0027779

Department of Energy
Richland Field Office
P.O. Box 550
Richland, Washington 99352

FEB 22 1993

93-RPB-052

9302191

Mr. David B. Jansen, P.E.
Hanford Project Manager
State of Washington
Department of Ecology
Post Office Box 47600
Olympia, Washington 98504-7600

Dear Mr. Jansen:

UNDERGROUND STORAGE TANK INFORMATION

Enclosed are Tightness Testing Checklists for Underground Storage Tanks (USTs) 241-A-701 and 241-A-701-2 and a Washington State Underground Storage Tank Notification Form for UST 241-A-701-2. The tanks are located in the 200 East Tank Farm Area.

During routine tightness testing of tank 241-A-701, another operational tank was discovered but is neither registered nor permitted. This tank, now designated as 241-A-701-2, is a 500 gallon single wall carbon steel tank that supplies diesel fuel to an emergency generator. The tank, which also services the 241-A-701 Building, passed tightness testing. Leak detection is being employed in accordance with the UST regulations.

Initial notification of UST 241-A-701-2 was sent by facsimile to the State of Washington Department of Ecology (Ecology) on October 27, 1992. This was done in response to a discussion between Ms. Joyce Smith of your UST Permitting Group and Mr. Michael Mihalic from the Westinghouse Hanford Company.

Ecology provided us with the UST Permit for tank 241-A-701-2. We have completed the appropriate information and are returning it for validation by your office.

Investigation as to why this tank was not previously reported suggested personnel turn-over and loss of continuity in the operation of the tanks. The operators are familiar with the regulations and requirements governing operation of USTs, but for unknown reasons the tank was never reported on the questionnaires sent to all the operators for initial registration/permitting.

MAY 1993
RECEIVED
EDMC

If you have any questions or require additional information, please contact Ms. Annabelle Rodriguez on (509) 372-0277.

Sincerely,

James D. Bauer, Program Manager
Office of Environmental Assurance,
Permits, and Policy

EAP:ALR

Enclosures
1. Tightness Testing Checklists
2. UST Notification Forms
3. UST Permit

cc w/o encl:
P. Day, EPA
D. Nylander, Ecology
L. Goldstein, Ecology
J. Phillips, Ecology
M. Mihalic, WHC
T. Wintczak, WHC

9302191
Enclosure 1
Total Pages 4

UNDERGROUND STORAGE TANK
Tightness Testing Checklist

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S. Department of Energy - Richland Operations

Owners Address: 825 Jadwin (Street) 550 (P.O. Box)
Richland (City) WA (State) 99352 (Zip+4 (required))

Telephone: (509) 376-7387

Site ID Number (on invoice or available from Ecology if tank is registered): 012763

Site/Business Name: U.S. Department of Energy - Richland Operations

Site Address: 825 Jadwin P.O. Box 550 (Street) Benton (County)
Richland (City) WA (State) 99352 (Zip+4 (required))

2. TIGHTNESS TESTING PERFORMED BY:

Firm: EARTH SCIENCE TECHNOLOGY

Service Provider License Number: S000255

Address: 8196 SW HALL BLVD. SUITE 210 (Street) (P.O. Box)
BEAVERTON (City) OREGON (State) 97005-6411 (Zip+4 (required))

Telephone: (503) 643-5374

Licensed Supervisor: Dawn R Nampton

Supervisor License Number: W001764

additional tanks you may photocopy this form p[illegible] completing.

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology: [illegible]
2. Date installed: 1964.
3. Tank capacity in gallons: 500
4. Date of tightness test: 9-29-92
5. Last substance stored: DIES
6. Is tank compartmentalized? No
7. Tank is: ✓ single wall ____ double w[illegible]
8. Reason for conducting tightness test:

   ✓ To comply with leak detection requirements in UST rules

   ____ To bring temporarily closed tank back into service

   ____ Tank or piping repair

   ____ Other (describe) ____

9. Type of test conducted:

   ____ Tank tightness test only

   ____ Line tightness test only

   ____ Tank and lines tested separately

   ✓ Total system test (tank and lines tested together)

10. Test method type:

   ✓ Overfill

   ____ Underfill volumetric

   ____ Nonvolumetric

11. Tightness testing method(s) used (indicate if more than one method was used - see note following item 12):

   Test method name/version HORNER EZY CHEK

   Test method manufacturer HORNER MFG.

