

DEPARTMENT OF THE NAVY

JUL 2 2 2021

COMMANDER NAVY REGION HAWAII 850 TICONDEROGA ST STE 110 JBPHH, HAWAII 96860-5101

> 5000-45A N45 July 16, 2021

CERTIFIED NO: 9489 0090 0027 6232 9870 23

Ms. Roxanne Kwan Hawaii State Department of Health Solid and Hazardous Waste Branch Underground Storage Tank Section 2827 Waimano Home Road #100 Pearl City, HI 96782

Dear Ms. Kwan:

SUBJECT: NOTIFICATION FOR UNDERGROUND STORAGE TANKS,

RED HILL BULK FUEL STORAGE FACILITY, JBPHH, OAHU,

DOH FACILITY ID NO. 9-102271

As required by Hawaii Administrative Rules 11-280.1-34, the Navy is submitting written notification for the return to currently-in-use status of Surge Tank 1 (F-ST1). DOH Form No. 1, Notification for Underground Storage Tanks, is being submitted as Enclosure 1.

Enterprise Engineering, Inc. performed a post-repair inspection of Surge Tank 1 and determined repairs were completed in accordance with repair design documents. A Suitability of Service Testament for Surge Tank 1 is being submitted as Enclosure 2.

A leak detection test was conducted on Surge Tank 1 with passing results. The tank tightness test summary is being submitted as Enclosure 3. In accordance with Exemption (b) of the Freedom of Information Act, the name of the subcontractor who performed the leak detection test has been redacted.

If you have any questions regarding this matter or need any additional information, contact (b) (6)

Sincerely,

(b) (6)

Director
Regional Environmental Department
By direction of the
Commander



DEPARTMENT OF THE NAVY COMMANDER NAVY REGION HAWAII 850 TICONDEROGA ST STE 110 JBPHH, HAWAII 96860-5101

5750 Ser N4/00258 20 May 20

CERTIFIED NO: 7019 2970 0001 7433 3530

Ms. Roxanne Kwan Hawaii State Department of Health Environmental Management Division Solid and Hazardous Waste Branch Underground Storage Tank Section 2827 Waimano Home Road #100 Pearl City, HI 96782

Dear Ms. Kwan:

SUBJECT: NOTIFICATION FOR UNDERGROUND STORAGE TANKS, RED HILL BULK FUEL STORAGE FACILITY, JBPHH, OAHU, DOH FACILITY ID NO. 9-102271

As required by Hawaii Administrative Rules 11-280.1-34, the Navy is submitting written notification for the return to currently-in-use status of Tank 5 (F-5) and Surge Tank 4 (F-ST4), and the temporary closure of Tank 18 (F-18) and Surge Tank 3 (F-ST3). DOH Form No. 1, Notification for Underground Storage Tanks, is being submitted as Enclosure 1.

Enterprise Engineering, Inc. (EEI) performed a post-repair inspection of Tank 5 and determined repairs were completed in accordance with repair design documents. A Suitability of Service Testament for Tank 5 is being submitted as Enclosure 2.

Tank tightness testing was completed during the filling of Tank 5 when fuel reached the 70-foot, 110-foot, 150-foot and 202-foot levels in the tank. Each tank tightness test consisted of monitoring the tank for 24 consecutive hours over five straight days. Tank 5 passed each of the tank tightness tests at each level. The executive summary of the leak detection testing report is being submitted as Enclosure 3. In accordance with Exemption (b)(4) of the Freedom of Information Act, the name of the subcontractor who performed the leak detection test has been redacted.

EEI performed a post-repair inspection of Surge Tank 4 and determined repairs were completed in accordance with repair design documents. A Suitability of Service Testament for Surge Tank 4 is being submitted as Enclosure 4.

A leak detection test was conducted on Surge Tank 4 with passing results. The executive summary of the leak detection testing report is being submitted as Enclosure 5. In accordance with Exemption (b)(4) of the Freedom of Information Act, the name of the subcontractor who performed the leak detection test has been redacted.

If you have any questions regarding this matter or need any additional information, contact or by email at (b) (6)

Sincerely,

M. R. DELAO

Captain, CEC, U.S. Navy

Regional Engineer By direction of the

Commander

Enclosures: 1. DOH Form No. 1, Notification for Underground Storage Tanks for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID No. 9-102271

- 2. Suitability for Service Testament for Tank 5, prepared by Enterprise Engineering, Inc., 08 Jan 2020
- 3. Executive Summary, 2020 Leak Detection Testing Report of Bulk Field-Constructed Underground Storage Tank 5 at Red Hill Fuel Storage Complex, submitted by Michael Baker International, 30 Apr 2020 (Redacted)
- 4. Suitability for Service Testament for Surge Tank 4 (Facility No. 1227), prepared by Enterprise Engineering, Inc., 08 Jul 2020
- Executive Summary, 2019 Annual Leak Detection Testing Report of 17 Bulk Field-Constructed Underground Storage Tanks at Red Hill Fuel Storage Complex, submitted by Michael Baker International, 08 Jan 2020 (Redacted)

Copy to: U.S. Environmental Protection Agency Region 9
Commander, Navy Region Hawaii
Navy Facilities Engineering Command, Hawaii
U.S. Naval Supply Systems Command Fleet Logistics Center Pearl Harbor

SOLID AND HAZARDOUS WASTE BRANCH

Underground Storage Tank Program

2827 Waimano Home Road #100 • Pearl City, Hawaii 96782

Phone: 808 - 586- 4226 • Fax: 808-586-7509 • http://www.hawaii.gov/health/environmental/waste/ust

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

Return completed form to):	- 1		St	ate Use	Only
Solid and Hazardous Waste Branc Underground Storage Tank Progra 2827 Waimano Home Road #100 Pearl City, Hawaii 96782 Facility ID Number: 9-102271 Permit Number: Use of Notification/s: (Check all that apply) UST Status Change (temporary or permanent closses of Change in Piping Change in Spill and/or Overfill Prevention Methodses of Change in Release Detection Method Change in Financial Responsibility Mechanism Other: 04/20/2020 (F-5), 7/03/2020 (F-16), 10/20/20	h m sure or return to u		Date Data	received: Entered into Clerk's Initia	Computer	
I.	LOCATION OF	TANK	(S)			
Red Hill Bulk Fuel Storage Facility				(b) (6)		
Facility Name or Company Site identifiers					Location	Contact Person
Ded Hill	A:			00704	Oak	
Red Hill Location Address (P.O. Box not acceptable)	Aiea City		awaii State	96701 Zip Code	Oahu	99010006, 99010001, 11012003, 11012004
Location Address (F.O. Box not acceptable)	City	,	State	Zip Code	ISIATIU	Tax Map Key #
(808)473-7801	(808)4	73-781	5			
Location Phone # (w/ area code)	Location Fax:	# (w/ ar	ea code	e)		
II. CONTACT	T PERSON IN C	HARG	E OF 1	TANK(S)		
(b) (6)				Regional	Fuels Office	er
Name				-	Position Title	
1942 Gaffney Street, (b) (6)		ЈВРНН	I		н	96860
Mailing Address		City	*		State	Zip Code
1				774 <u>0</u>		
(b) (6) (808)47			<u> </u>	(b) (6)	
Phone # (w/ area code) Fax #	(w/ area code)				E-mail Ad	dress

Facility ID No. 9-102271

	III. OWNER OF	TANK(S)		
US Navy - COMNAVREG HI				
Owner Name (Corporation, Individual, I	Public Agency, or Other Entity)			
850 Ticonderoga Street, Suite 110		JBPHH	н	96860
Mailing Address		City	State	Zip Code
(808)471-3926	(808)473-5024		marc.delao@navy.m	il
Phone # (w/ area code)	Fax # (w/ area code)		E-mail Address	
IV. OPER	ATOR OF TANK(S) (if same	as Section III,	check here 🔲)	
Naval Supply Systems Command Fl	eet Logistics Center Pearl Hart	oor		
Operator Name (Corporation, Individua			-	
1942 Gaffney Street, (b) (6)		JBPHH	н	96860
Mailing Address		City	State	Zip Code
1.3.703	(900)472 7945		(6) (6)	_
Phone # (w/ area code)	(808)473-7815 Fax # (w/ area code)		E-mail Address	
,	, , ,			
V. T\	PE OF FACILITY (Select th	e appropriate t	facility description)	
	ractor Petroleum I		Service Centers/Auto Repa	ir/Maintenance
Auto Dealership Farm	=		Trucking/Transporter	
	Station Residential		Utilities	
	Station Resort/Hote Course School	el	Wastewater Treatment Plar Wholesaler/Retailer	its
☐ Cleaner/Laundromat ☐ Golf (☐ Communication Sites ☐ Hosp		ain) Fuel Storage	and Airfield Hydrant System	
Communication Sites Linesp	ital	aiii) <u></u>		
VI. FI	NANCIAL RESPONSIBILITY	(Check all tha	t apply)	
Commercial Insurance	Letter of Credit	Local Govern	nment Bond Rating Test	
Financial Test of Self Insurance	Surety Bond	Other Method	d Allowed (Specify)	
Guarantee	Trust Fund	✓ Exempt:	State or Federal Agency	
Checking one or more of the above box 11-280.1, Hawaii Administrative Rules,				

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5					
Status of Tank (Mark only one)	Status of Tank (Mark only one)									
A. Currently in Use		✓	✓	✓	✓					
B. Temporarily Out of Use (Also complete Section XI)	V									
C. Permanently Out of Use (Also complete Section XI)										
2. Date of Installation (mo/year)	10/1942	09/1942	01/1943	11/1942	12/1942					
Estimated Capacity (gallons)	12,000,000	12,000,000	12,000,000	12,000,000	12,700,000					
A. Compartmentalized? Yes/No	No	No	No	No	No					
Estimated compartment capacity (gallons)		•								
B. Manifolded? Yes/No	No	No	No	No	No					
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume								
A. Gasoline (Specify product grade)	N/A	· N/A	N/A	N/A	N/A					
B. Diesel										
C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	N/A					
D. Kerosene										

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS #)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	EMPTY	F-24	F-24	F-24	F-24
Substance Compatible with Tank and Piping? Yes/No	N/A	Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				****
i. Fiberglass reinforced plastic					
ii. Steel	✓	7	√	✓	✓
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	V	√	7	√	V
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)	·		
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
	Unknown	Unknown	Unknown	Unknown	Unknowr
A. Manufacturer and Model	Officiowii			O I I I I I I I I I I I I I I I I I I I	01

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
C. Primary Containment Material or Single-		Later and the second se			En., pp. 3000
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	√	√	√	√	√
iv. Other, please specify.	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	▼	\	√	✓	✓
E. Corrosion Protection (except fiberglass r	einforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	✓	√	\checkmark	\checkmark
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	√	V	✓	√
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	7	V	√
C. Ball float valve Make and Model					

Tank Number	Tank I	No. F-1	Tank I	No. F-2	Tank N	lo. F-3	Tank N	lo. F-4	Tank N	No. F-5
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA	V	NA	√	NA	V	NA	✓	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
Closing of Tank A. Estimated date last used (mo./day/year)	N/A	N/A	N/A	N/A	N/A
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)					
Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
A. Date Repaired	N/A	N/A	N/A	N/A	01/13/2020

B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)

Tank F-5:

Contractor completed a comprehensive out-of-service internal integrity inspection and repair of Tank 5. Completed shell repairs included weld repairs, patch plate repairs, pipe cap repairs, weld repairs after grinding. Based on inspection of the repairs and review of documentation of the repairs, the Engineer of Record determined Tank 5 is suitable to return to service, as specified in the Contractor's Suitability for Service Testament (attached).

