Western Zone Meeting, Albuquerque, NM 8/19-8/22 NCEES Annual Meeting, New Orleans, LA 10/15 ASBOG Annual Meeting, Salt Lake City, UT

XII. President's Report/Board Member Activities

XIII. Approval of Meeting Minutes (Possible Action)

A. Approval of October 16-17, 2024, Board Meeting Minutes

DRAFT

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

**2535 Capitol Oaks Drive
Third Floor Conference Room
Sacramento, CA 95833**

Wednesday, October 16, 2024

Board Members Present:	President Christina Wong; Vice-President Guillermo Martinez; Fel Amistad; Alireza Asgari; Khaesha Brooks; Michael Hartley; Coby King; Betsy Mathieson; Frank Ruffino; Wilfredo Sanchez; Fermin Villegas; and Cliff Waldeck
Board Members Absent:	Rossana D'Antonio
Board Staff Present:	Ric Moore (Executive Officer); Tiffany Criswell (Assistant Executive Officer); Candace Cummins (Licensing Manager); Brook Grabowski (Enforcement Manager); Dawn Hall (Administrative Manager); Larry Kereszt (Examination Manager); Celina Calderone (Board Liaison); and Christopher Pirrone (Legal Counsel)

I. Roll Call to Establish a Quorum

President Wong called the meeting to order at 1:00 p.m., and a quorum was established.

II. Pledge of Allegiance

Vice-President Martinez led everyone in the recitation of the Pledge of Allegiance.

During this time, Board members and staff introduced themselves.

III. Public Comment for Items Not on the Agenda

During Public Comment, an individual by the name of Nick expressed his concern with stamp and signature security.

IV. Strategic Planning Session

The Board engaged in a Strategic Planning Session related to Diversity, Equity, and Inclusion (DEI).

The meeting recessed at 4:21 p.m.

MINUTES OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS (Cont.)

Thursday, October 17, 2024

Board Members Present:	President Christina Wong; Vice-President Guillermo Martinez; Fel Amistad; Alireza Asgari; Khaesha Brooks; Michael Hartley; Coby King; Betsy Mathieson; Frank Ruffino; Wilfredo Sanchez; Fermin Villegas; and Cliff Waldeck
Board Members Absent:	Rossana D'Antonio
Board Staff Present:	Ric Moore (Executive Officer); Tiffany Criswell (Assistant Executive Officer); Candace Cummins (Licensing Manager); Brook Grabowski (Enforcement Manager); Dawn Hall (Administrative Manager); Larry Kereszt (Examination Manager); Celina Calderone (Board Liaison); Joshua Goodwin (Senior Registrar Geologist); Natalie King (Senior Registrar Civil Engineer); Dallas Sweeney (Senior Registrar Land Surveyor); Adam White (Senior Registrar Civil Engineer) and Christopher Pirrone (Legal Counsel)

I. Roll Call to Establish a Quorum

President Wong called the meeting to order at 9:00 a.m., and a quorum was established.

III. Public Comment for Items Not on the Agenda

No public comment

V. Administration

A. Fiscal Year 2023/24 Fiscal Month 13 Financial Results

Ms. Hall, Administrative Services Manager, introduced the Fiscal Month 13 financial report. The revenues for Fiscal Month 13 were just under \$12.8 million, about 2% or \$243,000 higher than Fiscal Month 1 projections. There was approximately \$264,000 in investment income which was well above original projections likely due to higher interest rates. This was also higher than the comparable Fiscal Year 2021/22 period where the revenue was just over \$12.5 million. Expenses were \$11.5 million, including \$118,000 in reimbursements which was under the Fiscal Month 1 projections and the Governor's budget. The Fiscal Month 1 full year expense projections included the full encumbrance for Subject Matter Experts, business modernization, license renewal assessment, and Prometric contracts.

The Board subsidizes initial application and examination development costs with licensee renewal revenues. In Fiscal Year 2023/24, the Board subsidized approximately \$1.8 million which for context, is about \$17 per year, per licensee.

B. Fiscal Year 2024/25 Budget Report

Ms. Hall explained that this is a low renewal volume year, resulting in lower revenue. This is the largest category in the Board's revenue resulting in a sizeable impact on total projections. The current year expenses are projected at \$12.2 million resulting in drawing down the fund reserve and lowering the months in reserve.