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 100

> Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested *up to the 95% full level.* When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Customer mgr

4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) *NOTE: A copy of Ecology's policy for demonstrating tank detection methods meet performance standards may be obtained by contacting Ecology's [illegible] section in Olympia.*	DH		

*Item not applicable

(check [illegible] rules on page 3)

9 2 1 2 7 3 9 1 9 2 5

2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	DH		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	DH		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	DH		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)	DH		
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) *Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.*	DH		
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?	DH		
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: DH Passed ____ Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: ____ Tank ____ Piping System If known, the leak rate is: _____ gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

09/29/92 — Date

Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

9-22-92 — Date

J. Joseph Moriarty — Signature of Licensed Service Provider firm (owner or person with signature authority)

2-8-93 — Date

Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Tightness Testing Checklist

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A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

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1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S. Department of Energy - Richland Operations

Owners Address: 825 Jadwin (Street) 550 (P.O. Box)
Richland (City) WA (State) 99352 (Zip+4 (required))

Telephone: (509) 376-7387

Site ID Number (on invoice or available from Ecology if tank is registered): 012763

Site/Business Name: U.S. Department of Energy - Richland Operations

Site Address: 825 Jadwin P.O. Box 550 (Street) Benton (County)
Richland (City) WA (State) 99352 (Zip+4 (required))

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Firm: EARTH SCIENCE TECHNOLOGY

Service Provider License Number: S000255

Address: 8196 SW HALL BLVD. SUITE 210 (Street) P.O. Box
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Telephone: (503) 643-5374

Licensed Supervisor: Paul R Hampton

Supervisor License Number: W001764

additional tanks you may photocopy this form prior to completing.

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology) 2 2
2. Date installed: 1957
3. Tank capacity in gallons: 500
4. Date of tightness test: 9-29-92
5. Last substance stored: Dies
6. Is tank compartmentalized? ~~9-29-92~~ NO
7. Tank is: ✓ single wall ___ double wall
8. Reason for conducting tightness test:
   - ✓ To comply with leak detection requirements in UST rules
   - ___ To bring temporarily closed tank back into service
   - ___ Tank or piping repair
   - ___ Other (describe) ___
9. Type of test conducted:
   - ___ Tank tightness test only
   - ___ Line tightness test only
   - ___ Tank and lines tested separately
   - ✓ Total system test (tank and lines tested together)
10. Test method type:
    - ✓ Overfill
    - ___ Underfill volumetric
    - ___ Nonvolumetric
11. Tightness testing method(s) used (indicate if more than one method was used - see note following item 12):

    Test method name/version HORNER EZY CHER

    Test method manufacturer HORNER MFG.
12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 100

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13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): customer info

4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) *Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.*	DH		

*Item not applicable

(checklist co[illegible] page 3)

9 2 1 2 7 5 9 1 9 2 8

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8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: DH Passed ____ Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: ____ Tank ____ Piping System If known, the leak rate is: _____ gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

09/29/92 — Date

Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

9-22-92 — Date

Signature of Licensed Service Provider firm (owner or person with signature authority)

7-9-93 — Date

Signature of Tank Owner or Authorized Representative

9302191
Enclosure 2
Total Pages 3

WASHINGTON STATE UNDERGROUND STORAGE TANK NOTIFICATION FORM

IMPORTANT: PLEASE READ ALL INSTRUCTIONS ON PAGES I-1 AND I-2 BEFORE ENTERING INFORMATION.

- ABOVEGROUND TANKS MUST BE REPORTED IF THE CONNECTED UNDERGROUND PIPING COMPRISES AT LEAST 10% OF THE OVERALL STORAGE SYSTEM (TANK AND PIPING).
- A SEPARATE FORM MUST BE USED FOR EACH SITE. EXCEPT FOR SITES WITH ONLY ONE TANK EACH. SEE THE GENERAL INSTRUCTIONS (PAGE I-2) FOR THE DEFINITION OF A SITE AND DETAILS ON REPORTING SITES WITH ONE TANK EACH.
- THERE IS ROOM IN SECTION VI FOR INFORMATION CONCERNING 15 TANKS. IF YOU HAVE MORE THAN 15 TANKS, PHOTOCOPY BOTH PAGES OF SECTION VI BEFORE ENTERING ANY INFORMATION. (IF YOU HAVE MORE THAN ONE SITE, EITHER OBTAIN MORE FORMS FROM THE DEPARTMENT OF ECOLOGY OR BE SURE TO ALSO PHOTOCOPY THIS PAGE.)
- PLEASE TYPE, OR PRINT IN INK; THE SIGNATURE UNDER "CERTIFICATION" (SECTION V) MUST BE SIGNED IN INK.

