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
- [X] 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:
- [X] 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
HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 06/29/1987

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)
HANFORD SITE

PO BOX 943 MSIN H3 08
1981 SNYDER
RICHLAND, WA 99352

2b Employer Identification Number (EIN) 90-0501441

2c Plan Sponsor's telephone number 509-372-3323

2d Business code (see instructions) 562000

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.	10/06/2022	KELLY CUSTER
	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**	5490
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)**	4030
a(2) Total number of active participants at the end of the plan year	**6a(2)**	4186
b Retired or separated participants receiving benefits	**6b**	331
c Other retired or separated participants entitled to future benefits	**6c**	1242
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	5759
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	57
f Total. Add lines **6d** and **6e**	**6f**	5816
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	5532
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 2K 2R 2T 3H

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)	[ ]	**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	**B** Three-digit plan number (PN) ▶
HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN	002

C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)
HANFORD SITE	90-0501441

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

THE VANGUARD GROUP, INC.

23-1945930

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

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

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

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

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

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

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

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

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

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

(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)

THE VANGUARD GROUP, INC.

23-1945930

(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?
15 25 33 52	NONE	320301	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

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

VANGUARD ADVISERS INC.

23-2811930

(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?
26	NONE	306418	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

WILLIS TOWERS WATSON

62-1404453

(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?
22	NONE	158485	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)

DAVIS WRIGHT TREMAINE LLP

91-0839480

(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?
29	NONE	104207	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

VERUS

91-1320111

(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?
16	NONE	93752	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

MOSS ADAMS LLP

91-0189318

(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	NONE	27655	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
THE VANGUARD GROUP, INC.	64	0
(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.	
DODGE & COX 94-1441976	10 BPS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	99	0
(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.	
TD AMERITRADE, INC. 06-0988655	UP TO $25 PER QUARTER, PER ACTIVE BROKERAGE PARTIC IPANT; UP TO A $50 ONE TIME PER PARTICIPANT BROKER AGE SET-UP FEE AS COMPENSATION FOR VANGUARD`S INIT IAL/ONGOING ENHANCEMENTS TO INTEGRATE TD AMERITRAD E`S BROKERAGE SERVICE FOR PLAN PARTICIPANTS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	64	0
(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.	
HOTCHKIS WILEY 95-4607961	25 BPS	

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
HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
HANFORD SITE

D Employer Identification Number (EIN)
90-0501441

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: VFTC RETIREMENT SAVINGS TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
45-5455475-023	C	134937635

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET INCOME TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083967-001	C	13499763

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2015 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083984-001	C	24807945

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2020 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083982-001	C	44372720

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2025 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083980-001	C	76618915

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2030 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083978-001	C	58903328

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2035 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083976-001	C	49953968

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2040 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083974-001	C	29229714

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2045 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083972-001	C	35653515

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2050 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
90-6083970-001	C	24437822

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2055 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
27-6715091-001	C	12249719

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2060 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
45-3799419-001	C	5852915

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2065 TRUST II

b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST 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)
82-6194314-001	C	823010

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	
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
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
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
HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
HANFORD SITE

D Employer Identification Number (EIN)
90-0501441

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)	483073	474403
(2) Participant contributions	1b(2)	827690	859540
(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)	10217529	9607653
(9) Value of interest in common/collective trusts	1c(9)	471362309	511340970
(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)	716776543	787558109
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	8669448	10999504

			(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	1208336592	1320840179
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h	49745	44685
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	49745	44685
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	1208286847	1320795494

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)	24051175	
	(B) Participants	2a(1)(B)	43789569	
	(C) Others (including rollovers)	2a(1)(C)	16152043	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		83992787
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)	521965	
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		521965
	(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)	51663495	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		51663495
	(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)		39752742
(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)		68728805
c Other income	2c		1326874
d Total income. Add all **income** amounts in column (b) and enter total	2d		245986668
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	132548577	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)	106	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		132548683
f Corrective distributions (see instructions)	2f		19919
g Certain deemed distributions of participant loans (see instructions)	2g		157059
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	961070	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		961070
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		133686731
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		112299937
l Transfers of assets:			
(1) To this plan	2l(1)		208710
(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) [X] DOL Regulation 2520.103-8 **(2)** [ ] DOL Regulation 2520.103-12(d) **(3)** [ ] 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: MOSS ADAMS LLP **(2)** EIN: 91-0189318

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		22952

			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		4000000
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
HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
HANFORD SITE

D Employer Identification Number (EIN)
90-0501441

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**

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): 23-2186884

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 _____



REPORT OF INDEPENDENT AUDITORS
AND FINANCIAL STATEMENTS
WITH SUPPLEMENTAL SCHEDULES

HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

December 31, 2021 and 2020

MOSSADAMS

Table of Contents

	PAGE
Report of Independent Auditors	1–4
Financial Statements	
Statements of net assets available for benefits	5
Statements of changes in net assets available for benefits	6
Notes to financial statements	7–13
Supplemental Schedules Required by the Department of Labor	
Schedule H, line 4(i) – schedule of assets (held at end of year)	14–15
Schedule H, line 4(a) – schedule of delinquent participant contributions	16

MOSSADAMS

Report of Independent Auditors

Pension and Savings Committee
Hanford Operations and Engineering Investment Plan

Report on the Audit of the Financial Statements

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

We have performed an audit of the financial statements of Hanford Operations and Engineering Investment 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 changes 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 2021 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 a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 8 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 2021 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 (GAAP).
- the information in the accompanying 2021 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 Hanford Operations and Engineering Investment 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 GAAP, 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 Hanford Operations and Engineering Investment Plan's ability to continue as a going concern within one year after the date that 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 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 Hanford Operations and Engineering Investment 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 Hanford Operations and Engineering Investment 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 2021 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 GAAP.

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 GAAP.

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 Matters

Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule of Assets (held at end of year) and Schedule of delinquent participant contributions as of and for the year ended December 31, 2021, are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to the 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 schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are 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 schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA.
- the information in the supplemental schedules 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).

Auditor's Report on the 2020 Financial Statements

We have audited the statement of net assets available for benefits of Hanford Operations and Engineering Investment Plan as of December 31, 2020, and the related statement of changes in net assets available for benefits for the year then ended, and in our report dated September 9, 2021, we expressed an unmodified opinion on those financial statements.

Moss Adams LLP

Yakima, Washington
September 28, 2022

Hanford Operations and Engineering Investment Plan
Statements of Net Assets Available for Benefits

	December 31, 2021	December 31, 2020
ASSETS		
Investments, at fair value		
Registered investment companies	$ 787,558,109	$ 716,776,543
Self-directed brokerage accounts	10,999,504	8,669,448
Collective trusts	511,340,970	471,362,309
	1,309,898,583	1,196,808,300
Receivables		
Notes receivable from participants, net	9,607,653	10,217,529
Contributions	1,333,944	1,310,763
	10,941,597	11,528,292
TOTAL ASSETS	1,320,840,180	1,208,336,592
LIABILITIES		
Accrued expenses	44,685	49,745
NET ASSETS AVAILABLE FOR BENEFITS	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Hanford Operations and Engineering Investment Plan
Statements of Changes in Net Assets Available for Benefits

	Years Ended December 31, 2021	Years Ended December 31, 2020
ADDITIONS TO NET ASSETS ATTRIBUTED TO		
Investment income		
Net appreciation in fair value of investments	$ 107,653,338	$ 101,169,350
Interest and dividends	53,818,579	37,902,355
	161,471,917	139,071,705
Interest income on notes receivable from participants	521,965	642,288
Contributions		
Participant	59,941,592	46,656,093
Employer	24,051,175	24,409,559
	83,992,767	71,065,652
Total additions	245,986,649	210,779,645
DEDUCTIONS FROM NET ASSETS ATTRIBUTABLE TO		
Benefits paid to participants	132,725,535	105,429,238
Plan expenses	961,176	792,362
Total deductions	133,686,711	106,221,600
CHANGE IN NET ASSETS	112,299,938	104,558,045
TRANSFERS INTO THE PLAN	208,710	368,713
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of year	1,208,286,847	1,103,360,089
End of year	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Note 1 – Description of Plan

The following description provides only general information about the Hanford Operations and Engineering Investment Plan (the Plan). Participants should refer to the Plan document, as amended, for a more complete description of Plan provisions.