VI. Enforcement

A. Enforcement Statistical Reports

1. Fiscal Year 2024/25 Update

Brook Grabowski introduced herself as the new Enforcement Manager and Ms. Criswell reviewed the Enforcement statistics.

During Public Comment, Carl Josephson representing SEAOC (Structural Engineers Association of California) asked if civil litigation goes all the way through completion and there is a judgment or a settlement and an engineer or design professional is found to be a defendant for a case, does it get referred to Enforcement? Ms. Criswell explained there are reporting requirements in place.

VII. Exams/Licensing

A. Examination/Licensing Updates

Larry Kereszt, Examination Manager, reported on examinations that are currently being administered. During the first week of October the Board administered all of the geology examinations, including state specific and ASBOG examinations. The second week of October, NCEES examinations were administered. The state traffic engineer exam, that is administered during a two-week window, begins this week. The state land surveyor exam takes place next week and the geotechnical engineer exam will be administered November 1st through the 15th.

During Public Comment, Rob McMillan, representing CLSA (California Land Surveyors Association), inquired about the population forecast for the California Professional Land Surveyor examinees. Mr. Kereszt reported there are approximately 120 eligible candidates.

B. Presentation from Prometric, LLC on Occupational Analysis (OA) Process

Colvin Franklin and Julie Morby, representing Prometric and attending virtually, provided a presentation that explained the occupational analysis process and answered questions from the Board and staff.

C. Adoption of Test Plan Specifications

1. Geotechnical Engineer Examination

Mr. Kereszt presented the proposed Geotechnical Engineer examination test plan specifications to the Board.

MOTION:	Ms. Mathieson and Mr. Hartley moved to approve the Geotechnical Engineer examination test plan specifications.
VOTE:	12-0, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
President Wong	X				
Vice-President Martinez	X				
Fel Amistad	X				
Alireza Asgari	X				
Khaesha Brooks	X				
Rossana D'Antonio				X	
Michael Hartley	X				
Coby King	X				
Betsy Mathieson	X				
Frank Ruffino	X				
Wilfredo Sanchez	X				
Fermin Villegas	X				
Cliff Waldeck	X				

VIII. Legislation

A. 2024 Legislative Calendar

Mr. Moore reviewed the legislative calendar.

B. Discussion of Legislation for 2024

1. **AB 1862** - Engineering, land surveying, and architecture: limited liability partnerships.

No action taken.

During public comment, Rob McMillan reported that prior to his retirement he worked for Caltrans for over 30 years and explained that early in his career he worked on later phases of Caltrans projects that had been initiated in the 1960s. Sunset date restrictions can be problematic for companies when projects have a 30+ year lifespan. He hopes that when this is introduced in the future that we should seek support without a sunset date.

Robert DeWitt, representing ACEC who sponsored the bill, appreciates the Board's support of the bill. There are only a handful of firms that organize as an LLP due to the sunset date. Many shy away from organizing in that manner due to the Legislature's hesitancy to remove the sunset date.

2. **AB 2862** - Licenses: African American applicants.

No action taken.

3. **AB 3176** - Professional land surveyors: surveying practices: monuments and corner accessories.
No action taken.
4. **AB 3253** - Board for Professional Engineers, Land Surveyors, and Geologists: licensees
No action taken.

IX. Executive Officer's Report

A. Rulemaking Status Report

Mr. Moore reported that the Traffic Engineering rulemaking package was removed from the list as the Board previously rescinded it and staff will continue its work on preparing a report. It will be presented at a future meeting to determine whether the Board believes there is sufficient need to initiate a new rulemaking package.

As for the fee study that the Board had previously approved, staff continues to work on final details prior to being presented at the next Board meeting.

There may be another proposal to authorize staff to initiate some clean-up rulemaking related to legislation which revised the Professional Land Surveyors' Act from 2022.

B. Update on Board's Business Modernization Project

Mr. Moore reported that the current priority is to bring the enforcement process into the Connect system, primarily back-office management and monitoring for Board staff.

Staff has been working diligently with the vendor to develop content for the license renewal assessment. There are currently three different assessments in development for the three Practice Acts with the one associated with the Professional Land Surveyors' Act being first. He commended staff for their outstanding work collaborating with the vendor and expressed his excitement about the progress.