Leak detection testing of Tank 5 was performed at four (4) different product levels, with no detectable leak above the test method's minimum detectable leak rate, resulting in passing tests. The leak detection testing conducted meets the regulatory requirements in HAR 11-280.1-43(10). The Executive Summary of the 2020 Leak Detection Testing Report of Bulk Field-Constructed Underground Storage Tank 5 at Red Hill Fuel Storage Complex is attached.

C. Select one of the following:	N/A	N/A	N/A	N/A	N/A
 i. Installation certified by tank and piping manufacturers 					
ii. Installation inspected by a registered engineer.	N/A	N/A	N/A	N/A	Yes
iii. Manufacturer's installation checklists have been completed and documented	N/A	N/A	N/A	N/A	N/A
iv. Another method allowed by the department. Please specify	N/A	N/A	N/A	N/A	N/A

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

	Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
1.	Status of Tank (Mark only one)					
	A. Currently in Use	√	√	✓	√	✓
	B. Temporarily Out of Use (Also complete Section XI)					
	C. Permanently Out of Use (Also complete Section XI)					
2.	Date of Installation (mo/year)	12/1942	05/1943	03/1943	02/1943	01/1943
3.	Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
	A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
	B. Manifolded? Yes/No	No	No	No	No	No
4.	Substance Currently or Last Stored in G	reatest Quantity b	y Volume			
	A. Gasoline (Specify product grade)	N/A	N/A	N/A	N/A	N/A
	B. Diesel					
	C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	N/A
	D. Kerosene					

Tank Number	Tank NoF-6	Tank No. F-7	Tank No. F-8	Tank NoF-9	Tank No. F-10
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
Other, please specify.	F-24	JP-5	JP-5	JP-5	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)	,,,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	✓	√	V	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	V	√	√	√	√
E. Corrosion Protection (except fiberglass re	einforced plastic t	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-6	Tank No. <u>F-7</u>	Tank No. F-8	Tank No. F-9	Tank No. F-10
C. Primary Containment Material or Single	-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	✓	✓	✓	√
iv. Other, please specify.	Piping is above ground	Piping is above groun			
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	√	✓	√	✓
E. Corrosion Protection (except fiberglass	reinforced plastic	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	V	\searrow	√	V
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	V	\	\	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	√	√	V	✓
C. Ball float valve Make and Model					

Tank Number	Tank I	No. <u>F-6</u>	Tank i	No. F-7	Tank i	No. <u>F-8</u>	Tank I	NoF-9_	Tank I	No. <u>F-10</u>
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	✓	NA	V	NA	V	NA	✓	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			· N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

	Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
1. Clos A.	sing of Tank Estimated date last used (mo./day/year)	N/A	N/A	N/A	N/A	N/A
B.	Estimated date tank closed (mo./day/year)					
C.	Tank was removed from ground					
D.	Tank was closed in ground					
E.	Tank filled with inert material Describe					
F.	Change in service					
2. Site	Assessment Completed (Y/N)					
3. Evid	dence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10			
	100000000	Contraction of the Contraction o	COLUMN TO THE PARTY OF THE PART	93930	SECONOMIC			
A. Date Repaired	N/A	N/A	N/A	N/A	N/A			
B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)								
C. Select one of the following:								
i. Installation certified by tank and								
piping manufacturers					AND THE RESERVE OF THE PERSON			
ii. Installation inspected by a			_					
registered engineer.								
iii. Manufacturer's installation								
checklists have been completed and documented								
 iv. Another method allowed by the department. Please specify 								
dopartitions. Flease specify								

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
Status of Tank (Mark only one)					
A. Currently in Use	✓	✓			✓
B. Temporarily Out of Use (Also complete Section XI)			V	V	
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	02/1943	03/1943	03/1943	03/1943	04/1943
Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)	N/A	N/A	N/A	N/A	N/A
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	N/A
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
Other, please specify.	JP-5	JP-5	EMPTY	EMPTY	F-76
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	N/A	N/A	Yes
6. Tank (Mark all that apply)					,
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	✓	√	✓	✓	V
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	V	7	V	\checkmark	√
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
C. Primary Containment Material or Single-	-Walled Piping	J. Printer and the second seco		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	√	√	√	√
iv. Other, please specify.	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	\	✓	✓	✓
E. Corrosion Protection (except fiberglass r	einforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	√	√	✓	✓
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	√	V	✓	V	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	√	V	V	V	√
C. Ball float valve Make and Model					

Tank Number	Tank N	No. F-11	Tank N	No. F-12	Tank N	lo. <u>F-13</u>	Tank N	lo. F-14	Tank N	lo. F-15
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	√	NA	V	NA	V	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. <u>F-11</u>	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
Closing of Tank A. Estimated date last used (mo./day/year)	N/A	N/A	N/A	N/A	N/A
B. Estimated date tank closed (mo./day/year)				·	
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)					
3. Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along w	ith the Tank Numb	er (Attach addition	nal sheet if necess	ary.)	
C. Select one of the following: i. Installation certified by tank and piping manufacturers		-			
ii. Installation inspected by a registered engineer.					
iii. Manufacturer's installation checklists have been completed and documented					
iv. Another method allowed by the department. Please specify					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility:
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

	Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
1.	Status of Tank (Mark only one)					
	A. Currently in Use	√				✓
	B. Temporarily Out of Use (Also complete Section XI)		V	✓	V	
	C. Permanently Out of Use (Also complete Section XI)					
2.	Date of Installation (mo/year)	05/1943	05/1943	05/1943	06/1943	07/1943
3.	Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
	A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
	B. Manifolded? Yes/No	No	No	No	No	No
4.	Substance Currently or Last Stored in G	reatest Quantity b	y Volume			
	A. Gasoline (Specify product grade)	N/A	N/A	N/A	N/A	N/A
	B. Diesel					
	C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	N/A
	D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
Other, please specify.	F-76	EMPTY	EMPTY	EMPTY	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes	N/A	N/A	N/A	Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-V	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	✓	✓	√	✓
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	V	✓	✓	√
E. Corrosion Protection (except fiberglass re	einforced plastic t	anks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
C. Primary Containment Material or Single	-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	V	✓	✓	✓	✓
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	√	V	✓	✓	✓
E. Corrosion Protection (except fiberglass	reinforced plastic	oiping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	√	✓	✓	✓	✓
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	✓	✓	✓	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	√	√	V	V
C. Ball float valve Make and Model					

Tank Number	Tank I	No. <u>F-16</u>	Tank I	No. <u>F-17</u>	Tank I	Vo. <u>F-18</u>	Tank N	Vo. <u>F-19</u>	Tank I	No, F-20
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	V	NA	V	NA		NA	√	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA .		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
Closing of Tank A. Estimated date last used (mo./day/year)	N/A	N/A	05/04/2020	N/A	N/A
Estimated date tank closed (mo./day/year)			07/03/2020		
C. Tank was removed from ground					
D. Tank was closed in ground					
Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)			N/A		
Evidence of a Leak Detected (Y/N)			No		

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along w	ith the Tank Numb	eer (Attach addition	nal sheet if necess	ary.)	
Select one of the following: i. Installation certified by tank and piping manufacturers					
ii. Installation inspected by a registered engineer.					
iii. Manufacturer's installation checklists have been completed and documented					
iv. Another method allowed by the department. Please specify					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. P™⊞
Status of Tank (Mark only one)					
A. Currently in Use	√	✓		√	✓
B. Temporarily Out of Use (Also complete Section XI)			\checkmark		
C. Permanently Out of Use (Also complete Section XI)					
Date of Installation (mo/year)	07/1942	07/1942	07/1942	07/1942	
Estimated Capacity (gallons)	400,000	400,000	400,000	400,000	31,665
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)	N/A	N/A	N/A	N/A	N/A
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	N/A
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. <u>F-ST1</u>	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipel⊞
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	F-24	JP-5	EMPTY	F-76	F-24, F-76, JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	N/A	Yes	Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	N/A
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Nalled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	✓	✓	V	
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	√	√	V	
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipeli⊞
C. Primary Containment Material or Single-	-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	✓	✓	\	\
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material	•				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	✓	√	✓	√
E. Corrosion Protection (except fiberglass r	einforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					✓
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure					✓
D. Not Applicable	✓	V	√	V	
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	V	✓	✓	V	
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	√	V	
C. Ball float valve Make and Model					

Tank Number	Tank N	No. F-ST1	Tank N	No. F-ST2	Tank N	lo. F-ST3	Tank N	lo. F-ST4	Tank N	lo. Pipel
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	V	NA	√	NA	V	NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	√
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipeli
Closing of Tank A. Estimated date last used (mo./day/year)	N/A	N/A	08/27/2019	N/A	N/A
B. Estimated date tank closed (mo./day/year)			10/26/2019		
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)			N/A		
Evidence of a Leak Detected (Y/N)			No		

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipeli
A. Date Repaired	N/A	N/A	N/A	07/25/2019	N/A

B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)

Tank F-ST4:

Contractor completed a comprehensive out-of-service internal integrity inspection and repair of Surge Tank 4. Completed shell repairs included various weld and patch plate repairs. Based on inspection of the repairs and review of documentation of the repairs, the Engineer of Record determined Surge Tank 4 is suitable to return to service, as specified in the Contractor's Suitability for Service Testament (attached).

Leak detection testing of Surge Tank 4 was performed, with no detectable leak above the test method's minimum detectable leak rate, resulting in a passing test. The leak detection testing conducted meets the regulatory requirements in HAR 11-280.1-43(10). The Executive Summary of the 2019 Annual Leak Detection Testing Report of 17 Bulk Field-Constructed Underground Storage Tanks at Red Hill Fuel Storage Complex is attached.