General – The Plan was established on June 29, 1987, as a multiple employer plan, and it is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The sponsors have issued a restated Plan document, effective April 15, 2021, that reflects all previous Plan amendments and applicable changes in federal legislation. Plan amendments made after the restatement date have been adopted to implement administrative and applicable changes in federal legislation. For the years ended December 31, 2021 and 2020, the Plan sponsors were Mission Support Alliance, LLC, and its subcontractors (Akima Hanford Services, LLC; Dade Moeller & Associates; and Westech International MSA, LLC); Washington River Protection Solutions; CH2M HILL Plateau Remediation Company; and Wastren Advantage Inc. On January 25, 2021, Hanford Mission Integration Solutions, LLC, replaced Mission Support Alliance, LLC, and its subcontractors; Central Plateau Cleanup Company, LLC, replaced CH2M Hill Plateau Remediation Company; Wastren Advantage Inc left the Plan; and Plan sponsors Hanford Lab Management & Integration, LLC, made up of Advanced Technologies & Laboratories and Navarro Research & Engineering, and Northwind Solutions, LLC, were added.

The Pension and Savings Committee (the Plan Committee), appointed by the sponsors, is responsible for the administration of the Plan and includes representatives of the sponsors.

Eligibility – Regular full-time or part-time nonbargaining unit employees are eligible to participate in the Plan the first day of each pay period upon employment.

Contributions – The Plan allows non-highly compensated participants to contribute up to 50% and highly compensated participants to contribute up to 23% of their base earnings on a pre-tax basis, post-tax basis, or a combination thereof. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

The employer matching contributions to each participant’s account is 100% of contribution up to 3% compensation plus 50% of contribution in excess of 3% of compensation but not to exceed 5% of compensation of the contribution made to the Plan by the participant. Hanford Mission Integration Solutions, non-pension eligible employees are not eligible to receive employer match contributions. Central Plateau Cleanup Company LLC employer matching contributions to each participant’s account is 100% of contribution up to 2% of compensation plus 50% of contribution in excess of 2% of compensation but not to exceed 3% of compensation.

For those participants identified as being Non Pension-Eligible employee (employees not accruing benefits under the Hanford Site Pension Plan), the employer will make a non-elective employer contribution, which will be calculated as a fixed percentage of his or her base compensation each pay period. With respect to highly compensated employee participants, such contributions will not become permanently allocated until completion of nondiscrimination testing following the end of the Plan year.

Note 1 – Description of Plan (continued)

Contributions are subject to regulatory limitations under the Internal Revenue Code (IRC). In addition, for compensation received after December 31, 2013, the amount of compensation taken into account for purposes of determining benefits is limited to $75,000 less than the compensation limit under the IRC for the year. For 2021, compensation is limited to $215,000 (the $290,000 IRC limit, as adjusted for inflation in future years, minus $75,000).

Participant accounts – Each participant's account is credited with the participant's contributions and plan sponsor contributions as well as allocations of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct the investment of their account into various investment options offered by the Plan.

Vesting – Participants are vested immediately in their contributions, employer contributions, and earnings thereon.

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. The loans are issued by the Plan and secured by the participants account. Interest on notes receivable from participants is a reasonable rate of interest as determined by the plan administrator and will be fixed for the term of the loan. The term of the loan cannot exceed five years, unless the loan proceeds are used to purchase a primary residence for the participant, in which case the repayment term cannot exceed ten years. In the event of termination of employment, loan balances and accrued interest shall be deducted from the amount of the distribution unless other repayment terms are specified by the Plan document. As of December 31, 2021, the rates of interest on outstanding loans ranged from 4.25%–6.50% with various maturities through February 2031.

Payment of benefits – On termination of service due to death, disability, or retirement, a participant or deceased participant's spouse may elect to receive distributions of his or her account balance in the form of a lump-sum payment or annual or monthly installments until the vested account balance is distributed. A deceased participant's non-spouse beneficiary may take the distribution in the form of a lump-sum payment or they may roll over all or any portion of the distribution to an inherited Individual Retirement Account. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution. Withdrawals of pre-tax contributions before age 59½, for non-early retirement eligible participants, are subject to the hardship provision of the IRC. The Plan allows for the automatic lump sum distribution of participant vested account balances that do not exceed $1,000.

Transfers into the Plan – The Plan allows participants to consolidate their benefit Plan balances between the multiple Plans offered by the Plan sponsor.

Note 2 – Summary of Significant Accounting Policies

Basis of accounting – The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP), using the accrual method of accounting.

Use of estimates – The preparation of financial statements in accordance with U.S. GAAP requires the use of estimates and assumptions that may affect certain amounts and disclosures. Accordingly, actual results could differ from those estimates.

Investment valuation – The investments are reported at fair value. The Plan's trustee, Vanguard Fiduciary Trust Company, certifies the fair value of all investments as of and for the year ended December 31, 2021. If available, quoted market prices are used to value investments.

Fair value is the price that would be received to sell an asset or paid to transfer a liability (the "exit price") in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

Income recognition – Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The net appreciation in fair value of investments consists of both the realized gains and losses and unrealized appreciation and depreciation of those investments.

Notes receivable from participants – Notes receivable from participants are measured and amortized at cost, which represents unpaid principal balance plus accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as distributions upon the occurrence of a distributable event, based on the terms of the Plan document. The allowance for credit losses for deemed distributions allocated has been recorded for $1,300,362 and $1,388,790 as of December 2021 and 2020, respectively.

Payment of benefits – Benefits are recorded when paid.

Plan expenses – Plan expenses are paid by the Plan participants or Plan sponsors. Generally, investment, trustee, legal, and accounting fees are paid by the Plan participants and administrative expenses are paid by the Plan sponsors. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation in fair value of investments.

Plan amendments – The Plan was amended in 2021 to include plan changes associated with the Bipartisan Budget Act of 2018. The amendment eliminated the suspension of elective deferrals for 6 months after a hardship withdrawal.

Note 2 – Summary of Significant Accounting Policies (continued)

Subsequent events – Subsequent events are events or transactions that occur after the statement of net assets available for benefits date but before financial statements are available to be issued. The Plan recognizes in the financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the statement of net assets available for benefits, including the estimates inherent in the process of preparing the financial statements. The Plan's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of net assets available for benefits but arose after the statement of net assets available for benefits date and before financial statements are available to be issued.