During Public Comment, Mr. McMillan asked also if this be will it be the first to be released or will all assessments be released simultaneously? Mr. Moore explained that the manner in which it will launch has yet to be determined.

C. 2025 Board Meeting Schedule (Possible Action)

The Board suggested amending the proposed 2025 Board meeting dates from July 24-25 to July 17-18 or July 31-August 1 and the April 3-4 meeting to April 10-11.

D. Personnel

Mr. Moore reported that Brook Grabowski is the new Enforcement Manager and Adam White is the Board's new Senior Civil Engineer Registrar. Mr. White

introduced himself and provided some career background. He looks forward to working with the Board.

E. ABET

Mr. Moore reported that ABET has not reached out for potential visits.

F. Association of State Boards of Geology (ASBOG)

Mr. Moore reported that ASBOG's Annual Meeting will take place next week however, the Board continues to wait for approval. ASBOG has been notified that the California Board may not be in attendance.

G. National Council of Examiners for Engineering and Surveying (NCEES)

Mr. Moore received a request from other NCEES members for support of an additional standalone exam related to land surveying and expects to present this to the Board at a future meeting as more information becomes available.

During Public Comment, Mr. Josephson reported that since he is an emeritus member of the Board, he was contacted by NCEES to see if he would be willing to participate in a work group regarding significant structures and expressed that it is a great opportunity to bring this topic to a national level. He also added that

SEAOC recently held a webinar to prepare examinees for the national structural exam on what to expect in terms of practical aspects of taking the exam. There were approximately 180 participants and SEAOC will open it up to a national audience.

X. President's Report/Board Member Activities

Mr. Ruffino reported that NCEES reached out to him to participate in the Fresh Prospective Roundtable. however he had a conflict and could not attend.

Mr. King was reappointed to the Advisory Committee on Council Activities (ACCA) with meetings held virtually and in-person in January, which unfortunately, he will be unable to attend.

President Wong attended the Board leadership meeting with DCA and also met with the NCEES Finance Committee.

An organizer of Fresno State's annual Geomatics Engineering Conference Committee reached out to Mr. Hartley to provide a presentation. He and Mr. Sweeney have made plans to jointly provide a presentation on the importance of licensure at this conference.

Mr. Hartley expressed his appreciation to the public members of the Board for their continued interest in the professions.

Ms. Mathieson reported that she updated her photo on the Board's website.

Ms. Brooks and Mr. Waldeck will be attending the mandatory DCA Board Member Orientation Training.

XI. Approval of Meeting Minutes (Possible Action)

A. Approval of August 22, 2024, Board Meeting Minutes

MOTION:	Mr. Hartley and Mr. Ruffino moved to approve the August 22, 2024 Board meeting minutes.
VOTE:	11-0-1, Motion Carried

Member Name	Yes	No	Abstain	Absent	Recusal
President Wong	X				
Vice-President Martinez	X				
Fel Amistad	X				
Alireza Asgari	X				
Khaesha Brooks	X				
Rossana D'Antonio				X	
Michael Hartley	X				
Coby King	X				
Betsy Mathieson	X				
Frank Ruffino	X				
Wilfredo Sanchez	X				
Fermin Villegas	X				
Cliff Waldeck			X		

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

A. Deliberate on a Decision(s) to be Reached in a Proceeding(s) Required to be Conducted Pursuant to Chapter 5 (commencing with Section 11500), as Authorized by Government Code Section 11126(c)(3).

B. Confer with, or Receive Advice from, Its Legal Counsel Regarding Pending Litigation Pursuant to Government Code Section 11126(e)(1) and (2)(A), on the following matters:

1. Ryan Crownholm, et al. vs. Richard B. Moore, et al., United States District Court, Eastern District of California, Case No. 2:22-cv-01720-DAD-CKD
2. Victor Rodriguez-Fernandez vs. California Board for Professional Engineers, Land Surveyors, and Geologists, San Diego County Superior Court, Case No. 37-2023-00053465-CU-WM-CTL

XIII. Adjourn

The meeting adjourned at 12:40 p.m.

PUBLIC PRESENT

Carl Josephson, SEAOC
Jeanne Marie Tokunaga, NSPE-CA
Rob McMillan, CLSA

XIV. Adjourn