C. Select one of the following: i. Installation certified by tank and piping manufacturers	N/A	N/A	N/A	N/A	N/A
ii. Installation inspected by a registered engineer.	N/A	N/A	N/A	Yes	N/A
iii. Manufacturer's installation checklists have been completed and documented	N/A	N/A	N/A	N/A	N/A
iv. Another method allowed by the department. Please specify	N/A	N/A	N/A	N/A	N/A

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

	Tank Number	Tank No.	Tank No. PRT	Tank No.	Tank No.	Tank No
1.	Status of Tank (Mark only one)					
	A. Currently in Use	√	√	√	√	
	B. Temporarily Out of Use (Also complete Section XI)					
	C. Permanently Out of Use (Also complete Section XI)					
2.	Date of Installation (mo/year)	07/2010	05/2006	09/2011	06/2006	
3.	Estimated Capacity (gallons)	2,000	4,000	59,500	236,579	
	A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	
	B. Manifolded? Yes/No	No	No	No	No	
4.	Substance Currently or Last Stored in G	Freatest Quantity b	y Volume			
	A. Gasoline (Specify product grade)	N/A	N/A	N/A	N/A	
	B. Diesel					
	C. Gasohol (Including ethanol blends) Specify product grade	N/A	N/A	N/A	N/A	
	D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. PR⊡	Tank No. ^{₽8™}	Tank No. Diam	Tank No, ™	Tank No
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	
I. Other, please specify.	F-24	F-24	F-24	F-24	
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Steel Tank Institute/STI-P3	Steel Tank Institute/STI-P3	N/A	N/A	
B. Underwriters Laboratory No.	UL-58	UL-58	N/A	N/A	
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	✓			
iii. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel	✓	V			
iii. Other, please specify.	N/A	N/A	N/A	N/A	, , ,
iv. None					
E. Corrosion Protection (except fiberglass re	einforced plastic t	anks)			
i. Fiberglass coated steel					
ii. Double-walled steel	√	V			
iii. Impressed current system	✓	✓			
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	

Tank Number	Tank No. PRT 🛅	Tank No. <u>™</u>	Tank No. <u>^{Diam}⊞</u>	Tank No. <u></u> ™ ⊞	Tank No
C. Primary Containment Material or Single	e-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	\checkmark	✓	V	\	
iv. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material	<u> </u>				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench	√	√			
iv. Other, please specify.	N/A	N/A	N/A	N/A	
v. None			✓	√	
E. Corrosion Protection (except fiberglass	reinforced plastic	piping)			
i. Fiberglass coated steel	T				
ii. Impressed current system	√	✓	✓	V	
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure			\checkmark	√	
D. Not Applicable	✓	✓			
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	
B. Capacity (gallons)	N/A	N/A	N/A	N/A	
10. Overfill prevention equipment	V	✓			
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	Veeder-Root TLS-350 PLUS	Veeder-Root TLS-350 PLUS			
C. Ball float valve Make and Model					

Tank Number	Tank N	No. PRT-	Tank I	No. PRT 🛅	Tank N	No. Pam	Tank N	No. <u>""</u>	Tank I	Vo.
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA		NA		NA		NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring	V		\							
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA	V	NA	V	NA	√	NA	√	NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

	Tank Number	Tank No. PRT.	Tank No. PRT	Tank No. Diamet	Tank No. Eva	Tank No
1. Clos A.	sing of Tank Estimated date last used (mo./day/year)	N/A	N/A	N/A	N/A	
B.	Estimated date tank closed (mo./day/year)					
C.	Tank was removed from ground					
D.	Tank was closed in ground					
E.	Tank filled with inert material Describe					
F.	Change in service					
2. Site	Assessment Completed (Y/N)			i e		
3. Evid	lence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. PRT-	Tank No. PRT	Tank No.	Tank No. Ewa 🛅	Tank No			
A. Date Repaired	N/A	N/A	N/A	N/A				
B. Provide description of repair along w	B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)							
	4							
C. Select one of the following: i. Installation certified by tank and piping manufacturers	1							
ii. Installation inspected by a registered engineer.								
iii. Manufacturer's installation checklists have been completed and documented								
iv. Another method allowed by the department. Please specify								

XIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

	CAPT N	Marc Delao	Regional Engineer		
Print or Type i	Name of owner or owner's a	Official Title			
		me/Lb	20 May 20		
Signature			✓ Date Signed		
Status of Sign	atory (Mark as appropriate)				
1.	Corporation:	□ principal executive officer□ duly authorized representative			
2.	Partnership:	general partner			
3.	Sole proprietorship:	proprietor			
4.	Government entity:	✓ principal executive officer ranking elected official			

,				
		·		



SUITABILITY FOR SERVICE TESTAMENT TANK 5

Enterprise Engineering, Inc. (EEI), under contract to APTIM (NAVFAC EXWC Contract No. N39430-15-D-1632, Task Order N3943019F4021), completed a comprehensive, out-of-service, internal integrity inspection and suitability for service evaluation of Tank 5 at the Red Hill Fuel Storage Facility, NAVSUP FLC, Pearl Harbor, Hawaii. EEI performed an inspection of Tank 5 October 2017 through January 2018 under a separate contract to NAVFAC EXWC (N39430-15-D-1678 Delivery Order 0011). Subsequently, APTIM completed repairs identified in EEI's Final Condition Assessment Report (Pre-Repair) dated November 2019 and Government Issued RFP documents dated 07 May 2018.

EEI performed a post-repair inspection of Tank 5 April 2019 through October 2019. The post-repair inspection determined repairs have been completed in accordance with the repair design documents. This report provides a status of the repairs performed, Non-Destructive Evaluation performed, a revised DLA-E Tank Condition Form (Post-Repair), a final repair list with repair location and size and certificates of EEI personnel who worked in Tank 5. EEI's Final Condition Assessment Report (Pre-Repair) is included in the appendices for historical information.

EEI recommends the next internal out-of-service inspection be scheduled no later than April 2040 (20 years from the return to service (RTS) date April 2020) or sooner if a change in condition has occurred.

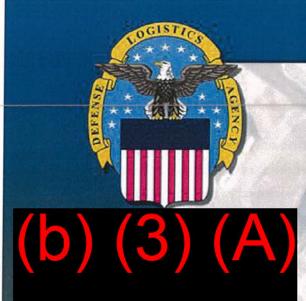
Based on the inspection of the repairs and review of documentation of the repairs, EEI has determined Tank 5 is suitable to return to service.

POST-REPAIR



8 January 2020

Date



2020 LEAK DETECTION TESTING REPORT OF BULK FIELD-CONSTRUCTED UNDERGROUND STORAGE TANK 5 AT RED HILL FUEL STORAGE COMPLEX

JOINT BASE PEARL HARBOR-HICKAM, HAWAII

Prepared for:
Defense Logistics Agency Energy
Fort Belvoir, Virginia

Prepared under:

Naval Facilities Engineering Command Atlantic Contract N62470-16-D-9007 Delivery Order N6247020F4015

Submitted by:

Michael Baker International Virginia Beach, Virginia

Date:

30 April 2020

Michael Baker

INTERNATIONAL Project: 176419 Task: 3.0

EXECUTIVE SUMMARY

The scope of this project is to perform leak detection testing of bulk field-constructed underground storage tank (BFCUST) 5, at four different product levels, at the Red Hill Fuel Storage Complex at Joint Base (JB) Pearl Harbor-Hickam, Hawaii. The leak detection testing is being conducted at the direction of the Naval Facilities Engineering Command (NAVFAC) Atlantic and the Defense Logistics Agency (DLA) Energy's Leak Detection Centrally Managed Program and meets the regulatory requirements stated in the Hawaii Administrative Rules, Title 11, Chapter 280.1 (HAR 11-280.1), Subchapter 4, §11-280.1-43(10).

The leak detection testing of BFCUST 5 was performed, by setting between 4 March and 20 April 2020, at four different product levels, with no detectable leak above the test method's minimum detectable leak rate, resulting in passing tests.

In accordance with HAR 11-280.1, annual leak detection testing of BFCUST 5 must be initiated on or before 4 March 2021; however, testing should be initiated on or before 16 October 2020 to align with annual leak detection testing of 22 BFCUSTs.

Environmental regulatory compliance of this site is the responsibility of the base and the service.



SUITABILITY FOR SERVICE TESTAMENT SURGE TANK 4 (FACILITY NO. 1227)

Enterprise Engineering Inc. (EEI), under contract to APTIM under (NAVFAC EXWC Contract No. N39430-15-D-1632, Task Order 3974318F4132), completed a comprehensive, out-of-service external and internal integrity inspection and suitability for service evaluation of Surge Tank 4 at NAVSUP FLC Pearl Harbor, Hawaii. The out-of-service inspection was performed November 13 through November 27, 2018. Subsequently, APTIM completed repairs identified in EEI's Final Condition Assessment Report (Pre-Repair) dated June 2019.

EEI performed a post-repair inspection of Tank 4 on June 28, 2019. The inspection determined repairs are complete and in accordance with the repair design documents. This report provides a summary of the repairs identified in EEI's Final Condition Assessment Report (Pre-Repair), status of repairs, a revised DLA-E Tank Condition Form (Post-Repair), and the Final Condition Assessment Report (Pre-Repair).

EEI recommends the next internal out-of-service inspection be scheduled no later than November 2028 (10 years after the November 2018 inspection), or sooner if a change in condition has occurred.

Based on the inspection of the repairs and review of the repair documentation of the repairs, EEI has determined Tank 4 is suitable to return to service.

POST-REPAIR

POST-REPAIR

July 8, 2019

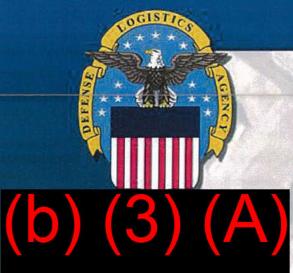
Date

API 653 AST Inspector Certificate No. (b) (4)

API 653 AST Inspector Certificate No.

July 8, 2019

Date



2019 ANNUAL LEAK DETECTION TESTING REPORT OF 17 BULK FIELD-CONSTRUCTED UNDERGROUND STORAGE TANKS AT RED HILL FUEL STORAGE COMPLEX

JOINT BASE PEARL HARBOR-HICKAM, HAWAII

Prepared for:
Defense Logistics Agency Energy
Fort Belvoir, Virginia

Prepared under:

Naval Facilities Engineering Command Atlantic Contract N62470-16-D-9007 Delivery Order 0004

Submitted by:

Michael Baker International Virginia Beach, Virginia

Date:

8 January 2020

Michael Baker

INTERNATIONAL Project: 155858

Task: 3.0

EXECUTIVE SUMMARY

The scope of this project is to perform annual leak detection testing of 22 bulk field-constructed underground storage tanks (BFCUSTs) at the Red Hill Fuel Storage Complex at Joint Base (JB) Pearl Harbor-Hickam, Hawaii. The annual leak detection testing is being conducted in accordance with the Administrative Order on Consent (AOC), signed September 2015, between the Commander Navy Region Hawaii, Defense Logistics Agency (DLA) Energy, the State of Hawaii Department of Health, and the United States Environmental Protection Agency Region 9 and meets the regulatory requirements stated in the Hawaii Administrative Rules, Title 11, Chapter 280.1 (HAR 11-280.1), Subchapter 4, §11-280.1-43(10).

Upon mobilization and system review, five BFCUSTs (BFCUSTs 5, 13, 14, 17, and S1226) were removed from testing due to being temporarily out-of-service. Consequently, the final 2019 annual leak detection testing event included 17 BFCUSTs at the Red Hill Fuel Storage Complex at JB Pearl Harbor-Hickam.

The annual leak detection testing of 17 BFCUSTs was performed, by between 16 October and 27 November 2019, with no detectable leak above the test method's minimum detectable leak rate, resulting in passing tests. BFCUSTs 7, 8, 15, 16, 18, and 20 were tested at less than tank high level, per base request, due to operational issues at the time of testing.

