Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2021

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A This return/report is for:
- ☐ a multiemployer plan
- ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- ☒ a single-employer plan
- ☐ a DFE (specify) ____

B This return/report is:
- ☐ the first return/report
- ☐ the final return/report
- ☐ an amended return/report
- ☐ a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ ☐

D Check box if filing under:
- ☐ Form 5558
- ☐ automatic extension
- ☐ the DFVC program
- ☐ special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶ ☐

Part II Basic Plan Information—enter all requested information

1a Name of plan
APHL 401(K) PENSION PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 10/01/2006

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
ASSOCIATION OF PUBLIC HEALTH LABORATORIES

8515 GEORGIA AVENUE, STE 700
SILVER SPRING, MD 20910

2b Employer Identification Number (EIN) 52-1800436

2c Plan Sponsor's telephone number 240-485-2745

2d Business code (see instructions) 813930

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/29/2022	LISA CHILCOTE
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:

a Sponsor's name

c Plan Name

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	177
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	120
a(2) Total number of active participants at the end of the plan year	**6a(2)**	172
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	10
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	182
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f Total. Add lines **6d** and **6e**	**6f**	182
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	182
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2S 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

- **(1)** [ ] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- **(1)** [ ] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] 0 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2021** **This Form is Open to Public Inspection.**

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
APHL 401(K) PENSION PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
ASSOCIATION OF PUBLIC HEALTH LABORATORIES

D Employer Identification Number (EIN)
52-1800436

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

GREAT-WEST LIFE & ANNUITY INSURANCE
8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

84-0467907

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

GREAT WEST LIFE & ANNUITY

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

84-0467907

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64	RECORDKEEPER	48305	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

LPL FINANCIAL RET PLAN CONSULTING

PO BOX 502533
SAN DIEGO, CA 92150

04-3046611

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	28168	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

ADVISED ADVISORY SERVICE

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	RECORDKEEPER & INV	26718	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

GLOBAL RETIREMENT PARTNERS, LLC

4340 REDWOOD HWY
SUITE B60
SAN RAFAEL, CA 94903

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	20396	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

GELMAN, ROSENBERG & FREEDMAN, P.C.

4550 MONTGOMERY AVENUE, SUITE 650N
BETHESDA, MD 20814

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	15473	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

JM PENSION ADVISORY, INC.

3905 NATIONAL DRIVE, SUITE 375
BURTONSVILLE, MD 20866

52-1910770

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13	CONTRACT ADMIN	7170	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III	**Termination Information on Accountants and Enrolled Actuaries (see instructions)** (complete as many entries as needed)

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
APHL 401(K) PENSION PLAN

B Three-digit plan number (PN) ▶ 002

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
ASSOCIATION OF PUBLIC HEALTH LABORATORIES

D Employer Identification Number (EIN)
52-1800436

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: MORLEY STABLE VALUE FUND

b Name of sponsor of entity listed in (a): GREAT WEST LIFE & ANNUITY INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
84-0467907-001	C	582247

a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE FUND

b Name of sponsor of entity listed in (a): PUTNAM INVESTMENTS

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
04-2159710-002	C	1602504

a Name of MTIA, CCT, PSA, or 103-12 IE: LORD ABBETT HY CORE II

b Name of sponsor of entity listed in (a): LORD ABBETT & CO

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-2353546-003	C	431178

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

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b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
APHL 401(K) PENSION PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
ASSOCIATION OF PUBLIC HEALTH LABORATORIES

D Employer Identification Number (EIN)
52-1800436

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	5043	24935
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	223405	141700
(9) Value of interest in common/collective trusts	1c(9)	2308825	2595313
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	22200140	26902688
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

			(a) Beginning of Year	**(b)** End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	24737413	29664636
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h		
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	24737413	29664636