The Plan has evaluated subsequent events through September 28, 2022, which is the date the financial statements were available to be issued.

Note 3 – Fair Value Measurements

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities the Plan has the ability to access.

Level 2 – Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used at December 31, 2021 and 2020.

Registered investment companies (mutual funds) – Valued at the daily closing price as reported by the fund. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission.

Note 3 – Fair Value Measurements (continued)

Collective trust – Units held in collective trusts (CT) are valued using the NAV practical expedient of the CT as reported by the CT managers. The NAV practical expedient is based on the fair value of the underlying assets owned by the CT, minus its liabilities, and then divided by the number of units outstanding. The CTs include target date funds and a stable value fund. The CT can be redeemed daily, and there are no redemption restrictions or notice requirements. These funds are direct filing entities; as such, investment strategies have been excluded from these footnote disclosures.

Self-directed brokerage accounts – Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.

The valuation methods used by the Plan may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables disclose the fair value hierarchy of the Plan's assets by level as of December 31, 2021 and 2020:

	Fair Value Measurement at December 31, 2021			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 787,558,109	$ -	$ -	$ 787,558,109
Self-directed brokerage accounts	10,999,504	-	-	10,999,504
Total assets in the fair value hierarchy	$ 798,557,613	$ -	$ -	798,557,613
Investments measured at NAV practical expedient				511,340,970
Investments at fair value				$ 1,309,898,583

	Fair Value Measurement at December 31, 2020			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 716,776,543	$ -	$ -	$ 716,776,543
Self-directed brokerage accounts	8,669,448	-	-	8,669,448
Total assets in the fair value hierarchy	$ 725,445,991	$ -	$ -	725,445,991
Investments measured at NAV practical expedient				471,362,309
Investments at fair value				$ 1,196,808,300

Note 4 – Tax Status

The Plan Committee received its latest determination letter, dated December 31, 2013, in which the Internal Revenue Service stated the Plan, as then designed, is in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the employers and the Plan Committee believe the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

In accordance with guidance on accounting for uncertainty in income taxes, the Plan Committee has evaluated the Plan's tax positions and does not believe the Plan has any uncertain tax positions that require disclosure or adjustment to 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.

Note 5 – Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. It is reasonably possible, given the level of risk associated with investment securities, that changes in the values of the investments in the near term could materially affect a participant's account balance and the amounts reported in the statements of net assets available for benefits.

Plan sponsors may from time to time engage in labor negotiations, the results of which may have a financial impact on the Plan.

Note 6 – Plan Termination

Although it has not expressed any intention to do so, the Operations and Engineering Investment Plan Committee has the right to terminate the Plan and discontinue employer contributions at any time, subject to the provisions of ERISA.

Note 7 – Party-in-Interest Transactions

Certain Plan investments are shares of registered investment companies and units of a common/collective fund managed by the Vanguard Group. The Vanguard Group is an affiliate of the Vanguard Fiduciary Trust Company, trustee, and, therefore, these transactions qualify as exempt party-in-interest transactions.

Note 8 – Information Certified by the Trustee

During 2021, the Plan administrator elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Vanguard Fiduciary Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of:

- Investments and notes receivable, from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2021.

- Net appreciation in fair value of investments, dividends, interest, and interest income on notes receivable from participants reflected on the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2021.

- Investments reflected on the schedule of assets (held at end of year).

Note 9 – Reconciliation to Form 5500

Form 5500 has certain items that differ from amounts shown on the accompanying financial statements. These differences relate to classification only and have no effect upon net assets available for benefits for either period.

Note 10 – Delinquent Participant Contributions

As disclosed in the accompanying supplemental schedule, certain employee deferrals were not remitted to the Plan within the timeframe required by the Department of Labor. The Company has determined the amount of related lost earnings and has remitted these amounts to participants’ accounts subsequent to year end.

Supplemental Schedules
Required by the Department of Labor

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
	Amer Beacon:Sm Cp Val;Inst	Registered Investment Company	**	$ 12,346,151
	Amer Funds EuroPacific Gr	Registered Investment Company	**	38,072,931
	AF InvestmentCo AmericaR6	Registered Investment Company	**	73,532,844
	DFA Emerg Mkts Val Portf	Registered Investment Company	**	4,942,589
	Dodge & Cox Balanced Fund	Registered Investment Company	**	48,229,136
	Hotchkis Mid Cap Value	Registered Investment Company	**	15,297,316
	Met West Total Ret Bond P	Registered Investment Company	**	39,515,990
*	Vanguard Capital Opp Admiral	Registered Investment Company	**	111,476,261
*	Vanguard Explorer Adm	Registered Investment Company	**	21,637,211
*	Vanguard Fed Money Mkt	Registered Investment Company	**	415,061
*	Vanguard Infla-Prot Sec Instl	Registered Investment Company	**	20,448,080
*	Vanguard Inst Idx Inst Plus	Registered Investment Company	**	114,827,306
*	Vanguard Md-Cap Index Fund Ins	Registered Investment Company	**	23,060,780
*	Vanguard PRIMECAP Adm	Registered Investment Company	**	141,256,315
*	Vanguard Sm-Cap Index Fund Ins	Registered Investment Company	**	27,822,818
*	Vanguard Total Bond Idx Inst	Registered Investment Company	**	61,023,048
*	Vanguard Total Intl Stk Inst	Registered Investment Company	**	33,654,272
*	Vanguard Retirement Savings Trust II	Collective Trust	**	134,937,635
*	Vanguard Tgt Retire 2015 Tr II	Collective Trust	**	24,807,945
*	Vanguard Tgt Retire 2020 Tr II	Collective Trust	**	44,372,720
*	Vanguard Tgt Retire 2025 Tr II	Collective Trust	**	76,618,915
*	Vanguard Tgt Retire 2030 Tr II	Collective Trust	**	58,903,328
*	Vanguard Tgt Retire 2035 Tr II	Collective Trust	**	49,953,968
*	Vanguard Tgt Retire 2040 Tr II	Collective Trust	**	29,229,714
*	Vanguard Tgt Retire 2045 Tr II	Collective Trust	**	35,653,515

(continued)

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
*	Vanguard Tgt Retire 2050 Tr II	Collective Trust	**	24,437,822
*	Vanguard Tgt Retire 2055 Tr II	Collective Trust	**	12,249,719
*	Vanguard Tgt Retire 2060 Tr II	Collective Trust	**	5,852,915
*	Vanguard Tgt Retire 2065 Tr II	Collective Trust	**	823,011
*	Vanguard Tgt Retire Inc Tr II	Collective Trust	**	13,499,763
*	Self-Directed Brokerage Fund	Self-Directed Brokerage Fund	**	10,999,504
*	Loan Fund	Interest rates ranging from 4.25% - 6.50%, maturing February 2031	-	9,607,653
				$ 1,319,506,236

* Party-in-interest as defined by ERISA
** Cost information not required for participant-directed investments

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(a) – Schedule of Delinquent Participant Contributions
Year Ended December 31, 2021

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions: Contributions Not Corrected	Total that Constitute Nonexempt Prohibited Transactions: Contributions Corrected Outside VFCP	Total that Constitute Nonexempt Prohibited Transactions: Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
Check here if Late Participant Loan Repayments are included: ☐	$ 19,585	$ -	$ -	$ -


MOSSADAMS

Attachment to 2021 Form 5500
Form 5500 Multiple Employer Plan Participating Employer Information