NAVFAC Atlantic and DLA Energy's Leak Detection Centrally Managed Program (CMP) should be notified immediately when BFCUSTs 5, 13, 14, 17, and S1226 are returned to service and when BFCUSTs 7, 8, 15, 16, 18, and 20 product levels are returned to normal operating levels to facilitate immediate testing, to comply with the AOC.

In accordance with the DLA Energy's Leak Detection CMP, as a pollution prevention Best Management Practice, semi-annual leak detection testing of 18 BFCUSTs should be performed on or before 16 April 2020.

In accordance with the AOC, annual leak detection testing of 22 BFCUSTs at JB Pearl Harbor-Hickam must be initiated on or before the anniversary date of 16 October 2020. Environmental regulatory compliance of this site is the responsibility of the base and Naval Supply Systems Command.



DEPARTMENT OF THE NAVY

COMMANDER
NAVY REGION HAWAII
850 TICONDEROGA ST STE 110
JBPHH, HAWAII 96860-5101

5000-45A N45 September 15, 2020

CERTIFIED NO: 7015 0640 0002 4678 0561

Ms. Roxanne Kwan Hawaii State Department of Health Solid and Hazardous Waste Branch Underground Storage Tank Section 2827 Waimano Home Road #100 Pearl City, HI 96782

Dear Ms. Kwan:

SUBJECT: NOTIFICATION FOR UNDERGROUND STORAGE TANKS, RED HILL BULK FUEL STORAGE FACILITY, JBPHH, OAHU, DOH FACILITY ID NO. 9-102271

As required by Hawaii Administrative Rules 11-280.1-34, the Navy is submitting written notification for the return to currently-in-use status of Surge Tank 3 (F-ST3) and the temporary closure of Surge Tank 1 (F-ST1). DOH Form No. 1, Notification for Underground Storage Tanks, is being submitted as Enclosure 1.

Enterprise Engineering, Inc. performed a post-repair inspection of Surge Tank 3 and determined repairs were completed in accordance with repair design documents. A Suitability of Service Testament for Surge Tank 3 is being submitted as Enclosure 2.

A leak detection test was conducted on Surge Tank 3 with passing results. The tank tightness test summary is being submitted as Enclosure 3. In accordance with Exemption (b)(4) of the Freedom of Information Act, the name of the subcontractor who performed the leak detection test has been redacted.

If you have any questions regarding this matter or need any additional information, contact (b) (6)



Regional Environmental Department By direction of the Commander

5000-45A N45 September 15, 2020

Enclosures: 1. DOH Form No. 1, Notification for Underground Storage Tanks for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID No. 9-102271

- 2. Suitability for Service Testament for Surge Tank 3 (Facility No. 1226), prepared by Enterprise Engineering, Inc., 22 Jul 2020
- 3. Tank Tightness Test Summary, 24 Aug 2020 (Redacted)

Copy to:

U.S. Environmental Protection Agency Region 9 Commander, Navy Region Hawaii Naval Facilities Engineering Command, Hawaii U.S. Naval Supply Systems Command Fleet Logistics Center Pearl Harbor

SOLID AND HAZARDOUS WASTE BRANCH

Underground Storage Tank Program

2827 Waimano Home Road #100 • Pearl City, Hawaii 96782

Phone: 808 - 586- 4226 • Fax: 808-586-7509 • http://www.hawaii.gov/health/environmental/waste/ust

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

Poturn completed form to	n:	CHICAGO.	0.1	-4- II C	No. L. Communication of the Co
Return completed form to Solid and Hazardous Waste Brand Underground Storage Tank Progra 2827 Waimano Home Road #100 Pearl City, Hawaii 96782	ch im	asing the	received:	Computer:	only
Facility ID Number: 9-102271		Data	Clerk's Initia	ıls:	
Permit Number:					
Type of Notification/s: (Check all that apply) UST Status Change (temporary or permanent closs Change in Piping Change in Spill and/or Overfill Prevention Method Change in Release Detection Method Change in Financial Responsibility Mechanism Other: Date Activity Occurred: 09/13/2020 (F-ST1), 08	_	Comr	nents:		
I.	LOCATION OF TAN	K(S)			
Red Hill Bulk Fuel Storage Facility	LOCATION OF TAIN	(0)	(b) (6)		
Facility Name or Company Site identifiers			(-/-(-/-	Location	Contact Person
Ded Hill	Aine	Hawaii	06704	Oahu	99010006, 99010001, 11012003, 11012004
Red Hill Location Address (P.O. Box not acceptable)	Aiea Citv	Hawaii State	96701 Zip Code	Oahu	Tax Map Key #
, , , , , , , , , , , , , , , , , , , ,	,		_,		
(808)473-7801	(808)473-78	315			
Location Phone # (w/ area code)	Location Fax # (w/ a		e)		
II. CONTAC	T PERSON IN CHAR	GE OF	TANK(S)		
(b) (6)			Regional	Fuels Offic	er
Name			Job / I	Position Title	
1010 0 % 01 1					
1942 Gaffney Street, (b) (6) Mailing Address	JBPH	17009		HI State	96860 Zip Code
Walling Address	City			State	Zip Code
(000)47	72 7045		(h) (C)		2
	73-7815 # (w/ area code)		(D) (6)	E-mail Add	dress
rax	m (w/ alea code)			L-man Au	u1633



	III. OWNER	OF TANK(S)		
US Navy - COMNAVREG HI				
Owner Name (Corporation, Individua	, Public Agency, or Other Entity			
050 Time Income Office I Online 440		(55) (1)		00000
850 Ticonderoga Street, Suite 110 Mailing Address		JBPHH City	HI State	96860 Zip Code
Maining / Idairess		Oity	otato	21p 0000
(808)471-3926	(808)473-5024		james.meyer@navy.mil	
Phone # (w/ area code)	Fax # (w/ area cod	e)	E-mail Address	
IV. OPE	RATOR OF TANK(S) (if sa	me as Section III	, check here \(\simeq \)	
			, ,	
Naval Supply Systems Command Operator Name (Corporation, Individual)				
(20) Possessi, married	, · ·	,,		
1942 Gaffney Street, (b) (6)		JBPHH	HI	96860
Mailing Address		City	State	Zip Code
(b) (6)	(808)473-7815		(b) (6)	
Phone # (w/ area code)	Fax # (w/ area cod	ə)	E-mail Address	
V. `	TYPE OF FACILITY (Select	the appropriate	facility description)	
Airline	ntractor Petroleu	m Distributor	Service Centers/Auto Repair/N	Maintenance
Auto Dealership Far	m Police Si	ation	Trucking/Transporter	
Baseyard Fire	Station Resident	ial	Utilities	
☐ Car Rental ☐ Ga	s Station Resort/H	otel	Wastewater Treatment Plants	
Cleaner/Laundromat Go	f Course School		Wholesaler/Retailer	
Communication Sites Hos	spital Other (E	xplain) Fuel Storage	and Airfield Hydrant System	
VI. I	FINANCIAL RESPONSIBILI	TY (Check all tha	at apply)	
Commercial Insurance	Letter of Credit	=	nment Bond Rating Test	
Financial Test of Self Insurance	☐Surety Bond		od Allowed (Specify)	
Guarantee	Trust Fund	✓ Exempt: L	State or Federal Agency	
Object Commence of the Commenc		ga an atal a	lite and a second secon	f alaasta
Checking one or more of the above b 11-280.1, Hawaii Administrative Rule:				t chapter

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

	Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
1.	Status of Tank (Mark only one)					
	A. Currently in Use		√	√	√	√
	B. Temporarily Out of Use (Also complete Section XI)	V				
	C. Permanently Out of Use (Also complete Section XI)					
2.	Date of Installation (mo/year)	10/1942	09/1942	01/1943	11/1942	12/1942
3.	Estimated Capacity (gallons)	12,000,000	12,000,000	12,000,000	12,000,000	12,700,000
	A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
	B. Manifolded? Yes/No	No	No	No	No	No
4.	Substance Currently or Last Stored in G	reatest Quantity b	y Volume			
	A. Gasoline (Specify product grade)					
	B. Diesel					
	C. Gasohol (Including ethanol blends) Specify product grade				7	
	D. Kerosene					

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	EMPTY	F-24	F-24	F-24	F-24
Substance Compatible with Tank and Piping? Yes/No		Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)	Y				
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-V	Walled Tank				1
i. Fiberglass reinforced plastic					
ii. Steel	√	√	√	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	✓	✓	V	√	✓
E. Corrosion Protection (except fiberglass re	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
C. Primary Containment Material or Single	-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	V	√	√	✓	V
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material	1				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	✓	✓	√	✓
E. Corrosion Protection (except fiberglass	reinforced plastic	oiping)	,		
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	✓	✓	✓	√
D. Not Applicable					
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	V	V	V	√	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	✓	√	/
C. Ball float valve Make and Model					

Tank Number	Tank N	No. F-1	Tank I	No. F-2	Tank N	No. F-3	Tank N	No. F-4	Tank N	No. F-5
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA	V	NA	V	NA	V	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

X. DESCRIPTION OF DISPENSER AND UNDER DISPENSER CONTAINMENT

(Attach additional sheet if necessary.)

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

XI. TANK(S) OUT OF USE OR CHANGE IN SERVICE

	Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
1. Clos A.	ing of Tank Estimated date last used (mo./day/year)					
B.	Estimated date tank closed (mo./day/year)					
C.	Tank was removed from ground					
D.	Tank was closed in ground					
E.	Tank filled with inert material Describe				ar - Is i	
F.	Change in service					
2. Site	Assessment Completed (Y/N)					
3. Evide	ence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

	Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
Α.	Date Repaired	N/A	N/A	N/A	N/A	N/A
B.	Provide description of repair along w	ith the Tank Numb	er (Attach addition	al sheet if necess	ary.)	
	Select one of the following: i. Installation certified by tank and piping manufacturers					
	100 07					
	 Installation inspected by a registered engineer. 					
	ii. Installation inspected by a registered engineer. iii. Manufacturer's installation checklists have been completed and documented					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

	Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
1.	Status of Tank (Mark only one)					
	A. Currently in Use	√	√	√	√	√
	B. Temporarily Out of Use (Also complete Section XI)					
	C. Permanently Out of Use (Also complete Section XI)					
2.	Date of Installation (mo/year)	12/1942	05/1943	03/1943	02/1943	01/1943
3.	Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
	A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
	B. Manifolded? Yes/No	No	No	No	No	No
4.	Substance Currently or Last Stored in G	reatest Quantity b	y Volume			
	A. Gasoline (Specify product grade)					
	B. Diesel					
	C. Gasohol (Including ethanol blends) Specify product grade					
	D. Kerosene					

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	F-24	JP-5	JP-5	JP-5	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	√	√	√	✓
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A N/A		N/A
iv. None	✓	√	✓	✓	✓
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
C. Primary Containment Material or Single	80. W.W X				
Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	√	√	✓	√	√
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material					<u> </u>
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench		1			
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	√	√	✓	√
E. Corrosion Protection (except fiberglass	reinforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	√	√	√	✓
D. Not Applicable					
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	V	√	√	✓	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	7	V	V	√
C. Ball float valve Make and Model					

Tank Number	Tank N	No. F-6	Tank I	No. <u>F-7</u>	Tank N	No. F-8	Tank N	No. F-9	Tank N	No. F-10
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	1	NA	V	NA	V	NA	V	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	N/A

X. DESCRIPTION OF DISPENSER AND UNDER DISPENSER CONTAINMENT

(Attach additional sheet if necessary.)