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		**(a)** Amount	**(b)** Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	1346095	
	(B) Participants	2a(1)(B)	1047172	
	(C) Others (including rollovers)	2a(1)(C)	11144	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		2404411
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
	(B) U.S. Government securities	2b(1)(B)		
	(C) Corporate debt instruments	2b(1)(C)		
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)	12010	
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		12010
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)		
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1350974	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		1350974
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)		
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		2410366
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		6177761
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1105433	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		1105433
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)	145105	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		145105
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		1250538
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		4927223
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [X] Unmodified **(2)** [ ] Qualified **(3)** [ ] Disclaimer **(4)** [ ] Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) [ ] DOL Regulation 2520.103-8 **(2)** [ ] DOL Regulation 2520.103-12(d) **(3)** [X] neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: GELMAN, ROSENBURG, AND FREEDMAN **(2)** EIN: 52-1392008

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	

			Yes	No	Amount
b	Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	**4b**		X	
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	**4c**		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	**4d**		X	
e	Was this plan covered by a fidelity bond?	**4e**	X		500000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	**4f**		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4g**		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4h**		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	**4i**	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	**4j**		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	**4k**		X	
l	Has the plan failed to provide any benefit when due under the plan?	**4l**		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	**4m**		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	**4n**			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
APHL 401(K) PENSION PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
ASSOCIATION OF PUBLIC HEALTH LABORATORIES

D Employer Identification Number (EIN)
52-1800436

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions ..... | **1** | 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 84-0467907

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year ..... | **3**

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6	**a** Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	**6a**	
	b Enter the amount contributed by the employer to the plan for this plan year	**6b**	
	c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	**6c**	

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 **a** Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	**14a**	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14b**	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

20 **PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

FINANCIAL STATEMENTS

APHL 401(K) PENSION PLAN

FOR THE YEARS ENDED
DECEMBER 31, 2021 AND 2020

APHL 401(K) PENSION PLAN

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CPAs & ADVISORS

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
APHL 401(k) Pension Plan
Silver Spring, Maryland

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of the APHL 401(k) Pension Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of change in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from the qualified institutions as of December 31, 2021, and for the year then ended, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section —

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments; administering the Plan; and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements, including omissions, are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter—Supplemental Schedules Required by ERISA

The supplemental schedule is presented for purposes of additional analysis and is not a required part of the financial statements, but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion —

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Other Matter - Auditor's Report on the 2020 Financial Statements

We were engaged to audit the December 31, 2020 financial statements of the Plan. As permitted by 29 CFR 2520.103-8 of the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information certified by a qualified institution. In our report dated August 30, 2021, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the December 31, 2020 financial statements and (b) the form and content of the information included in the prior year financial statements other than that derived from the information certified information, were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Gelman Rosenberg & Freedman

July 29, 2022

APHL 401(K) PENSION PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2021 AND 2020

ASSETS

	2021	2020
INVESTMENTS		
Registered investment companies, at fair value	$ 26,882,072	$ 22,200,140
Stable value fund, at net asset value	1,602,504	1,416,590
Common collective trust, at net asset value	1,013,425	892,235
Total investments	29,498,001	24,508,965
RECEIVABLES		
Employer contributions receivable	24,935	5,043
Notes receivable from participants	141,700	223,405
Total receivables	166,635	228,448
NET ASSETS AVAILABLE FOR BENEFITS	**$ 29,664,636**	**$ 24,737,413**

See accompanying notes to financial statements.

APHL 401(K) PENSION PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	2021	2020
ADDITIONS		
Investment income:		
Net appreciation in fair value of investments	$ 2,410,366	$ 3,027,300
Interest and dividends	1,350,974	637,389
Total investment income	3,761,340	3,664,689
Contributions:		
Employee contributions	1,047,172	964,828
Employer qualified non-elective contributions	425,847	394,980
Employer profit sharing contributions	920,248	921,622
Rollover contributions	11,144	30,963
Total contributions	2,404,411	2,312,393
Participant loan interest	12,010	14,467
Total additions	6,177,761	5,991,549
DEDUCTIONS		
Benefits paid to participants or their beneficiaries	1,105,433	2,312,413
Administrative fees	145,105	104,322
Total deductions	1,250,538	2,416,735
Increase in net assets available for benefits	4,927,223	3,574,814
Net assets available for benefits, beginning of year	24,737,413	21,162,599
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	**$ 29,664,636**	**$ 24,737,413**

See accompanying notes to financial statements.