Plan Name	Hanford Operations and Engineering Investment Plan	**EIN:**	90-0501441
Plan Sponsor's Name	Hanford Site	**PN:**	002

Name of participating employer	EIN	Percent of Total Contributions	Aggregate Account balance
Wastren Advantage, Inc.	82-0448833	0.04%	$488,698
Washington River Protection Solutions	26-0771181	45.04%	$594,891,292
CH2M Hill Plateau Remediation Company	77-0694488	3.49%	$46,096,150
Mission Support Alliance, LLC	30-0419594	2.59%	$34,208,891
Dade Moller & Associates	27-0470310	0.003%	$39,624
Hanford Lab Management and Integration, LLC	83-3872298	0.88%	$11,623,098
Central Plateau Cleanup Company, LLC	83-1693373	29.23%	$386,071,769
Hanford Mission Integration Solutions, LLC	83-0947948	18.65%	$246,330,431
Northwind Solutions, LLC	80-0651341	0.08%	$1,056,645

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
- [X] 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:
- [X] 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
Hanford Operations and Engineering Investment Plan

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 06/29/1987

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)
Hanford Site

PO Box 943 MSIN H3 08
1981 Snyder
Richland WA 99352

2b Employer Identification Number (EIN) 90-0501441

2c Plan Sponsor's telephone number (509)372-3323

2d Business code (see instructions) 562000

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	Kelly Custer on behalf of plan administrator	10/6/22	Kelly Custer
	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



REPORT OF INDEPENDENT AUDITORS
AND FINANCIAL STATEMENTS
WITH SUPPLEMENTAL SCHEDULES

HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

December 31, 2021 and 2020

MOSSADAMS

Table of Contents

	PAGE
Report of Independent Auditors	1–4
Financial Statements	
Statements of net assets available for benefits	5
Statements of changes in net assets available for benefits	6
Notes to financial statements	7–13
Supplemental Schedules Required by the Department of Labor	
Schedule H, line 4(i) – schedule of assets (held at end of year)	14–15
Schedule H, line 4(a) – schedule of delinquent participant contributions	16

MOSSADAMS

Report of Independent Auditors

Pension and Savings Committee
Hanford Operations and Engineering Investment Plan

Report on the Audit of the Financial Statements

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

We have performed an audit of the financial statements of Hanford Operations and Engineering Investment 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 changes 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 2021 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 a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 8 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 2021 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 (GAAP).
- the information in the accompanying 2021 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 Hanford Operations and Engineering Investment 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 GAAP, 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 Hanford Operations and Engineering Investment Plan's ability to continue as a going concern within one year after the date that 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 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 Hanford Operations and Engineering Investment 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 Hanford Operations and Engineering Investment 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 2021 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 GAAP.

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 GAAP.

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 Matters

Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule of Assets (held at end of year) and Schedule of delinquent participant contributions as of and for the year ended December 31, 2021, are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to the 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 schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are 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 schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA.
- the information in the supplemental schedules 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).

Auditor's Report on the 2020 Financial Statements

We have audited the statement of net assets available for benefits of Hanford Operations and Engineering Investment Plan as of December 31, 2020, and the related statement of changes in net assets available for benefits for the year then ended, and in our report dated September 9, 2021, we expressed an unmodified opinion on those financial statements.

Moss Adams LLP

Yakima, Washington
September 28, 2022

Hanford Operations and Engineering Investment Plan
Statements of Net Assets Available for Benefits

	December 31, 2021	December 31, 2020
ASSETS		
Investments, at fair value		
Registered investment companies	$ 787,558,109	$ 716,776,543
Self-directed brokerage accounts	10,999,504	8,669,448
Collective trusts	511,340,970	471,362,309
	1,309,898,583	1,196,808,300
Receivables		
Notes receivable from participants, net	9,607,653	10,217,529
Contributions	1,333,944	1,310,763
	10,941,597	11,528,292
TOTAL ASSETS	1,320,840,180	1,208,336,592
LIABILITIES		
Accrued expenses	44,685	49,745
NET ASSETS AVAILABLE FOR BENEFITS	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Hanford Operations and Engineering Investment Plan
Statements of Changes in Net Assets Available for Benefits

	Years Ended December 31, 2021	Years Ended December 31, 2020
ADDITIONS TO NET ASSETS ATTRIBUTED TO		
Investment income		
Net appreciation in fair value of investments	$ 107,653,338	$ 101,169,350
Interest and dividends	53,818,579	37,902,355
	161,471,917	139,071,705
Interest income on notes receivable from participants	521,965	642,288
Contributions		
Participant	59,941,592	46,656,093
Employer	24,051,175	24,409,559
	83,992,767	71,065,652
Total additions	245,986,649	210,779,645
DEDUCTIONS FROM NET ASSETS ATTRIBUTABLE TO		
Benefits paid to participants	132,725,535	105,429,238
Plan expenses	961,176	792,362
Total deductions	133,686,711	106,221,600
CHANGE IN NET ASSETS	112,299,938	104,558,045
TRANSFERS INTO THE PLAN	208,710	368,713
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of year	1,208,286,847	1,103,360,089
End of year	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Note 1 – Description of Plan

The following description provides only general information about the Hanford Operations and Engineering Investment Plan (the Plan). Participants should refer to the Plan document, as amended, for a more complete description of Plan provisions.

General – The Plan was established on June 29, 1987, as a multiple employer plan, and it is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The sponsors have issued a restated Plan document, effective April 15, 2021, that reflects all previous Plan amendments and applicable changes in federal legislation. Plan amendments made after the restatement date have been adopted to implement administrative and applicable changes in federal legislation. For the years ended December 31, 2021 and 2020, the Plan sponsors were Mission Support Alliance, LLC, and its subcontractors (Akima Hanford Services, LLC; Dade Moeller & Associates; and Westech International MSA, LLC); Washington River Protection Solutions; CH2M HILL Plateau Remediation Company; and Wastren Advantage Inc. On January 25, 2021, Hanford Mission Integration Solutions, LLC, replaced Mission Support Alliance, LLC, and its subcontractors; Central Plateau Cleanup Company, LLC, replaced CH2M Hill Plateau Remediation Company; Wastren Advantage Inc left the Plan; and Plan sponsors Hanford Lab Management & Integration, LLC, made up of Advanced Technologies & Laboratories and Navarro Research & Engineering, and Northwind Solutions, LLC, were added.

The Pension and Savings Committee (the Plan Committee), appointed by the sponsors, is responsible for the administration of the Plan and includes representatives of the sponsors.

Eligibility – Regular full-time or part-time nonbargaining unit employees are eligible to participate in the Plan the first day of each pay period upon employment.

Contributions – The Plan allows non-highly compensated participants to contribute up to 50% and highly compensated participants to contribute up to 23% of their base earnings on a pre-tax basis, post-tax basis, or a combination thereof. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

The employer matching contributions to each participant’s account is 100% of contribution up to 3% compensation plus 50% of contribution in excess of 3% of compensation but not to exceed 5% of compensation of the contribution made to the Plan by the participant. Hanford Mission Integration Solutions, non-pension eligible employees are not eligible to receive employer match contributions. Central Plateau Cleanup Company LLC employer matching contributions to each participant’s account is 100% of contribution up to 2% of compensation plus 50% of contribution in excess of 2% of compensation but not to exceed 3% of compensation.