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

XI. TANK(S) OUT OF USE OR CHANGE IN SERVICE

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)					
3. Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along	with the Tank Numb	oer (Attach addition	nal sheet if necess	ary.)	
Select one of the following: i. Installation certified by tank and piping manufacturers					
i. Installation certified by tank and					
i. Installation certified by tank and piping manufacturers ii. Installation inspected by a					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
Status of Tank (Mark only one)					
A. Currently in Use	√	√			√
B. Temporarily Out of Use (Also complete Section XI)			V	V	
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	02/1943	03/1943	03/1943	03/1943	04/1943
3. Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	JP-5	JP-5	EMPTY	EMPTY	F-76
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes			Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank		•		
i. Fiberglass reinforced plastic					
ii. Steel	√	√	√	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material			A		
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	✓	√	√	√
E. Corrosion Protection (except fiberglass r	einforced plastic t	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
C. Primary Containment Material or Single	-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	√	✓	✓	✓	✓
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material		<u> </u>			
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench		7		-	-
iv. Other, please specify.					
v. None	√	✓	✓	✓	√
E. Corrosion Protection (except fiberglass	reinforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	✓	✓	✓	√
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	✓	✓	✓	√
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	✓	V	✓	\checkmark
C. Ball float valve Make and Model					

Tank Number	Tank I	No. F-11	Tank N	No. F-12	Tank N	No. F-13	Tank N	No. F-14	Tank N	No. F-15
11. Release Detection (Mark all that apply)	TANK	PIPE								
A. Manual tank gauging		NA								
B. Tank tightness testing	V	NA								
C. Inventory control		NA								
D. Automatic tank gauging		NA								
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A								
If YES, specify type.										
J. Line tightness testing	NA									
K. Other method approved by the Department. Please specify	N/A									

X. DESCRIPTION OF DISPENSER AND UNDER DISPENSER CONTAINMENT

(Attach additional sheet if necessary.)

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

XI. TANK(S) OUT OF USE OR CHANGE IN SERVICE

	Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
1. Clos A.	sing of Tank Estimated date last used (mo./day/year)					
B.	Estimated date tank closed (mo./day/year)					
C.	Tank was removed from ground					
D.	Tank was closed in ground					
E.	Tank filled with inert material Describe					
F.	Change in service					H
2. Site	Assessment Completed (Y/N)					
3. Evid	dence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15			
A. Date Repaired	N/A	N/A	N/A	N/A	N/A			
B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)								
C. Select one of the following: i. Installation certified by tank and piping manufacturers								
ii. Installation inspected by a registered engineer.								
iii. Manufacturer's installation checklists have been completed and documented								
iv. Another method allowed by the department. Please specify								

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
Status of Tank (Mark only one)					
A. Currently in Use	√				✓
B. Temporarily Out of Use (Also complete Section XI)		√	✓	✓	
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	05/1943	05/1943	05/1943	06/1943	07/1943
3. Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade	1				
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	F-76	EMPTY	EMPTY	EMPTY	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes				Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	√	√	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	√	✓	√	√
E. Corrosion Protection (except fiberglass r	einforced plastic t	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
C. Primary Containment Material or Singl	e-Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	√	√	√	√	√
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material				·	
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench		-			
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	✓	V	✓	✓
E. Corrosion Protection (except fiberglass	s reinforced plastic p	oiping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	✓	√	✓	√
D. Not Applicable					
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	V	√	✓	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	V	✓	/
C. Ball float valve Make and Model					

Tank Number	Tank I	No. F-16	Tank I	No. <u>F-17</u>	Tank N	No. F-18	Tank N	No. <u>F-19</u>	Tank N	No. F-20
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	V	NA	V	NA		NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No) If YES, specify type.	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

X. DESCRIPTION OF DISPENSER AND UNDER DISPENSER CONTAINMENT

(Attach additional sheet if necessary.)

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

XI. TANK(S) OUT OF USE OR CHANGE IN SERVICE

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe				u	
F. Change in service					
Site Assessment Completed (Y/N)			No		
Evidence of a Leak Detected (Y/N)			No		

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20			
A. Date Repaired	N/A	N/A	N/A	N/A	N/A			
B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)								
Select one of the following: i. Installation certified by tank and piping manufacturers								
Installation inspected by a registered engineer.								
iii. Manufacturer's installation checklists have been completed and documented								
iv. Another method allowed by the department. Please specify								

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipel
Status of Tank (Mark only one)			A. A.		
A. Currently in Use		√	✓	✓	✓
B. Temporarily Out of Use (Also complete Section XI)	V				
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	07/1942	07/1942	07/1942	07/1942	
3. Estimated Capacity (gallons)	400,000	400,000	400,000	400,000	31,665
A. Compartmentalized? Yes/No Estimated compartment capacity (gallons)	No	No	No	No	No
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipel
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	EMPTY	JP-5	F-24	F-76	F-24, F-76, JP-
Substance Compatible with Tank and Piping? Yes/No		Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	N/A
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	✓	√	√	
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	V	✓	√	
E. Corrosion Protection (except fiberglass r	einforced plastic t	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					100
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Ppel ■
C. Primary Containment Material or Single					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	√	√	√	√	✓
iv. Other, please specify.	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground	
D. Secondary Containment Material		Vosat meny promote de la cons			
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	√	√	√	√
E. Corrosion Protection (except fiberglass	reinforced plastic p	oiping)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
i. Fiberglass coated steel					
ii. Impressed current system					V
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure					✓
D. Not Applicable	V	√	√	V	
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	V	V	✓	V	
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	V	√	
C. Ball float valve Make and Model					

Tank Number	Tank I	No. F-ST1	Tank I	No. F-ST2	Tank N	No. F-ST3	Tank N	loF-ST4	Tank N	No. Pipel
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	V	NA	V	NA	V	NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	V
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipel
Closing of Tank A. Estimated date last used (mo./day/year)	07/15/2020				
B. Estimated date tank closed (mo./day/year)	09/13/2020				
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe		10			
F. Change in service					
Site Assessment Completed (Y/N)	No				
Evidence of a Leak Detected (Y/N)	No				

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipeli
A. Date Repaired	N/A	N/A	08/17/2020	N/A	N/A

B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)
Tank F-ST3:

Contractor completed a comprehensive out-of-service integrity inspection and repair of Surge Tank 3. Completed internal repairs included new steel floor, one shell patch plate and new stilling well and drain line. Installation of new steel floor included geotextile fabric, flexible membrane liner, and concrete infill, which was slotted to create a leak detection system. Based on inspection of the repairs and review of documentation of the repairs, the Engineer of Record determined Surge Tank 3 is suitable to return to service, as specified in the Contractor's Suitability for Service Testament (attached). Leak detection testing of Surge Tank 3 was performed, with no detectable leak above test method's minimum detectable leak rate, resulting in a passing test. The leak detection testing conducted meets the regulatory requirements in HAR 11-280.1-43(10). The Executive Summary of the 2020 Annual Leak Detection Testing Report of Bulk Field-Constructed Surge Tank 3 is attached.

Select one of the following: i. Installation certified by tank and piping manufacturers	N/A	N/A	N/A	N/A	N/A
ii. Installation inspected by a registered engineer.	N/A	N/A	Yes	N/A	N/A
iii. Manufacturer's installation checklists have been completed and documented	N/A	N/A	N/A	N/A	N/A
iv. Another method allowed by the department. Please specify	N/A	N/A	N/A	N/A	N/A

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. PRT.	Tank No. PRT	Tank No. Dame	Tank No. Eve 🛅	Tank No
Status of Tank (Mark only one)					
A. Currently in Use	✓	✓	✓	✓	
B. Temporarily Out of Use (Also complete Section XI)					
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	07/2010	05/2006	09/2011	06/2006	
3. Estimated Capacity (gallons)	2,000	4,000	59,500	236,579	
A. Compartmentalized? Yes/No	No	No	No	No	
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Tank Number	Tank No. PRT.	Tank No. PRT	Tank No. Diameter	Tank No. Ewa	Tank No
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	
I. Other, please specify.	F-24	F-24	F-24	F-24	
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Steel Tank Institute/STI-P3	Steel Tank Institute/STI-P3	N/A	N/A	1
B. Underwriters Laboratory No.	UL-58	UL-58	N/A	N/A	
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic		П			П
ii. Steel	√	√			
iii. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel	V	V			
iii. Other, please specify.	N/A	N/A	N/A	N/A	
iv. None					
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel	√	√			
iii. Impressed current system	✓	√			
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	

Tank Number	Tank No.	Tank No. PRT	Tank No.	Tank No. Ewa	Tank No
C. Primary Containment Material or Single-	Walled Piping				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	✓	✓	✓	
iv. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench	√	· 🗸			
iv. Other, please specify.	N/A	N/A	N/A	N/A	
v. None			√	√	
E. Corrosion Protection (except fiberglass re	einforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system	✓	✓	√	✓	
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure			√	✓	
D. Not Applicable	✓	√			
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	
B. Capacity (gallons)	N/A	N/A	N/A	N/A	
10. Overfill prevention equipment	✓	✓			
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	Veeder-Root TLS-350 PLUS	Veeder-Root TLS-350 PLUS			
C. Ball float valve Make and Model					

Tank Number	Tank N	No. PRT-	Tank I	No. PRT	Tank N	No. Diameter	Tank N	lo. Ewa 🚻	Tank N	No
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA		NA		NA		NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring	V		✓							
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA	V	NA	V	NA	V	NA	✓	NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial#	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. PRT.	Tank No. PRT	Tank No. Diamet	Tank No. Ewa	Tank No
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe				140 1	100
F. Change in service					
Site Assessment Completed (Y/N)					
Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. PRT.	Tank No. PRT	Tank No.	Tank No. Ewa #	Tank No				
A. Date Repaired	N/A	N/A	N/A	N/A					
B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)									
C. Select one of the following:									
 i. Installation certified by tank and piping manufacturers 									
ii. Installation inspected by a registered engineer.									
iii. Manufacturer's installation checklists have been completed and documented									
iv. Another method allowed by the department. Please specify									

XIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

	(b) (6)		Regional Environmental Program Director
Print or Ty	h) (6	zed representative	Official Title
Signature	(D) (O		15 Sept 2020 Date Signed
Status of Sign	natory (Mark as appropriate)		
1.	Corporation:	principal executive officer duly authorized representative	
2.	Partnership:	general partner	
3.	Sole proprietorship:	proprietor	
4.	Government entity:	☐ principal executive officer ☐ ranking elected official	

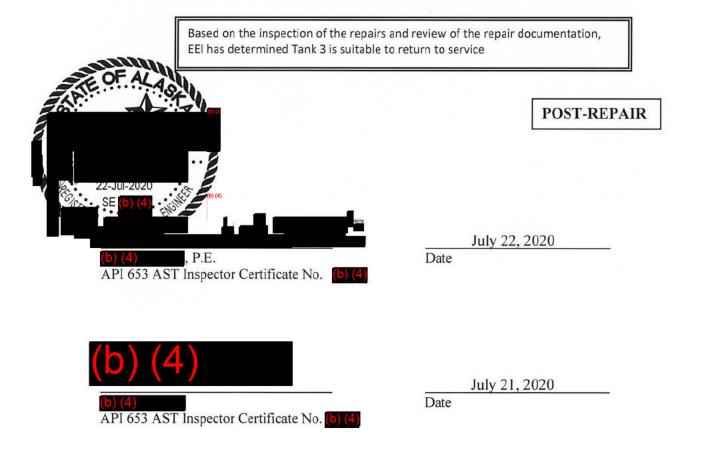


SUITABILITY FOR SERVICE TESTAMENT SURGE TANK 3 (FACILITY NO. 1226)

Enterprise Engineering Inc. (EEI), under contract to APTIM (NAVFAC EXWC Contract No. N39430-15-D-1632, Task Order 3974318F4132), completed a comprehensive, out-of-service external and internal integrity inspection and suitability for service evaluation of Surge Tank 3 at NAVSUP FLC Pearl Harbor, Hawaii. The out-of-service inspection was performed September 25 through October 3, 2019. Subsequently, APTIM completed repairs identified in the Statement of Work and EEI's Final Condition Assessment Report (Pre-Repair) dated December 2019.