1. DESCRIPTION OF THE PLAN

The following description of the APHL 401(k) Pension Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

General -

The Plan is a defined contribution plan which was established October 1, 2006, by the Association of Public Health Laboratories (the Employer). The Plan was most recently restated effective January 1, 2016. The Plan excludes non-resident aliens, interns, and those classified as independent contractors. The Plan is administered pursuant to the Safe Harbor Provisions of the Internal Revenue Code (IRC). The Plan is subject to the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

Eligibility -

Employees are eligible to participate in the Plan on the first day of the calendar month coincident with or next following the date he or she attains age 18 and completes 250 hours of service in a three-month period, or if later, when 1,000 hours is reached in a 12-month period, beginning at the employee's date of hire or the first day of the Plan year.

Contributions -

The Plan includes a salary deferral arrangement allowed under Section 401(k) of the IRC. Eligible participants are permitted to elect to have a percentage of their compensation contributed as pre-tax 401(k) contributions to the Plan. Participants age 50 or older are allowed to make catch-up contributions.

The employer will make qualified nonelective contributions to the Plan in an amount not less than 3% of participant's eligible compensation on behalf of each employee who is eligible to make elective deferrals during the year. For the years ended December 31, 2021 and 2020, the employer qualified nonelective contribution was 3% of each eligible participant's compensation.

The employer may, at its sole discretion, elect to make profit sharing contributions to the Plan. For the years ended December 31, 2021 and 2020, the employer profit sharing contribution was 7% of each eligible participant's compensation.

Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans or conduit IRAs. Participants direct the investment of contributions into various investment options offered by the Plan. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

Vesting -

Participants are fully vested in their elective deferral contributions, employee rollover contributions, and employer qualified nonelective contributions, plus actual earnings thereon. Vesting in the employer profit sharing contribution portion of their accounts, plus actual earnings thereon, is based on years of credited service. A participant is 100% vested after three years of credited service. Notwithstanding the above, a participant is fully vested upon reaching normal retirement age, death, or disability.

1. DESCRIPTION OF THE PLAN (Continued)

Participant accounts -

Each participant's account is credited with the participant's contributions, the employer's qualified nonelective contribution, the employer's profit sharing contribution, and an allocation of Plan earnings or losses. Allocations are based on participant earnings or account balances, as defined by the Plan document. Income is allocated daily based on the shares in the participant's account. The benefit to which a participant is entitled is the benefit that can be provided by the participant's account.

Investments elections -

Contributions to the Plan are invested with Great-West Life and Annuity Insurance Company, the custodian, according to participant instructions. The Plan Administrator has selected a list of investment options and has provide participants with information describing these investment option.

Payment of benefits -

Benefits provided by the Plan are paid from net assets available for benefits. The benefit to which a plan participant is entitled is the benefit that can be provided by the contributions and net earnings thereon allocated to such participant's account. Benefit payments are made in the form of participant directed lump sum, installment, or annuity payments upon separation, retirement, total and permanent disability, or death, as applicable. Benefits are recorded when paid whether directly to or on behalf of a participant.

Hardship distributions to employees are permitted if certain conditions are met.

The Plan also provides for minimum required distributions per IRS regulations by April 1 of the calendar year following the later of the calendar year in which the participant reaches age 72 or the calendar year the participant retires. In addition, participants may elect in-service withdrawals of their vested account balances after reaching age 59½.

Forfeited non-vested accounts -

Forfeited non-vested accounts are used to reduce future employer contributions, reallocate to participants, or pay reasonable Plan expenses. During the years ended December 31, 2021 and 2020, $84,037 and $0 of forfeitures, respectively, were used to reduce employer contributions.

Forfeited non-vested accounts totaled $20,639 and $85,113 at December 31, 2021 and 2020, respectively.