For those participants identified as being Non Pension-Eligible employee (employees not accruing benefits under the Hanford Site Pension Plan), the employer will make a non-elective employer contribution, which will be calculated as a fixed percentage of his or her base compensation each pay period. With respect to highly compensated employee participants, such contributions will not become permanently allocated until completion of nondiscrimination testing following the end of the Plan year.

Note 1 – Description of Plan (continued)

Contributions are subject to regulatory limitations under the Internal Revenue Code (IRC). In addition, for compensation received after December 31, 2013, the amount of compensation taken into account for purposes of determining benefits is limited to $75,000 less than the compensation limit under the IRC for the year. For 2021, compensation is limited to $215,000 (the $290,000 IRC limit, as adjusted for inflation in future years, minus $75,000).

Participant accounts – Each participant's account is credited with the participant's contributions and plan sponsor contributions as well as allocations of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct the investment of their account into various investment options offered by the Plan.

Vesting – Participants are vested immediately in their contributions, employer contributions, and earnings thereon.

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. The loans are issued by the Plan and secured by the participants account. Interest on notes receivable from participants is a reasonable rate of interest as determined by the plan administrator and will be fixed for the term of the loan. The term of the loan cannot exceed five years, unless the loan proceeds are used to purchase a primary residence for the participant, in which case the repayment term cannot exceed ten years. In the event of termination of employment, loan balances and accrued interest shall be deducted from the amount of the distribution unless other repayment terms are specified by the Plan document. As of December 31, 2021, the rates of interest on outstanding loans ranged from 4.25%–6.50% with various maturities through February 2031.

Payment of benefits – On termination of service due to death, disability, or retirement, a participant or deceased participant's spouse may elect to receive distributions of his or her account balance in the form of a lump-sum payment or annual or monthly installments until the vested account balance is distributed. A deceased participant's non-spouse beneficiary may take the distribution in the form of a lump-sum payment or they may roll over all or any portion of the distribution to an inherited Individual Retirement Account. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution. Withdrawals of pre-tax contributions before age 59½, for non-early retirement eligible participants, are subject to the hardship provision of the IRC. The Plan allows for the automatic lump sum distribution of participant vested account balances that do not exceed $1,000.

Transfers into the Plan – The Plan allows participants to consolidate their benefit Plan balances between the multiple Plans offered by the Plan sponsor.

Note 2 – Summary of Significant Accounting Policies

Basis of accounting – The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP), using the accrual method of accounting.

Use of estimates – The preparation of financial statements in accordance with U.S. GAAP requires the use of estimates and assumptions that may affect certain amounts and disclosures. Accordingly, actual results could differ from those estimates.

Investment valuation – The investments are reported at fair value. The Plan's trustee, Vanguard Fiduciary Trust Company, certifies the fair value of all investments as of and for the year ended December 31, 2021. If available, quoted market prices are used to value investments.

Fair value is the price that would be received to sell an asset or paid to transfer a liability (the "exit price") in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

Income recognition – Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The net appreciation in fair value of investments consists of both the realized gains and losses and unrealized appreciation and depreciation of those investments.

Notes receivable from participants – Notes receivable from participants are measured and amortized at cost, which represents unpaid principal balance plus accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as distributions upon the occurrence of a distributable event, based on the terms of the Plan document. The allowance for credit losses for deemed distributions allocated has been recorded for $1,300,362 and $1,388,790 as of December 2021 and 2020, respectively.

Payment of benefits – Benefits are recorded when paid.

Plan expenses – Plan expenses are paid by the Plan participants or Plan sponsors. Generally, investment, trustee, legal, and accounting fees are paid by the Plan participants and administrative expenses are paid by the Plan sponsors. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation in fair value of investments.

Plan amendments – The Plan was amended in 2021 to include plan changes associated with the Bipartisan Budget Act of 2018. The amendment eliminated the suspension of elective deferrals for 6 months after a hardship withdrawal.

Note 2 – Summary of Significant Accounting Policies (continued)

Subsequent events – Subsequent events are events or transactions that occur after the statement of net assets available for benefits date but before financial statements are available to be issued. The Plan recognizes in the financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the statement of net assets available for benefits, including the estimates inherent in the process of preparing the financial statements. The Plan's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of net assets available for benefits but arose after the statement of net assets available for benefits date and before financial statements are available to be issued.

The Plan has evaluated subsequent events through September 28, 2022, which is the date the financial statements were available to be issued.

Note 3 – Fair Value Measurements

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities the Plan has the ability to access.

Level 2 – Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used at December 31, 2021 and 2020.

Registered investment companies (mutual funds) – Valued at the daily closing price as reported by the fund. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission.

Note 3 – Fair Value Measurements (continued)

Collective trust – Units held in collective trusts (CT) are valued using the NAV practical expedient of the CT as reported by the CT managers. The NAV practical expedient is based on the fair value of the underlying assets owned by the CT, minus its liabilities, and then divided by the number of units outstanding. The CTs include target date funds and a stable value fund. The CT can be redeemed daily, and there are no redemption restrictions or notice requirements. These funds are direct filing entities; as such, investment strategies have been excluded from these footnote disclosures.

Self-directed brokerage accounts – Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.

The valuation methods used by the Plan may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables disclose the fair value hierarchy of the Plan's assets by level as of December 31, 2021 and 2020:

	Fair Value Measurement at December 31, 2021			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 787,558,109	$ -	$ -	$ 787,558,109
Self-directed brokerage accounts	10,999,504	-	-	10,999,504
Total assets in the fair value hierarchy	$ 798,557,613	$ -	$ -	798,557,613
Investments measured at NAV practical expedient				511,340,970
Investments at fair value				$ 1,309,898,583

	Fair Value Measurement at December 31, 2020			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 716,776,543	$ -	$ -	$ 716,776,543
Self-directed brokerage accounts	8,669,448	-	-	8,669,448
Total assets in the fair value hierarchy	$ 725,445,991	$ -	$ -	725,445,991
Investments measured at NAV practical expedient				471,362,309
Investments at fair value				$ 1,196,808,300

Note 4 – Tax Status

The Plan Committee received its latest determination letter, dated December 31, 2013, in which the Internal Revenue Service stated the Plan, as then designed, is in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the employers and the Plan Committee believe the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

In accordance with guidance on accounting for uncertainty in income taxes, the Plan Committee has evaluated the Plan's tax positions and does not believe the Plan has any uncertain tax positions that require disclosure or adjustment to 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.

Note 5 – Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. It is reasonably possible, given the level of risk associated with investment securities, that changes in the values of the investments in the near term could materially affect a participant's account balance and the amounts reported in the statements of net assets available for benefits.

Plan sponsors may from time to time engage in labor negotiations, the results of which may have a financial impact on the Plan.

Note 6 – Plan Termination

Although it has not expressed any intention to do so, the Operations and Engineering Investment Plan Committee has the right to terminate the Plan and discontinue employer contributions at any time, subject to the provisions of ERISA.

Note 7 – Party-in-Interest Transactions

Certain Plan investments are shares of registered investment companies and units of a common/collective fund managed by the Vanguard Group. The Vanguard Group is an affiliate of the Vanguard Fiduciary Trust Company, trustee, and, therefore, these transactions qualify as exempt party-in-interest transactions.

Note 8 – Information Certified by the Trustee

During 2021, the Plan administrator elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Vanguard Fiduciary Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of:

- Investments and notes receivable, from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2021.