EEI performed a post-repair inspection of Tank 3 on June 23, 2020. The inspection determined repairs are complete and in accordance with the repair design documents. This report provides a summary of the repairs identified in EEI's Final Condition Assessment Report (Pre-Repair), the status of repairs, a revised DLA-E Tank Condition Form (Post-Repair), and the Final Condition Assessment Report (Pre-Repair).

EEI recommends the next internal out-of-service inspection be scheduled no later than June 2030 (10 years after the June 2020 inspection), or sooner if a change in condition has occurred.





APTIM | Government Services 12005 Ford Road; Suite 600 Dallas, TX 75234

FISC Red Hill Pearl Harbor, HI

Scope of Work:

Furnish all required management, labor, services, materials and equipment to perform the required annual tightness testing of Tank S1226 (Surge 3) an underground fuel storage tank located at FISC Red Hill, Pearl Harbor, HI.



Date: 8-24-2020

Summary

Testing of Tank S1226 (Surge 3) a 420,000 gal underground storage tank located at FISC Red Hill, Pearl Harbor, Hawaii commenced August 11, 2020 and was completed August 14, 2020. The result of that testing is that the tank system is determined to be tight to isolation. Testing was performed using the protocols set out in the third party evaluations. All tank valves were adequately secured such that any fluid loss was isolated to leakage. Therefore, the containment integrity of the tank was not compromised and the test is considered conclusive.

Tank \$1226 (Surge 3): After 72 hours of testing the tank is certified to be tight.



5000-45A N45 July 16, 2021

Enclosures: 1. DOH Form No. 1, Notification for Underground Storage Tanks for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID No. 9-102271

- 2. Suitability for Service Testament for Surge Tank 1 (Facility No. 1224), prepared by Enterprise Engineering, Inc., April 28, 2021
- 3. Tank Tightness Test Summary, June 19, 2021 (Redacted)

Copy to:

U.S. Environmental Protection Agency Region 9 Commander, Navy Region Hawaii Naval Facilities Engineering Systems Command, Hawaii U.S. Naval Supply Systems Command Fleet Logistics Center Pearl Harbor



SOLID AND HAZARDOUS WASTE BRANCH

Underground Storage Tank Program

2827 Waimano Home Road #100 • Pearl City, Hawaii 96782

Phone: 808 - 586 - 4226 • Fax: 808 - 586 - 7509 • http://www.hawaii.gov/health/environmental/waste/ust

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

Return completed form to: Solid and Hazardous Waste Branch Underground Storage Tank Program 2827 Waimano Home Road #100 Pearl City, Hawaii 96782 Facility ID Number: 9-102271 Permit Number: Type of Notification/s: (Check all that apply) UST Status Change (temporary or permanent closure or return to use) Change in Piping Change in Spill and/or Overfill Prevention Method Change in Release Detection Method Change in Financial Responsibility Mechanism Other: Date Activity Occurred: 06/19/2021 (F-ST1)			received: Entered into Clerk's Initia	als:	Only
Red Hill Bulk Fuel Storage Facility Facility Name or Company Site identifiers	LOCATION OF	TANK(S)	(b) (6)	Location	Contact Person
Red Hill Location Address (P.O. Box not acceptable)	Aiea City	Hawaii State	96701 Zip Code	Oahu Island	99010006, 99010001, 11012003, 11012004 Tax Map Key #
(808)473-7801 Location Phone # (w/ area code)		73-7815 # (w/ area code	e)		
II. CONTAC	T PERSON IN C	HARGE OF	TANK(S)		
(b) (6) Name				Fuels Direct Position Title	EAV.
1942 Gaffney Street, (b) (6) Mailing Address		JBPHH City		HI State	96860 Zip Code
	73-7815 # (w/ area code)	The state of the s	(b	<mark>(6)</mark> E-mail Ad	dress



Facility ID	No.	9-102271
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	III. OWNER O	F TANK(S)					
US Navy - COMNAVREG HI	V	Y		•			
Owner Name (Corporation, Individu	al, Public Agency, or Other Entity)						
850 Ticonderoga Street, Suite 11	n	JBPHH		ні	96860		
Mailing Address		City		State	Zip Code		
·		•					
(808)471-3926	(808)473-5024			meyer@navy.i	mil		
Phone # (w/ area code)	Fax # (w/ area code)			E-mail Address			
IV. OP	ERATOR OF TANK(S) (if same	e as Section II	l, check here [])			
Naval Supply Systems Command	Fleet Logistics Center Pearl Har	bor					
Operator Name (Corporation, Individ	dual, Public Agency, or Other Entity)					
1942 Gaffney Street, (1986)		JBPHH		ш	96860		
Mailing Address		City		HI State	Zip Code		
		,			_,,		
(b) (6)	(808)473-7815		(b) (6		<u> </u>		
Phone # (w/ area code)	Fax # (w/ area code)			E-mail Address			
			and the state of t	180000000-1000, 20000000-1770-0000-1870	da fili da antifedere V og tallen rike fler en en skalen en se sager sager.		
V.	TYPE OF FACILITY (Select the	ne appropriate	facility descri	ption)			
Airline	entractor Petroleum	Distributor	Service Cer	nters/Auto Repa	ir/Maintenance		
	rm Police Stati	ion	Trucking/Tra				
	re Station Residential		Utilities				
	as Station Resort/Hote	əl	Wastewater	Treatment Plar	nts		
	olf Course School		Wholesaler/	Retailer			
	ospital Other (Expl	ain) Fuel Storag	e and Airfield Hyd	rant System			
		,					
т — у до у у эт умет мет орго, учинически тистула у дорга и противо у постуглувать учина вывинирования. В применя в применя				The statement of the st			
VI.	FINANCIAL RESPONSIBILITY	(Check all th	at apply)				
Commercial Insurance	Letter of Credit	□L and Cave	rnment Bond Rat	ing Toot			
		\equiv		-			
Financial Test of Self Insurance	Surety Bond		od Allowed (Spec				
☐ Guarantee	Trust Fund	Exempt:	State or ✓ F	-ederal Agency			
Checking one or more of the above to	poxes attests to the fact that the fin	ancial responsib	ility requirements	in subchapter 8	3 of chapter		
Checking one or more of the above boxes attests to the fact that the financial responsibility requirements in subchapter 8 of chapter 11-280.1, Hawaii Administrative Rules, are met using the selected mechanism(s) as of the date of the certification below.							
,	o, are mor doing ine selected mes	nanisin(s) as or	the date of the ce	rtification below			

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
Status of Tank (Mark only one)					
A. Currently in Use		✓	✓	✓	✓
B. Temporarily Out of Use (Also complete Section XI)					
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	10/1942	09/1942	01/1943	11/1942	12/1942
Estimated Capacity (gallons)	12,000,000	12,000,000	12,000,000	12,000,000	12,700,000
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity b	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	EMPTY	F-24	F-24	F-24	F-24
Substance Compatible with Tank and Piping? Yes/No		Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)			,		
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank	<u> </u>			
i. Fiberglass reinforced plastic					
ii. Steel	√	√	V	√	✓
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	\checkmark	✓	✓	\checkmark	√
E. Corrosion Protection (except fiberglass re	einforced plastic t	anks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-1	Tank No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5					
C. Primary Containment Material or Single-	C. Primary Containment Material or Single-Walled Piping									
i. Fiberglass reinforced plastic										
ii. Flex piping										
iii. Steel	✓	✓	✓	✓	✓					
iv. Other, please specify.	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground					
D. Secondary Containment Material										
i. Fiberglass reinforced plastic										
ii. Flex piping										
iii. Lined trench										
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A					
v. None	✓	√	\	\	✓					
E. Corrosion Protection (except fiberglass r	einforced plastic	piping)								
i. Fiberglass coated steel										
ii. Impressed current system										
iii. Sacrificial anode system										
iv. Corrosion expert determination										
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A					
8. Method of Product Dispensing										
A. Unsafe Suction (valve at tank)										
B. Safe Suction (no valve at tank)										
C. Pressure	✓	✓	✓	✓	✓					
D. Not Applicable										
9. Spill prevention equipment										
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A					
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A					
10. Overfill prevention equipment	V	V	√	V	\checkmark					
A. Automatic shutoff device (flapper) Make and Model										
B. Overfill alarm Make and Model	V	V	7	V	√					
C. Ball float valve Make and Model										

Tank Number	Tank N	10. F-1_	Tank N	lo. <u></u> F-2	Tank N	lo. F-3	Tank N	No. F-4	Tank N	10. F-5
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA	V	NA	V	NA	√	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES , specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10		,	N/A
11			N/A
12			N/A

Tank Number	Tank No. F-1	Tank No. <u>F-2</u>	Tank No. F-3	Tank No. F-4	Tank No. F-5
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)				,	
3. Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-1	Tánk No. F-2	Tank No. F-3	Tank No. F-4	Tank No. F-5
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along w	ith the Tank Numb	eer (Attach addition	nal sheet if necess	ary.)	
C. Select one of the following: i. Installation certified by tank and piping manufacturers ii. Installation inspected by a registered engineer.					
iii. Manufacturer's installation checklists have been completed and documented					
iv. Another method allowed by the department. Please specify	5				