Notes receivable from participants -

Participants may borrow from their accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. Principal and interest is paid ratably through payroll deductions. Note terms are up to five years, except for notes to fund the purchase of a principal residence, for which the note may be repaid over a reasonable period that may exceed five years. All notes receivable from participants are secured by the balance in the participant's account. Interest rates on loans to participants range from 5.25% to 7.50%.

1. DESCRIPTION OF THE PLAN (Continued)

Plan termination -

Although it has not expressed any intent to do so, the employer has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the participants would become 100% vested in their accounts.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of accounting -

The financial statements are prepared on the accrual basis of accounting and in accordance with FASB ASC 962, *Plan Accounting Defined Contribution Pension Plans*.

New accounting pronouncement adopted -

During the Plan year ended December 31, 2021, the Plan adopted Accounting Standards Board SAS No. 136, *Forming an Opinion and Reporting on Financial Statements of Employee Benefit Plans Subject to ERISA*. The standard addresses the auditor's responsibility to form an opinion on the financial statements of employee benefit plans (EBPs) subject to the Employee Retirement Income Security Act of 1974 (ERISA). It also addresses the form and content of the auditor's report issued as a result of an audit of ERISA plan financial statements.

Use of estimates -

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan Administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Fair value measurement -

The Plan applies the provisions of FASB ASC 820, *Fair Value Measurement*. FASB ASC 820 defines fair value, establishes a framework for measuring fair value, establishes a fair value hierarchy based on the quality of inputs (assumptions that market participants would use in pricing assets and liabilities, including assumptions about risk) used to measure fair value, and enhances disclosure requirements for fair value measurements. The Plan accounts for a significant portion of its financial instruments at fair value or considers fair value in their measurement.

Valuation of investments -

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians, and insurance company. See Note 7 for discussion of fair value measurement.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Valuation of investments (continued) -

Certain Plan assets are invested in stable value funds and common collective trusts. Under the stable value funds and common collective trusts, the investment advisors account for the Plan's share of the total portfolio on a unit basis and are the custodians of the investments (at net asset value).

Purchases and sales of securities are recorded on a trade-date basis. Investment income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains on investments bought and sold as well as held during the year.

Notes receivable from participants -

Notes receivable from participants are measured at their unpaid principal balance, plus accrued interest. Delinquent loans are treated as distributions based upon the terms of the Plan document. Delinquent loans are loans for which any scheduled repayment remains unpaid at the end of the period specified in the loan documents and any loans for which there is an outstanding principal balance existing after the last scheduled repayment date. No allowance for credit losses has been recorded as of December 31, 2021 and 2020.

Benefit payments -

Benefits are recorded when paid.

Administrative expenses -

Certain expenses of maintaining the Plan are paid directly by the Plan Sponsor and some are paid out of the Plan, which are included in these financial statements. Investment-related expenses are included as a reduction in the net appreciation of fair value of investments presented in the accompanying Statements of Changes in Net Assets Available for Benefits. Expenses that are paid by the Plan Sponsor are excluded from these financial statements.

Reclassification -

Certain amounts in the prior year's financial statements have been reclassified to conform to the current year's presentation. These reclassifications had no effect on the previously reported changes in net assets available for benefits.

3. INCOME TAX STATUS

The Plan was established as a qualified plan under Section 401(k) of the Internal Revenue Code (IRC). The prototype plan obtained its latest opinion letter dated February 3, 2014 in which the Internal Revenue Service (the IRS) indicated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC and was qualified and tax-exempt. The Plan has been subsequently amended. Management of the Plan, in consultation with its legal counsel, believes that the Plan continues to meet the requirements of Section 401 of the IRC.

3. INCOME TAX STATUS (Continued)

Therefore, the Plan Administrator believes that the Plan was qualified and tax-exempt as of the financial statement date.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service.