- Net appreciation in fair value of investments, dividends, interest, and interest income on notes receivable from participants reflected on the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2021.

- Investments reflected on the schedule of assets (held at end of year).

Note 9 – Reconciliation to Form 5500

Form 5500 has certain items that differ from amounts shown on the accompanying financial statements. These differences relate to classification only and have no effect upon net assets available for benefits for either period.

Note 10 – Delinquent Participant Contributions

As disclosed in the accompanying supplemental schedule, certain employee deferrals were not remitted to the Plan within the timeframe required by the Department of Labor. The Company has determined the amount of related lost earnings and has remitted these amounts to participants’ accounts subsequent to year end.

Supplemental Schedules
Required by the Department of Labor

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
	Amer Beacon:Sm Cp Val;Inst	Registered Investment Company	**	$ 12,346,151
	Amer Funds EuroPacific Gr	Registered Investment Company	**	38,072,931
	AF InvestmentCo AmericaR6	Registered Investment Company	**	73,532,844
	DFA Emerg Mkts Val Portf	Registered Investment Company	**	4,942,589
	Dodge & Cox Balanced Fund	Registered Investment Company	**	48,229,136
	Hotchkis Mid Cap Value	Registered Investment Company	**	15,297,316
	Met West Total Ret Bond P	Registered Investment Company	**	39,515,990
*	Vanguard Capital Opp Admiral	Registered Investment Company	**	111,476,261
*	Vanguard Explorer Adm	Registered Investment Company	**	21,637,211
*	Vanguard Fed Money Mkt	Registered Investment Company	**	415,061
*	Vanguard Infla-Prot Sec Instl	Registered Investment Company	**	20,448,080
*	Vanguard Inst Idx Inst Plus	Registered Investment Company	**	114,827,306
*	Vanguard Md-Cap Index Fund Ins	Registered Investment Company	**	23,060,780
*	Vanguard PRIMECAP Adm	Registered Investment Company	**	141,256,315
*	Vanguard Sm-Cap Index Fund Ins	Registered Investment Company	**	27,822,818
*	Vanguard Total Bond Idx Inst	Registered Investment Company	**	61,023,048
*	Vanguard Total Intl Stk Inst	Registered Investment Company	**	33,654,272
*	Vanguard Retirement Savings Trust II	Collective Trust	**	134,937,635
*	Vanguard Tgt Retire 2015 Tr II	Collective Trust	**	24,807,945
*	Vanguard Tgt Retire 2020 Tr II	Collective Trust	**	44,372,720
*	Vanguard Tgt Retire 2025 Tr II	Collective Trust	**	76,618,915
*	Vanguard Tgt Retire 2030 Tr II	Collective Trust	**	58,903,328
*	Vanguard Tgt Retire 2035 Tr II	Collective Trust	**	49,953,968
*	Vanguard Tgt Retire 2040 Tr II	Collective Trust	**	29,229,714
*	Vanguard Tgt Retire 2045 Tr II	Collective Trust	**	35,653,515

(continued)

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
*	Vanguard Tgt Retire 2050 Tr II	Collective Trust	**	24,437,822
*	Vanguard Tgt Retire 2055 Tr II	Collective Trust	**	12,249,719
*	Vanguard Tgt Retire 2060 Tr II	Collective Trust	**	5,852,915
*	Vanguard Tgt Retire 2065 Tr II	Collective Trust	**	823,011
*	Vanguard Tgt Retire Inc Tr II	Collective Trust	**	13,499,763
*	Self-Directed Brokerage Fund	Self-Directed Brokerage Fund	**	10,999,504
*	Loan Fund	Interest rates ranging from 4.25% - 6.50%, maturing February 2031	-	9,607,653
				$ 1,319,506,236

* Party-in-interest as defined by ERISA
** Cost information not required for participant-directed investments

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(a) – Schedule of Delinquent Participant Contributions
Year Ended December 31, 2021

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions: Contributions Not Corrected	Total that Constitute Nonexempt Prohibited Transactions: Contributions Corrected Outside VFCP	Total that Constitute Nonexempt Prohibited Transactions: Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
Check here if Late Participant Loan Repayments are included: ☐	$ 19,585	$ -	$ -	$ -


MOSSADAMS



REPORT OF INDEPENDENT AUDITORS
AND FINANCIAL STATEMENTS
WITH SUPPLEMENTAL SCHEDULES

HANFORD OPERATIONS AND ENGINEERING INVESTMENT PLAN

December 31, 2021 and 2020

MOSSADAMS

Table of Contents

	PAGE
Report of Independent Auditors	1–4
Financial Statements	
Statements of net assets available for benefits	5
Statements of changes in net assets available for benefits	6
Notes to financial statements	7–13
Supplemental Schedules Required by the Department of Labor	
Schedule H, line 4(i) – schedule of assets (held at end of year)	14–15
Schedule H, line 4(a) – schedule of delinquent participant contributions	16

MOSSADAMS

Report of Independent Auditors

Pension and Savings Committee
Hanford Operations and Engineering Investment Plan

Report on the Audit of the Financial Statements

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

We have performed an audit of the financial statements of Hanford Operations and Engineering Investment 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 changes 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 2021 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 a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 8 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 2021 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 (GAAP).
- the information in the accompanying 2021 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 Hanford Operations and Engineering Investment 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 GAAP, 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 Hanford Operations and Engineering Investment Plan's ability to continue as a going concern within one year after the date that 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 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 Hanford Operations and Engineering Investment 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 Hanford Operations and Engineering Investment 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 2021 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 GAAP.

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 GAAP.

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 Matters

Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule of Assets (held at end of year) and Schedule of delinquent participant contributions as of and for the year ended December 31, 2021, are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to the 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 schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are 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 schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA.
- the information in the supplemental schedules 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).

Auditor's Report on the 2020 Financial Statements

We have audited the statement of net assets available for benefits of Hanford Operations and Engineering Investment Plan as of December 31, 2020, and the related statement of changes in net assets available for benefits for the year then ended, and in our report dated September 9, 2021, we expressed an unmodified opinion on those financial statements.

Moss Adams LLP

Yakima, Washington
September 28, 2022

Hanford Operations and Engineering Investment Plan
Statements of Net Assets Available for Benefits

	December 31, 2021	December 31, 2020
ASSETS		
Investments, at fair value		
Registered investment companies	$ 787,558,109	$ 716,776,543
Self-directed brokerage accounts	10,999,504	8,669,448
Collective trusts	511,340,970	471,362,309
	1,309,898,583	1,196,808,300
Receivables		
Notes receivable from participants, net	9,607,653	10,217,529
Contributions	1,333,944	1,310,763
	10,941,597	11,528,292
TOTAL ASSETS	1,320,840,180	1,208,336,592
LIABILITIES		
Accrued expenses	44,685	49,745
NET ASSETS AVAILABLE FOR BENEFITS	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Hanford Operations and Engineering Investment Plan
Statements of Changes in Net Assets Available for Benefits

	Years Ended December 31, 2021	Years Ended December 31, 2020
ADDITIONS TO NET ASSETS ATTRIBUTED TO		
Investment income		
Net appreciation in fair value of investments	$ 107,653,338	$ 101,169,350
Interest and dividends	53,818,579	37,902,355
	161,471,917	139,071,705
Interest income on notes receivable from participants	521,965	642,288
Contributions		
Participant	59,941,592	46,656,093
Employer	24,051,175	24,409,559
	83,992,767	71,065,652
Total additions	245,986,649	210,779,645
DEDUCTIONS FROM NET ASSETS ATTRIBUTABLE TO		
Benefits paid to participants	132,725,535	105,429,238
Plan expenses	961,176	792,362
Total deductions	133,686,711	106,221,600
CHANGE IN NET ASSETS	112,299,938	104,558,045
TRANSFERS INTO THE PLAN	208,710	368,713
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of year	1,208,286,847	1,103,360,089
End of year	$ 1,320,795,495	$ 1,208,286,847

See accompanying notes.