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
Status of Tank (Mark only one)		·			
A. Currently in Use	✓	✓	✓	✓	✓
B. Temporarily Out of Use (Also complete Section XI)					
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	12/1942	05/1943	03/1943	02/1943	01/1943
Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-6	Tank No. F-7	Tank NoF-8	Tank No. F-9	Tank No. F-10
E. Used Oil/Waste Oil	-		· · ·		
F. JP-4			· 🔲		
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
Other, please specify.	F-24	JP-5	JP-5	JP-5	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	Yes
6. Tank (Mark all that apply)	· · · · · · · · · · · · · · · · · · ·				<u> </u>
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Nalled Tank			-	
i. Fiberglass reinforced plastic					
ii. Steel	✓	√	✓	√	V
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	V	√	✓	√	✓
E. Corrosion Protection (except fiberglass r	einforced plastic t	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
C. Primary Containment Material or Single-	Walled Piping	-			. 0
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	√	√	✓	✓
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	✓	V	$\overline{\ }$	▼	✓
E. Corrosion Protection (except fiberglass r	einforced plastic p	piping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	\checkmark	✓	\checkmark	\checkmark
D. Not Applicable					
9. Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	✓	√	V	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	V	V	V	\checkmark
C. Ball float valve Make and Model					

Tank Number	Tank N	10. F-6	Tank N	No. F-7	Tank N	lo. F-8	Tank N	10. <u>F-9</u>	Tank N	No. F-10
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	√	NA	V	NA	V	NA	V	NA	✓	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. <u>F-6</u>	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)					
Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-6	Tank No. F-7	Tank No. F-8	Tank No. F-9	Tank No. F-10
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along w	ith the Tank Numb	eer (Attach addition	nal sheet if necess	ary.)	
C. Select one of the following: i. Installation certified by tank and piping manufacturers ii. Installation inspected by a					
registered engineer. iii. Manufacturer's installation checklists have been completed and documented				·	
iv. Another method allowed by the department. Please specify					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified by number/s consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
Status of Tank (Mark only one)					
A. Currently in Use	V	✓			V
B. Temporarily Out of Use (Also complete Section XI)			V	\checkmark	
C. Permanently Out of Use (Also complete Section XI)					
Date of Installation (mo/year)	02/1943	03/1943	03/1943	03/1943	04/1943
Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
Other, please specify.	JP-5	JP-5	EMPTY	EMPTY	F-76
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes			Yes
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	N/A
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	✓	V	· 🗸	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	✓	√	✓	✓
E. Corrosion Protection (except fiberglass r	einforced plastic	tanks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
C. Primary Containment Material or Single		 Sept. 1986 - District Conference of the Conference of	The second tree is a series of explicit their mession and according with	Entre Trendentini Statike (22 statik) u muliku entru ilek	Constitution to the Period of the last of the constitution of the
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	✓	√	√	\checkmark	✓
iv. Other, please specify.	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground	Piping is above ground
D. Secondary Containment Material					,
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.					
v. None	V	√	\checkmark	✓	√
E. Corrosion Protection (except fiberglass r	einforced plastic p	oiping)			
i. Fiberglass coated steel					
ii. Impressed current system					
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing	-				
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure	✓	√	√	√	√
D. Not Applicable					
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	V	√	V	✓	✓
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	V	√	√	V	✓
C. Ball float valve Make and Model					

Tank Number	Tank I	No. <u>F-11</u>	Tank N	No. F-12	Tank N	No. F-13	Tank N	No. <u>F-14</u>	Tank I	No. F-15
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	V	NA	V	NA	V	NA	V	NA	V	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3	-		N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
Closing of Tank A. Estimated date last used (mo./day/year)					
Estimated date tank closed (mo./day/year)					
C. Tank was removed from grou	und				
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y	/N)				
Evidence of a Leak Detected (Y	/N)	-			

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-11	Tank No. F-12	Tank No. F-13	Tank No. F-14	Tank No. F-15
A. Date Repaired	N/A	N/A	N/A	N/A	N/A
B. Provide description of repair along w	ith the Tank Numb	per (Attach addition	nal sheet if necess	ary.)	
C. Select one of the following: i. Installation certified by tank and piping manufacturers ii. Installation inspected by a registered engineer.					
iii. Manufacturer's installation checklists have been completed and documented					
iv. Another method allowed by the department. Please specify					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
Status of Tank (Mark only one)					
A. Currently in Use	√				✓
B. Temporarily Out of Use (Also complete Section XI)		V	✓	V	
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	05/1943	05/1943	05/1943	06/1943	07/1943
3. Estimated Capacity (gallons)	12,700,000	12,700,000	12,700,000	12,700,000	12,700,000
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)		-			
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	/ Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade				10.00	
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	N/A
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	N/A
I. Other, please specify.	F-76	EMPTY	EMPTY	EMPTY	JP-5
Substance Compatible with Tank and Piping? Yes/No	Yes				Yes
6. Tank (Mark all that apply)					1
A. Manufacturer and Model	Field- constructed	Field- constructed	Field- constructed	Field- constructed	Field- constructed
B. Underwriters Laboratory No.	N/A	N/A	N/A	N/A	.N/A
C. Primary Containment Material or Single-N	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	√	√	√	√
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel					
iii. Other, please specify.	N/A	N/A	N/A	N/A	N/A
iv. None	√	V	✓	√	√
E. Corrosion Protection (except fiberglass re	einforced plastic t	anks)			
i. Fiberglass coated steel					
ii. Double-walled steel					
iii. Impressed current system					
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	N/A
7. Piping		·			
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	Unknown
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	Unknown

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20	
C. Primary Containment Material or Single	-Walled Piping					
i. Fiberglass reinforced plastic						
ii. Flex piping						
iii. Steel	√	√	✓	√	√	
iv. Other, please specify.	Piping is above ground					
D. Secondary Containment Material	•			1		
i. Fiberglass reinforced plastic						
ii. Flex piping						
iii. Lined trench						
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A	
v. None	✓	V	✓	✓	✓	
E. Corrosion Protection (except fiberglass	reinforced plastic p	oiping)				
i. Fiberglass coated steel						
ii. Impressed current system						
iii. Sacrificial anode system						
iv. Corrosion expert determination						
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A	
8. Method of Product Dispensing						
A. Unsafe Suction (valve at tank)						
B. Safe Suction (no valve at tank)						
C. Pressure	V	✓	√	√	√	
D. Not Applicable						
9. Spill prevention equipment						
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A	
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A	
10. Overfill prevention equipment	V	V	√	V	√	
A. Automatic shutoff device (flapper) Make and Model						
B. Overfill alarm Make and Model	✓	√	V	V	V	
C. Ball float valve Make and Model						

Tank Number	Tank N	lo. <u>F-16</u>	Tank N	lo. <u>F-17</u>	Tank N	lo. <u>F-18</u>	Tank N	lo. F-19	Tank N	lo. <u>F-20</u>
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	✓	NA	\checkmark	NA	√	NA		NA	✓	NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
I. Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3			N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11	:		N/A
12			N/A

Tank Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)					
3. Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank	Number	Tank No. F-16	Tank No. F-17	Tank No. F-18	Tank No. F-19	Tank No. F-20
A. Date Rep	paired	N/A	N/A	N/A	N/A	N/A
B. Provide o	lescription of repair along w	ith the Tank Numb	er (Attach additior	nal sheet if necess	ary.)	
i. Installat piping m	e of the following: ion certified by tank and nanufacturers ion inspected by a ed engineer.					
checkli and do iv. Anothe	acturer's installation sts have been completed cumented r method allowed by the ment. Please specify					

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No [™] ■
Status of Tank (Mark only one)					
A. Currently in Use	V	✓	✓	✓	✓
B. Temporarily Out of Use (Also complete Section XI)					
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	07/1942	07/1942	07/1942	07/1942	
Estimated Capacity (gallons)	400,000	400,000	400,000	400,000	31,665
A. Compartmentalized? Yes/No	No	No	No	No	No
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	No
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade					
D. Kerosene					

Notification for Underground Storage Tanks - Form No. 1 Date: 7/16/2018 (rev February 1, 2019)

). <u>f-st1</u> Tank] [] [A N			ink No. F-ST4	# 1.1 CONTROL TO \$1.5 PER SENSE OF THE PROPERTY OF THE PROPERT
] [
A N				
	I/A	N/A	N/A	N/A
۸ ۱	I/A	N/A	N/A	N/A
4 J	P-5	F-24	F-76 F	-24, F-76, JP-5
Ye	es `	res es	Yes	Yes
	I	Field- structed co	Field- onstructed	N/A
A N	I/A	N/A	N/A	N/A
nk		•	•	
] [7	√	V	
<i>A N</i>	I/A	N/A	N/A	N/A
]			
A N	I/A	N/A	N/A	N/A
	7	√	√	
plastic tanks)	<u>, , , </u>			
\ N	/A	N/A	N/A	N/A
own Unk	nown Un	known U	nknown	Unknown
11	20Wn Lin	known II	nknown	Unknown
	olastic tanks)	olastic tanks) I I I I I I I I I I I I I I I I I I I	olastic tanks) I Diastic tanks I Diast	olastic tanks) I DIA DIA DIA DIA DIA DIA DIA DIA DIA DI

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipell
C. Primary Containment Material or Single-	Walled Piping	,	,	7.	
i. Fiberglass reinforced plastic					
ii. Flex piping		· 🔲			
iii. Steel	V	✓	✓	√	√
iv. Other, please specify.	Piping is above ground				
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench					
iv. Other, please specify.	N/A	N/A	N/A	N/A	N/A
v. None	V	✓	V	✓	V
E. Corrosion Protection (except fiberglass r	einforced plastic p	piping)			1
i. Fiberglass coated steel					
ii. Impressed current system					√
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	N/A
8. Method of Product Dispensing					
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure					✓
D. Not Applicable	✓	\checkmark	V	\checkmark	
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	N/A
B. Capacity (gallons)	N/A	N/A	N/A	N/A	N/A
10. Overfill prevention equipment	✓	V	✓	\checkmark	
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	√	V	V	V	
C. Ball float valve Make and Model					

Tank Number	Tank N	No. F-ST1	Tank N	lo. ^{F-ST2}	Tank N	lo. F-ST3	Tank N	lo. ^{F-ST4}	Tank N	No. Pipeli
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing	✓	NA	✓	NA	✓	NA	V	NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring										
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	ŊA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA		NA		NA		NA		NA	√
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3	·		N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10			N/A
11			N/A
12			N/A

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipel
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
Site Assessment Completed (Y/N)		_			
Evidence of a Leak Detected (Y/N)					

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. F-ST1	Tank No. F-ST2	Tank No. F-ST3	Tank No. F-ST4	Tank No. Pipeli⊞
A. Date Repaired	06/19/2021	N/A	N/A	N/A	N/A

B. Provide description of repair along with the Tank Number (Attach additional sheet if necessary.)

Tank F-ST1:

Contractor completed a comprehensive out-of-service integrity inspection and repair of Surge Tank 1. Completed repairs included weld repairs to inlet/outlet nozzle, new steel floor, six shell patch plates and new stilling well and drain line. Installation of new steel floor included geotextile fabric, flexible membrane liner, and concrete infill, which was slotted to create a leak detection system. Based on inspection of the repairs and review of documentation of the repairs, the Engineer of Record determined Surge Tank 1 is suitable to return to service, as specified in the Contractor's Suitability for Service Testament (attached).