The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2021 and 2020, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

4. INFORMATION CERTIFIED BY CUSTODIAN

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan's administrator instructed the Plan's independent auditors not to perform, and they did not perform, such auditing procedures with respect to the information certified by Great-West Life and Annuity Insurance Company and Great-West Trust Company, LLC. Great-West Life and Annuity Insurance Company and Great-West Trust Company, LLC issued Certification Statements, certifying the information presented in the Schedule of Assets (Held at End of Year) and the Statements of Net Assets Available for Benefits for the years ended December 31, 2021 and 2020.

5. PARTY-IN-INTEREST TRANSACTIONS

The Plan investments are managed by Great-West Life and Annuity Insurance Company. Great-West Life and Annuity Insurance Company provides recordkeeping, plan management, and day-to-day support to the Plan; therefore, these transactions qualify as party-in-interest.

The Plan made direct payments to the third party administrators of $15,473 and $7,430, which were not covered by revenue sharing, for the years ended December 31, 2021 and 2020, respectively. Additionally, the Plan made direct payments to the third party administrators of $54,934 and $52,062, which were covered by revenue sharing, for the years ended December 31, 2021 and 2020, respectively. The Plan sponsor pays directly any other fees related to the Plan’s operations.

6. RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rates, market and credit risks. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants’ account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

7. FAIR VALUE MEASUREMENT

In accordance with FASB ASC 820, *Fair Value Measurement*, the Plan has categorized its financial instruments, based on the priority of the inputs to the valuation technique, into a three-level fair value hierarchy. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure the financial instruments fall within different levels of hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement of the instrument.

Investments recorded in the Statements of Net Assets Available for Benefits are categorized based on the inputs to valuation techniques as follows:

Level 1. These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Plan has the ability to access.

Level 2. These are investments where values are based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, or model-based valuation techniques that utilize inputs that are observable either directly or indirectly for substantially the full-term of the investments.

Level 3. These are investments where inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Following is a description of the valuation methodology used for investments measured at fair value.

- *Mutual funds (Registered investment companies)* - Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily value and to transact at that price. Mutual funds held by the Plan are deemed to be actively traded.

- *Stable value funds and common/collective trusts* - These accounts are valued on the basis of the relative interest of each participating investor in the fair value of the underlying assets of each of the respective stable value fund and common collective trust. The underlying assets are valued based on the NAV as provided by the investment account manager.

The fair value of investments within the scope of FASB issued *Accounting Standards Update* (ASU) 2009-12, Investment in Certain Entities that Calculate Net Asset Value per Share, can be determined using NAV per share as a practical expedient when the fair value is not readily determinable, unless its probable that the investment will be sold at something other than NAV. The ASU requires disclosure of certain attributes by major category for investments within the scope of the ASU, regardless of whether the practical expedient was used. The Plan Administrator has determined that the stable value funds and common collective trusts can be measured using the practical expedient.

Certain investments that are measured at net asset value have not been categorized in the fair value hierarchy; however, the net asset value amounts presented in the tables are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statements of Net Assets Available for Benefits.

7. FAIR VALUE MEASUREMENT (Continued)

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2021:

	Level 1	Level 2	Level 3	Investments Measured at NAV	Total
Asset Class:					
Registered investment companies, at fair value	$ 26,882,072	$ -	$ -	$ -	$ 26,882,072
Stable value fund, at net asset value	-	-	-	1,602,504	1,602,504
Common collective trust, at net asset value	-	-	-	1,013,425	1,013,425
TOTAL INVESTMENTS	**$ 26,882,072**	**$ -**	**$ -**	**$ 2,615,929**	**$ 29,498,001**

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2020:

	Level 1	Level 2	Level 3	Investments Measured at NAV	Total
Asset Class:					
Registered investment companies, at fair value	$ 22,200,140	$ -	$ -	$ -	$ 22,200,140
Stable value fund, at net asset value	-	-	-	1,416,590	1,416,590
Common collective trust, at net asset value	-	-	-	892,235	892,235
TOTAL	**$ 22,200,140**	**$ -**	**$ -**	**$ 2,308,825**	**$ 24,508,965**

The following is a summary of the investments valued using NAV as a practical expedient and the related unfunded commitments and redemption restrictions associated with each major category at December 31, 2021 and 2020:

	2021 Net Asset Value	2020 Net Asset Value	Redemption Frequency	Full Redemption Notice Period
Putnam Stable Value Fund	**$ 1,602,504**	**$ 1,416,590**	**Daily**	**30 Days**
Morley Stable Value Fund	**$ 582,247**	**$ 652,919**	**Daily**	**30 Days**
Lord Abbett High Yield Core TR II	**$ 431,178**	**$ 239,316**	**Daily**	**30 Days**

There were no unfunded commitments as of December 31, 2021 and 2020.