Note 1 – Description of Plan

The following description provides only general information about the Hanford Operations and Engineering Investment Plan (the Plan). Participants should refer to the Plan document, as amended, for a more complete description of Plan provisions.

General – The Plan was established on June 29, 1987, as a multiple employer plan, and it is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The sponsors have issued a restated Plan document, effective April 15, 2021, that reflects all previous Plan amendments and applicable changes in federal legislation. Plan amendments made after the restatement date have been adopted to implement administrative and applicable changes in federal legislation. For the years ended December 31, 2021 and 2020, the Plan sponsors were Mission Support Alliance, LLC, and its subcontractors (Akima Hanford Services, LLC; Dade Moeller & Associates; and Westech International MSA, LLC); Washington River Protection Solutions; CH2M HILL Plateau Remediation Company; and Wastren Advantage Inc. On January 25, 2021, Hanford Mission Integration Solutions, LLC, replaced Mission Support Alliance, LLC, and its subcontractors; Central Plateau Cleanup Company, LLC, replaced CH2M Hill Plateau Remediation Company; Wastren Advantage Inc left the Plan; and Plan sponsors Hanford Lab Management & Integration, LLC, made up of Advanced Technologies & Laboratories and Navarro Research & Engineering, and Northwind Solutions, LLC, were added.

The Pension and Savings Committee (the Plan Committee), appointed by the sponsors, is responsible for the administration of the Plan and includes representatives of the sponsors.

Eligibility – Regular full-time or part-time nonbargaining unit employees are eligible to participate in the Plan the first day of each pay period upon employment.

Contributions – The Plan allows non-highly compensated participants to contribute up to 50% and highly compensated participants to contribute up to 23% of their base earnings on a pre-tax basis, post-tax basis, or a combination thereof. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

The employer matching contributions to each participant’s account is 100% of contribution up to 3% compensation plus 50% of contribution in excess of 3% of compensation but not to exceed 5% of compensation of the contribution made to the Plan by the participant. Hanford Mission Integration Solutions, non-pension eligible employees are not eligible to receive employer match contributions. Central Plateau Cleanup Company LLC employer matching contributions to each participant’s account is 100% of contribution up to 2% of compensation plus 50% of contribution in excess of 2% of compensation but not to exceed 3% of compensation.

For those participants identified as being Non Pension-Eligible employee (employees not accruing benefits under the Hanford Site Pension Plan), the employer will make a non-elective employer contribution, which will be calculated as a fixed percentage of his or her base compensation each pay period. With respect to highly compensated employee participants, such contributions will not become permanently allocated until completion of nondiscrimination testing following the end of the Plan year.

Note 1 – Description of Plan (continued)

Contributions are subject to regulatory limitations under the Internal Revenue Code (IRC). In addition, for compensation received after December 31, 2013, the amount of compensation taken into account for purposes of determining benefits is limited to $75,000 less than the compensation limit under the IRC for the year. For 2021, compensation is limited to $215,000 (the $290,000 IRC limit, as adjusted for inflation in future years, minus $75,000).

Participant accounts – Each participant's account is credited with the participant's contributions and plan sponsor contributions as well as allocations of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct the investment of their account into various investment options offered by the Plan.

Vesting – Participants are vested immediately in their contributions, employer contributions, and earnings thereon.

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. The loans are issued by the Plan and secured by the participants account. Interest on notes receivable from participants is a reasonable rate of interest as determined by the plan administrator and will be fixed for the term of the loan. The term of the loan cannot exceed five years, unless the loan proceeds are used to purchase a primary residence for the participant, in which case the repayment term cannot exceed ten years. In the event of termination of employment, loan balances and accrued interest shall be deducted from the amount of the distribution unless other repayment terms are specified by the Plan document. As of December 31, 2021, the rates of interest on outstanding loans ranged from 4.25%–6.50% with various maturities through February 2031.

Payment of benefits – On termination of service due to death, disability, or retirement, a participant or deceased participant's spouse may elect to receive distributions of his or her account balance in the form of a lump-sum payment or annual or monthly installments until the vested account balance is distributed. A deceased participant's non-spouse beneficiary may take the distribution in the form of a lump-sum payment or they may roll over all or any portion of the distribution to an inherited Individual Retirement Account. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution. Withdrawals of pre-tax contributions before age 59½, for non-early retirement eligible participants, are subject to the hardship provision of the IRC. The Plan allows for the automatic lump sum distribution of participant vested account balances that do not exceed $1,000.

Transfers into the Plan – The Plan allows participants to consolidate their benefit Plan balances between the multiple Plans offered by the Plan sponsor.

Note 2 – Summary of Significant Accounting Policies

Basis of accounting – The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP), using the accrual method of accounting.

Use of estimates – The preparation of financial statements in accordance with U.S. GAAP requires the use of estimates and assumptions that may affect certain amounts and disclosures. Accordingly, actual results could differ from those estimates.

Investment valuation – The investments are reported at fair value. The Plan's trustee, Vanguard Fiduciary Trust Company, certifies the fair value of all investments as of and for the year ended December 31, 2021. If available, quoted market prices are used to value investments.

Fair value is the price that would be received to sell an asset or paid to transfer a liability (the "exit price") in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

Income recognition – Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The net appreciation in fair value of investments consists of both the realized gains and losses and unrealized appreciation and depreciation of those investments.

Notes receivable from participants – Notes receivable from participants are measured and amortized at cost, which represents unpaid principal balance plus accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as distributions upon the occurrence of a distributable event, based on the terms of the Plan document. The allowance for credit losses for deemed distributions allocated has been recorded for $1,300,362 and $1,388,790 as of December 2021 and 2020, respectively.

Payment of benefits – Benefits are recorded when paid.

Plan expenses – Plan expenses are paid by the Plan participants or Plan sponsors. Generally, investment, trustee, legal, and accounting fees are paid by the Plan participants and administrative expenses are paid by the Plan sponsors. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation in fair value of investments.

Plan amendments – The Plan was amended in 2021 to include plan changes associated with the Bipartisan Budget Act of 2018. The amendment eliminated the suspension of elective deferrals for 6 months after a hardship withdrawal.

Note 2 – Summary of Significant Accounting Policies (continued)

Subsequent events – Subsequent events are events or transactions that occur after the statement of net assets available for benefits date but before financial statements are available to be issued. The Plan recognizes in the financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the statement of net assets available for benefits, including the estimates inherent in the process of preparing the financial statements. The Plan's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of net assets available for benefits but arose after the statement of net assets available for benefits date and before financial statements are available to be issued.

The Plan has evaluated subsequent events through September 28, 2022, which is the date the financial statements were available to be issued.

Note 3 – Fair Value Measurements

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities the Plan has the ability to access.