Leak detection testing of Surge Tank 1 was performed, with no detectable leak above test method's minimum detectable leak rate, resulting in a passing test. The leak detection testing conducted meets the regulatory requirements in HAR 11-280.1-43 (10). The Executive Summary of the 2021 Annual Leak Detection Testing Report of Bulk Field-Constructed Surge Tank 1 is attached.

C. Select one of the following:	N/A	N/A	N/A	N/A	N/A
 i. Installation certified by tank and piping manufacturers 					
ii. Installation inspected by a registered engineer.	Yes	N/A	N/A	N/A	N/A
iii. Manufacturer's installation checklists have been completed and documented	N/A	N/A	N/A	N/A	N/A
iv. Another method allowed by the department. Please specify	N/A	N/A	N/A	N/A	N/A

Include a drawing showing the general layout of the facility. This drawing should be no larger than 11 by 17 inches and preferably to scale. This drawing should show the following:

- A. The property boundaries of the facility;
- B. Identification of streets, roads and nearby bodies of water;
- C. Identification of nearby facilities;
- D. Tax Map Key (TMK) Numbers;
- E. Location of buildings at the facility;
- F. The approximate dimensions of the property boundaries and major buildings;
- G. Location of all USTs and dispenser pumps (identified <u>by number/s</u> consistent with the tank & dispenser pump numbers in Sections IX and X), and associated pipings; and
- H. Indication of North/South direction.

VIII. LOCATION MAP

Include a map showing the location of the tanks with respect to nearby landmarks. The map should indicate roads and landmarks to a level of detail such that the site would be easily located

IX. DESCRIPTION OF TANK(S) (Complete for each tank at this location)

Tank Number	Tank No. PRT-	Tank No. PRT	Tank No. Diameter	Tank No. Em	Tank No
Status of Tank (Mark only one)					
A. Currently in Use	✓	V	✓	✓	
B. Temporarily Out of Use (Also complete Section XI)					
C. Permanently Out of Use (Also complete Section XI)					
2. Date of Installation (mo/year)	07/2010	05/2006	09/2011	06/2006	
Estimated Capacity (gallons)	2,000	4,000	59,500	236,579	
A. Compartmentalized? Yes/No	No	No	No	No	
Estimated compartment capacity (gallons)					
B. Manifolded? Yes/No	No	No	No	No	
4. Substance Currently or Last Stored in G	reatest Quantity by	y Volume			
A. Gasoline (Specify product grade)					
B. Diesel					
C. Gasohol (Including ethanol blends) Specify product grade	-				
D. Kerosene					

Tank Number	Tank No. ™B	Tank No. PRT ₫	Tank No. Diam	Tank No. º º III	Tank No
E. Used Oil/Waste Oil					
F. JP-4					
G. Non-Petroleum Hazardous Substance (CERCLA name and/or CAS#)	N/A	N/A	N/A	N/A	
H. Mixture of Substances (Please specify)	N/A	N/A	N/A	N/A	
I. Other, please specify.	F-24	F-24	F-24	F-24	
Substance Compatible with Tank and Piping? Yes/No	Yes	Yes	Yes	Yes	
6. Tank (Mark all that apply)					
A. Manufacturer and Model	Steel Tank Institute/STI-P3	Steel Tank Institute/STI-P3	N/A	N/A	
B. Underwriters Laboratory No.	UL-58	UL-58	N/A	N/A	
C. Primary Containment Material or Single-	Walled Tank				
i. Fiberglass reinforced plastic					
ii. Steel	√	√			
iii. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material					
i. Fiberglass reinforced plastic					
ii. Steel	V	V			
iii. Other, please specify.	N/A	N/A	N/A	N/A	
iv. None					
E. Corrosion Protection (except fiberglass r	einforced plastic t	anks)			
i. Fiberglass coated steel					
ii. Double-walled steel	✓	\checkmark			
iii. Impressed current system	V	V			
iv. Sacrificial anode system					
v. Corrosion expert determination					
vi. Other, please specify.	N/A	N/A	N/A	N/A	
7. Piping					
A. Manufacturer and Model	Unknown	Unknown	Unknown	Unknown	
B. Underwriters Laboratory No.	Unknown	Unknown	Unknown	Unknown	

Tank Number	Tank No. PRT	Tank No. PRT	Tank No.	Tank No. ┺■	Tank No
C. Primary Containment Material or Single	-Walled Piping	-		,	<u> </u>
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Steel	V	V	√	V	
iv. Other, please specify.	N/A	N/A	N/A	N/A	
D. Secondary Containment Material	'				
i. Fiberglass reinforced plastic					
ii. Flex piping					
iii. Lined trench	√	√			
iv. Other, please specify.	N/A	N/A	N/A	N/A	
v. None			√	✓	
E. Corrosion Protection (except fiberglass i	reinforced plastic	piping)			
i. Fiberglass coated steel					
ii. Impressed current system	<u> </u>	√	√	7	
iii. Sacrificial anode system					
iv. Corrosion expert determination					
v. Other, please specify.	N/A	N/A	N/A	N/A	
Method of Product Dispensing				<u> </u>	
A. Unsafe Suction (valve at tank)					
B. Safe Suction (no valve at tank)					
C. Pressure			√	\	
D. Not Applicable	V	✓			
Spill prevention equipment					
A. Manufacturer and Model	N/A	N/A	N/A	N/A	
B. Capacity (gallons)	N/A	N/A	N/A	N/A	
10. Overfill prevention equipment	V	V			
A. Automatic shutoff device (flapper) Make and Model					
B. Overfill alarm Make and Model	Veeder-Root TLS-350 PLUS	Veeder-Root TLS-350 PLUS			
C. Ball float valve Make and Model	ILG-930 FLUS	TEGGGG FEUG			

Tank Number	Tank N	lo. Par 🗖	Tank N	lo. PRT 🔠	Tank N	10. Dam 113	Tank N	lo. 🏧 🚻	Tank N	lo
11. Release Detection (Mark all that apply)	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. Manual tank gauging		NA		NA		NA		NA		NA
B. Tank tightness testing		NA		NA		NA		NA		NA
C. Inventory control		NA		NA		NA		NA		NA
D. Automatic tank gauging		NA		NA		NA		NA		NA
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring	✓		V							
H. Statistical inventory reconciliation										
Automatic line leak detectors (Yes/No)	NA	N/A	NA	N/A	NA	N/A	NA	N/A	NA	N/A
If YES, specify type.										
J. Line tightness testing	NA	V	NA	✓	NA	√	NA	√	NA	
K. Other method approved by the Department. Please specify	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

Dispenser Unit	Manufacturer of Dispenser	Dispenser Serial #	Under Dispenser Containment installed (Yes/No) - Installation Date
1			N/A
2			N/A
3		·	N/A
4			N/A
5			N/A
6			N/A
7			N/A
8			N/A
9			N/A
10	•		N/A
11	-		N/A
12			N/A

Tank Number	Tank No. PR™	Tank No. <u>™ fa</u>	Tank No. <u>⁰≕</u>	Tank No. <u>™∎</u>	Tank No
Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe	·				
F. Change in service					
Site Assessment Completed (Y/N)					
3. Evidence of a Leak Detected (Y/N)				_	

XII. CERTIFICATION OF COMPLIANCE FOR REPAIRS (Complete for each tank at this location)

Tank Number	Tank No. PRT.	Tank No. 🎮 🗗	Tank No. Diam	Tank No. 🛅	Tank No
A. Date Repaired	N/A	N/A	N/A	N/A	
B. Provide description of repair along w	ith the Tank Numb	per (Attach addition	nal sheet if necess	ary.)	
C. Select one of the following: i. Installation certified by tank and piping manufacturers					
ii. Installation inspected by a registered engineer.					
iii. Manufacturer's installation checklists have been completed and documented					
iv. Another method allowed by the department. Please specify					

XIII. CERTIFICATION (Read and sign after completing all sectio
--

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

	(b) (6		Regional Environmental Program Director
Print or Type Name of owner or owner's authorized representative			Official Title
	h) (6		16 Jul 2021
Signature			Date Signed
Status of Signa	tory (Mark as appropriate)		
1.	Corporation:	principal executive officer	
		duly authorized representative	
2.	Partnership:	general partner	
3.	Sole proprietorship:	proprietor	
4.	Government entity:	principal executive officer	
	·	ranking elected official	





ENGINEERING, INC.

SUITABILITY FOR SERVICE TESTAMENT SURGE TANK 1 (FACILITY NO. 1224)

Enterprise Engineering Inc. (EEI), under contract to APTIM (NAVFAC EXWC Contract No. N39430-15-D-1632, Task Order 3974318F4132), completed a comprehensive, out-of-service external and internal integrity inspection and suitability for service evaluation of Surge Tank 1 at NAVSUP FLC Pearl Harbor, Hawaii. The out-of-service inspection was performed from August 10 through August 24, 2020. Subsequently, APTIM completed repairs identified in the Statement of Work and EEI's Final Condition Assessment Report (Pre-Repair) dated October 2020.

EEI performed a post-repair inspection of Tank 1 on April 19, 2021. The inspection determined repairs are complete except for the vent line screen which will be completed after the ventilation hose is removed, prior to placing the tank back in service. All repairs are in accordance with the repair design documents. This report provides a summary of the repairs identified in EEI's Final Condition Assessment Report (Pre-Repair), the status of repairs, a revised DLA-E Tank Condition Form (Post-Repair), and the Final Condition Assessment Report (Pre-Repair).

EEI recommends the next internal out-of-service inspection be scheduled no later than April 2031 (10 years after the April 2021 inspection), or sooner if a change in condition has occurred.

Based on the inspection of the repairs and review of the repair documentation, EEI has determined Tank 1 is suitable to return to service

POST-REPAIR

April 28, 2021

Date

April 28, 2021

Date

April 28, 2021

Date

Surge Tank 1 – Post Repair Inspection NAVSUP FLC JB Pearl Harbor-Hickam, HI (PRL) EEI Project No.: 9219

API 653 AST Inspector Certificate No. (b) (4)

SUITABILITY FOR SERVICE TESTAMENT April 2021





APTIM | Government Services 12005 Ford Road; Suite 600 Dallas, TX 75234

FISC Red Hill Pearl Harbor, HI

Scope of Work:

Furnish required management, labor, services, materials and equipment to perform the required annual tightness testing of Tank # S1224 (Surge 1) an underground fuel storage tank located at FISC Red Hill, Pearl Harbor, HI.



Summary

Testing of Tank # S1224 (Surge 1) a 420,000-gal underground storage tank located at FISC Red Hill, Pearl Harbor, Hawaii commenced June 16, 2021 and was completed June 19, 2021. The result of that testing is that the tank system is determined to be tight to isolation. Testing was performed using the protocols set out in the third-party evaluations. All tank valves were adequately secured such that any fluid loss was isolated to leakage. Therefore, the containment integrity of the tank was not compromised and the test is considered conclusive.

Tank # S1224 (Surge 1): After 72 hours of testing the tank is certified to be tight.