8. SUBSEQUENT EVENTS

In preparing these financial statements, the Plan has evaluated events and transactions for potential recognition or disclosure through July 29, 2022, the date the financial statements were issued.

SUPPLEMENTAL INFORMATION

APHL 401(K) PENSION PLAN

SCHEDULE H, LINE 4I, SCHEDULE OF ASSETS (HELD AT END OF YEAR)
FOR THE YEAR ENDED DECEMBER 31, 2021

EIN: 52-1800436
Plan Number: 002

(a) Party-in-Interest	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
	Common Collective Trusts:			
*	Great-West Life and Annuity Insurance Company	Morley Stable Value Fund	N/A	$ 582,247
*	Great-West Life and Annuity Insurance Company	Lord Abbett High Yield Core TR II	N/A	431,178
	Stable Value Fund:			
*	Great-West Life and Annuity Insurance Company	Putnam Stable Value Fund	N/A	1,602,504
	Registered Investment Companies:			
*	Great-West Life and Annuity Insurance Company	American Funds 2025 Target Date Retirement	N/A	48,403
*	Great-West Life and Annuity Insurance Company	American Funds 2030 Target Date Retirement	N/A	283,201
*	Great-West Life and Annuity Insurance Company	American Funds 2035 Target Date Retirement	N/A	2,144,017
*	Great-West Life and Annuity Insurance Company	American Funds 2040 Target Date Retirement	N/A	2,801,325
*	Great-West Life and Annuity Insurance Company	American Funds 2045 Target Date Retirement	N/A	2,369,240
*	Great-West Life and Annuity Insurance Company	American Funds 2050 Target Date Retirement	N/A	892,867
*	Great-West Life and Annuity Insurance Company	American Funds 2055 Target Date Retirement	N/A	989,067
*	Great-West Life and Annuity Insurance Company	American Funds 2060 Target Date Retirement	N/A	34,918
*	Great-West Life and Annuity Insurance Company	American Funds 2020 Target Date Retirement	N/A	536,498
*	Great-West Life and Annuity Insurance Company	DFA International Core Equity I	N/A	1,189,265
*	Great-West Life and Annuity Insurance Company	Invesco International Small-Mid Company	N/A	289,630
*	Great-West Life and Annuity Insurance Company	American Funds EuroPacific GR	N/A	1,861,777
*	Great-West Life and Annuity Insurance Company	T.Rowe Price Financial Services	N/A	22,143
*	Great-West Life and Annuity Insurance Company	BlackRock Health Services Opps	N/A	510,771
*	Great-West Life and Annuity Insurance Company	American Beacon Small Cap Value	N/A	13,124
*	Great-West Life and Annuity Insurance Company	JP Morgan U.S. Small Company	N/A	58,910
*	Great-West Life and Annuity Insurance Company	T.Rowe Price QM U.S. Small Cap GR	N/A	255,756
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Growth Index Admiral	N/A	472,150
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Value Index Admiral	N/A	446,729
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Index Admiral	N/A	329,798
*	Great-West Life and Annuity Insurance Company	BlackRock Mid-Cap Growth Equity	N/A	263,054
*	Great-West Life and Annuity Insurance Company	Principal Mid-Cap Value I	N/A	580,750
*	Great-West Life and Annuity Insurance Company	Vanguard Extended Market Index Admiral	N/A	402,160
*	Great-West Life and Annuity Insurance Company	Vanguard Mid-Cap Growth Index Admiral	N/A	471,419
*	Great-West Life and Annuity Insurance Company	Vanguard Mid-Cap Value Index Admiral	N/A	239,173
*	Great-West Life and Annuity Insurance Company	Vanguard Strategic Equity Inv	N/A	223,315
*	Great-West Life and Annuity Insurance Company	JP Morgan US Research Enhanced Equity	N/A	1,310,926
*	Great-West Life and Annuity Insurance Company	MFS Value	N/A	258,596
*	Great-West Life and Annuity Insurance Company	Putnam Global Technology	N/A	296,602
*	Great-West Life and Annuity Insurance Company	Vanguard Equity-Income Admiral	N/A	985,713
*	Great-West Life and Annuity Insurance Company	Vanguard Growth Index Admiral	N/A	620,901
*	Great-West Life and Annuity Insurance Company	Vanguard Total Stock Market Index Admiral	N/A	4,037,053
*	Great-West Life and Annuity Insurance Company	ERS Total Return Bond	N/A	1,642,821
	Notes Receivable from Participants:			
*	Great-West Life and Annuity Insurance Company	Participant loans with interest rate ranging 5.25% - 7.50%	-0-	141,700
				$ 29,639,701