Level 2 – Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used at December 31, 2021 and 2020.

Registered investment companies (mutual funds) – Valued at the daily closing price as reported by the fund. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission.

Note 3 – Fair Value Measurements (continued)

Collective trust – Units held in collective trusts (CT) are valued using the NAV practical expedient of the CT as reported by the CT managers. The NAV practical expedient is based on the fair value of the underlying assets owned by the CT, minus its liabilities, and then divided by the number of units outstanding. The CTs include target date funds and a stable value fund. The CT can be redeemed daily, and there are no redemption restrictions or notice requirements. These funds are direct filing entities; as such, investment strategies have been excluded from these footnote disclosures.

Self-directed brokerage accounts – Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.

The valuation methods used by the Plan may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables disclose the fair value hierarchy of the Plan's assets by level as of December 31, 2021 and 2020:

	Fair Value Measurement at December 31, 2021			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 787,558,109	$ -	$ -	$ 787,558,109
Self-directed brokerage accounts	10,999,504	-	-	10,999,504
Total assets in the fair value hierarchy	$ 798,557,613	$ -	$ -	798,557,613
Investments measured at NAV practical expedient				511,340,970
Investments at fair value				$ 1,309,898,583

	Fair Value Measurement at December 31, 2020			
	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 716,776,543	$ -	$ -	$ 716,776,543
Self-directed brokerage accounts	8,669,448	-	-	8,669,448
Total assets in the fair value hierarchy	$ 725,445,991	$ -	$ -	725,445,991
Investments measured at NAV practical expedient				471,362,309
Investments at fair value				$ 1,196,808,300

Note 4 – Tax Status

The Plan Committee received its latest determination letter, dated December 31, 2013, in which the Internal Revenue Service stated the Plan, as then designed, is in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the employers and the Plan Committee believe the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

In accordance with guidance on accounting for uncertainty in income taxes, the Plan Committee has evaluated the Plan's tax positions and does not believe the Plan has any uncertain tax positions that require disclosure or adjustment to 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.

Note 5 – Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. It is reasonably possible, given the level of risk associated with investment securities, that changes in the values of the investments in the near term could materially affect a participant's account balance and the amounts reported in the statements of net assets available for benefits.

Plan sponsors may from time to time engage in labor negotiations, the results of which may have a financial impact on the Plan.

Note 6 – Plan Termination

Although it has not expressed any intention to do so, the Operations and Engineering Investment Plan Committee has the right to terminate the Plan and discontinue employer contributions at any time, subject to the provisions of ERISA.

Note 7 – Party-in-Interest Transactions

Certain Plan investments are shares of registered investment companies and units of a common/collective fund managed by the Vanguard Group. The Vanguard Group is an affiliate of the Vanguard Fiduciary Trust Company, trustee, and, therefore, these transactions qualify as exempt party-in-interest transactions.

Note 8 – Information Certified by the Trustee

During 2021, the Plan administrator elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Vanguard Fiduciary Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of:

- Investments and notes receivable, from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2021.

- Net appreciation in fair value of investments, dividends, interest, and interest income on notes receivable from participants reflected on the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2021.

- Investments reflected on the schedule of assets (held at end of year).

Note 9 – Reconciliation to Form 5500

Form 5500 has certain items that differ from amounts shown on the accompanying financial statements. These differences relate to classification only and have no effect upon net assets available for benefits for either period.

Note 10 – Delinquent Participant Contributions

As disclosed in the accompanying supplemental schedule, certain employee deferrals were not remitted to the Plan within the timeframe required by the Department of Labor. The Company has determined the amount of related lost earnings and has remitted these amounts to participants’ accounts subsequent to year end.

Supplemental Schedules
Required by the Department of Labor

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
	Amer Beacon:Sm Cp Val;Inst	Registered Investment Company	**	$ 12,346,151
	Amer Funds EuroPacific Gr	Registered Investment Company	**	38,072,931
	AF InvestmentCo AmericaR6	Registered Investment Company	**	73,532,844
	DFA Emerg Mkts Val Portf	Registered Investment Company	**	4,942,589
	Dodge & Cox Balanced Fund	Registered Investment Company	**	48,229,136
	Hotchkis Mid Cap Value	Registered Investment Company	**	15,297,316
	Met West Total Ret Bond P	Registered Investment Company	**	39,515,990
*	Vanguard Capital Opp Admiral	Registered Investment Company	**	111,476,261
*	Vanguard Explorer Adm	Registered Investment Company	**	21,637,211
*	Vanguard Fed Money Mkt	Registered Investment Company	**	415,061
*	Vanguard Infla-Prot Sec Instl	Registered Investment Company	**	20,448,080
*	Vanguard Inst Idx Inst Plus	Registered Investment Company	**	114,827,306
*	Vanguard Md-Cap Index Fund Ins	Registered Investment Company	**	23,060,780
*	Vanguard PRIMECAP Adm	Registered Investment Company	**	141,256,315
*	Vanguard Sm-Cap Index Fund Ins	Registered Investment Company	**	27,822,818
*	Vanguard Total Bond Idx Inst	Registered Investment Company	**	61,023,048
*	Vanguard Total Intl Stk Inst	Registered Investment Company	**	33,654,272
*	Vanguard Retirement Savings Trust II	Collective Trust	**	134,937,635
*	Vanguard Tgt Retire 2015 Tr II	Collective Trust	**	24,807,945
*	Vanguard Tgt Retire 2020 Tr II	Collective Trust	**	44,372,720
*	Vanguard Tgt Retire 2025 Tr II	Collective Trust	**	76,618,915
*	Vanguard Tgt Retire 2030 Tr II	Collective Trust	**	58,903,328
*	Vanguard Tgt Retire 2035 Tr II	Collective Trust	**	49,953,968
*	Vanguard Tgt Retire 2040 Tr II	Collective Trust	**	29,229,714
*	Vanguard Tgt Retire 2045 Tr II	Collective Trust	**	35,653,515

(continued)

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
December 31, 2021

(a) Party in Interest (*)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost**	(e) Current Value
*	Vanguard Tgt Retire 2050 Tr II	Collective Trust	**	24,437,822
*	Vanguard Tgt Retire 2055 Tr II	Collective Trust	**	12,249,719
*	Vanguard Tgt Retire 2060 Tr II	Collective Trust	**	5,852,915
*	Vanguard Tgt Retire 2065 Tr II	Collective Trust	**	823,011
*	Vanguard Tgt Retire Inc Tr II	Collective Trust	**	13,499,763
*	Self-Directed Brokerage Fund	Self-Directed Brokerage Fund	**	10,999,504
*	Loan Fund	Interest rates ranging from 4.25% - 6.50%, maturing February 2031	-	9,607,653
				$ 1,319,506,236

* Party-in-interest as defined by ERISA
** Cost information not required for participant-directed investments

Hanford Operations and Engineering Investment Plan
EIN: 90-0501441 – Plan #002
Schedule H, Line 4(a) – Schedule of Delinquent Participant Contributions
Year Ended December 31, 2021

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions: Contributions Not Corrected	Total that Constitute Nonexempt Prohibited Transactions: Contributions Corrected Outside VFCP	Total that Constitute Nonexempt Prohibited Transactions: Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
Check here if Late Participant Loan Repayments are included: ☐	$ 19,585	$ -	$ -	$ -


MOSSADAMS