** Denotes party-in-interest*

N/A - Cost information not required for participant directed investments

Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2021

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A This return/report is for:
- ☐ a multiemployer plan
- ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- ☒ a single-employer plan
- ☐ a DFE (specify) ____

B This return/report is:
- ☐ the first return/report
- ☐ the final return/report
- ☐ an amended return/report
- ☐ a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ ☐

D Check box if filing under:
- ☒ Form 5558
- ☐ automatic extension
- ☐ the DFVC program
- ☐ special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶ ☐

Part II Basic Plan Information—enter all requested information

1a Name of plan
APHL 401(k) Pension Plan

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 10/01/2006

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)

ASSOCIATION OF PUBLIC HEALTH LABORATORIES

8515 GEORGIA AVENUE, STE 700

SILVER SPRING MD 20910

2b Employer Identification Number (EIN)
52-1800436

2c Plan Sponsor's telephone number
240-485-2745

2d Business code (see instructions)
813930

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Signature of plan administrator: Chilcote, Lisa Digitally signed by Chilcote, Lisa Date: 2022.07.29 07:37:07 -04'00'	Date	Lisa Chilcote Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor	**3b** Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: **a** Sponsor's name **c** Plan Name	**4b** EIN **4d** PN	
5 Total number of participants at the beginning of the plan year	**5**	177
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	120
a(2) Total number of active participants at the end of the plan year	**6a(2)**	172
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	10
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	182
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f Total. Add lines **6d** and **6e**	**6f**	182
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	182
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
2E 2F 2G 2J 2S 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)		**9b** Plan benefit arrangement (check all that apply)	
(1)	[ ] Insurance	(1)	[ ] Insurance
(2)	[ ] Code section 412(e)(3) insurance contracts	(2)	[ ] Code section 412(e)(3) insurance contracts
(3)	[X] Trust	(3)	[X] Trust
(4)	[ ] General assets of the sponsor	(4)	[ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

(1) [X] **R** (Retirement Plan Information)

(2) [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary

(3) [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1) [X] **H** (Financial Information)

(2) [ ] **I** (Financial Information – Small Plan)

(3) [ ] **A** (Insurance Information)

(4) [X] **C** (Service Provider Information)

(5) [X] **D** (DFE/Participating Plan Information)

(6) [ ] **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

APHL 401(K) PENSION PLAN

SCHEDULE H, LINE 4I, SCHEDULE OF ASSETS (HELD AT END OF YEAR)
FOR THE YEAR ENDED DECEMBER 31, 2021

EIN: 52-1800436
Plan Number: 002

(a) Party-in-Interest	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
	Common Collective Trusts:			
*	Great-West Life and Annuity Insurance Company	Morley Stable Value Fund	N/A	$ 582,247
*	Great-West Life and Annuity Insurance Company	Lord Abbett High Yield Core TR II	N/A	431,178
	Stable Value Fund:			
*	Great-West Life and Annuity Insurance Company	Putnam Stable Value Fund	N/A	1,602,504
	Registered Investment Companies:			
*	Great-West Life and Annuity Insurance Company	American Funds 2025 Target Date Retirement	N/A	48,403
*	Great-West Life and Annuity Insurance Company	American Funds 2030 Target Date Retirement	N/A	283,201
*	Great-West Life and Annuity Insurance Company	American Funds 2035 Target Date Retirement	N/A	2,144,017
*	Great-West Life and Annuity Insurance Company	American Funds 2040 Target Date Retirement	N/A	2,801,325
*	Great-West Life and Annuity Insurance Company	American Funds 2045 Target Date Retirement	N/A	2,369,240
*	Great-West Life and Annuity Insurance Company	American Funds 2050 Target Date Retirement	N/A	892,867
*	Great-West Life and Annuity Insurance Company	American Funds 2055 Target Date Retirement	N/A	989,067
*	Great-West Life and Annuity Insurance Company	American Funds 2060 Target Date Retirement	N/A	34,918
*	Great-West Life and Annuity Insurance Company	American Funds 2020 Target Date Retirement	N/A	536,498
*	Great-West Life and Annuity Insurance Company	DFA International Core Equity I	N/A	1,189,265
*	Great-West Life and Annuity Insurance Company	Invesco International Small-Mid Company	N/A	289,630
*	Great-West Life and Annuity Insurance Company	American Funds EuroPacific GR	N/A	1,861,777
*	Great-West Life and Annuity Insurance Company	T.Rowe Price Financial Services	N/A	22,143
*	Great-West Life and Annuity Insurance Company	BlackRock Health Services Opps	N/A	510,771
*	Great-West Life and Annuity Insurance Company	American Beacon Small Cap Value	N/A	13,124
*	Great-West Life and Annuity Insurance Company	JP Morgan U.S. Small Company	N/A	58,910
*	Great-West Life and Annuity Insurance Company	T.Rowe Price QM U.S. Small Cap GR	N/A	255,756
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Growth Index Admiral	N/A	472,150
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Value Index Admiral	N/A	446,729
*	Great-West Life and Annuity Insurance Company	Vanguard Small Cap Index Admiral	N/A	329,798
*	Great-West Life and Annuity Insurance Company	BlackRock Mid-Cap Growth Equity	N/A	263,054
*	Great-West Life and Annuity Insurance Company	Principal Mid-Cap Value I	N/A	580,750
*	Great-West Life and Annuity Insurance Company	Vanguard Extended Market Index Admiral	N/A	402,160
*	Great-West Life and Annuity Insurance Company	Vanguard Mid-Cap Growth Index Admiral	N/A	471,419
*	Great-West Life and Annuity Insurance Company	Vanguard Mid-Cap Value Index Admiral	N/A	239,173
*	Great-West Life and Annuity Insurance Company	Vanguard Strategic Equity Inv	N/A	223,315
*	Great-West Life and Annuity Insurance Company	JP Morgan US Research Enhanced Equity	N/A	1,310,926
*	Great-West Life and Annuity Insurance Company	MFS Value	N/A	258,596
*	Great-West Life and Annuity Insurance Company	Putnam Global Technology	N/A	296,602
*	Great-West Life and Annuity Insurance Company	Vanguard Equity-Income Admiral	N/A	985,713
*	Great-West Life and Annuity Insurance Company	Vanguard Growth Index Admiral	N/A	620,901
*	Great-West Life and Annuity Insurance Company	Vanguard Total Stock Market Index Admiral	N/A	4,037,053
*	Great-West Life and Annuity Insurance Company	ERS Total Return Bond	N/A	1,642,821
	Notes Receivable from Participants:			
*	Great-West Life and Annuity Insurance Company	Participant loans with interest rate ranging 5.25% - 7.50%	-0-	141,700
				$ 29,639,701

** Denotes party-in-interest*

N/A - Cost information not required for participant directed investments