STATE USE ONLY

I. OWNERSHIP OF THE TANK(S)

Please enter information regarding the owner of the tank(s). If the ownership of the tank(s) is uncertain, enter information regarding the owner of the property where the tanks are located, or information regarding the former owner of the tanks. Please circle the correct letter, indicating who the information given below refers to:

A. OWNERSHIP UNCERTAIN X B. CURRENT OWNER OF TANK(S) C. FORMER OWNER OF TANK(S) D. PROPERTY OWNER

E. OTHER (PLEASE SPECIFY): _____

US DEPARTMENT OF ENERGY RICHLAND OPER.
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

825 Jadwin Avenue PO Box 550
Street Address

Richland | WA | 99352-
City | State | ZIP Code

Benton | 509-376-7383
County | Area Code | Phone Number

Type of Owner or Facility: CIRCLE CORRECT CODE(s)

CODE	TYPE	CODE	TYPE	CODE	TYPE	CODE	TYPE
A.	Service Station	G.	Industrial/Manufacturing	M.	City/Town	S.	Port District
B.	Bulk Plant	H.	Private Institution	N.	County	T.	Utility District
C.	Petroleum Distributor	I.	Residence (Non-Farm)	O.	State	U.	Fire Dept./District
D.	Convenience Store	J.	Farm	P.	Federal (Military)*	V.	Other Special Service District (e.g., sewer, water)
E.	Auto Dealer	K.	Airport	XX Q.	Federal (Non-Military)*	W.	Other
F.	Other Commercial/Retail	L.	Marina	R.	School District		

*FEDERAL FACILITIES ONLY: Please give your GSA Facility ID Number (Building Number). 08967

II. CONTACT PERSON AT THE TANK LOCATION

The contact person should be the individual responsible for regularly monitoring the operation of the tank(s).

MA Mihalic
Name (If same as Section I, mark box here ☐)

WHC/UST Program Mgr. | 509-376-0967

III. SITE OF THE TANK(s)

(If the same as Section I, mark box here. ☒) See the General Instructions (Page I-2, 2.a.) for the definition of a site.

Facility Name or Company Site Identifier, as applicable. (IF THE FACILITY IS OPERATED BY A LEASEE OR RENTER, THE NAME OF THE CORPORATION, INDIVIDUAL, PUBLIC AGENCY, OR OTHER ENTITY WHICH OPERATES THE FACILITY SHOULD BE ENTERED HERE.)

Street Address or State Road where the tanks are located. (IF NO STREET ADDRESS OR STATE ROAD, PLEASE ENTER THE LONGITUDE AND LATITUDE OR TOWNSHIP, RANGE, AND QUARTER SECTION WHERE THE TANKS ARE LOCATED.)

City | State | ZIP Code

County | Area Code | Phone Number

HANFORD SITE

IV. THE TOTAL NUMBER OF TANKS AT THIS SITE

1.	Number of tanks containing petroleum, which are now in use:	48
2.	Number of tanks which have stored petroleum, but are not now in use:	13
3.	Number of tanks containing regulated chemicals, which are now in use:	4
4.	Number of tanks which have stored regulated chemicals, but are not now in use:	4
	TOTAL NUMBER OF TANKS	69

Please mark this box if the site is located on land within an Indian reservation or on other Indian trust lands ☐

V. CERTIFICATION (Please read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents. To the best of my knowledge and belief, the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative or, in cases where the ownership is unknown, the name and title of the person signing the form. (PLEASE TYPE OR PRINT IN INK.)

2-8-93

VI. INFORMATION REGARDING INDIVIDUAL TANKS

a. Tank Identification	b. Tank Status	c. Age of the Tank	d. Capacity of the Tank	e. Tank Construction	f. Leak Detection	g. Cathodic Protection	h. Internal Protection
Please list your tanks numerically (1, 2, 3, etc.) or use an established tank identification number or code. The information in the following columns should apply to the tank identified in the corresponding row of this column.	Please put the correct letter for each tank in the appropriate row of the column below. A. Currently in use. B. Temporarily out of use. C. Permanently out of use. D. Brought into use after 5/8/86.	If the year of installation of the tank is known, please enter the last 2 digits of that year in the appropriate row. If the exact year of installation is not known, please estimate as closely as possible, using the groupings shown below (choose a letter and put it in the appropriate row.) A. Less than 1 year B. 1-2 years C. 3-5 years D. 6-10 years E. 11-15 years F. 16-20 years G. 21-30 years H. More than 30 years	Please put the correct letter for each tank in the appropriate row of the column below. If the exact capacity isn't known, please choose an estimate. A. Under 500 gallons B. 500-999 gallons C. 1,000-4,999 gallons D. 5,000-9,999 gallons E. 10,000-19,999 gallons F. Over 20,000 gallons	Please put all the letters which apply to each tank in the appropriate row of the column below. (If "Other" (H) please enter type of material.) A. Carbon Steel B. Stainless Steel C. Steel, type unknown D. Fiberglass Reinforced Plastic E. Plastic F. Concrete G. Aluminum H. Other Material (please specify) I. Unknown Material J. Single Walled K. Double Walled L. Has secondary containment M. Has overfill protection	Please put all the letters which apply to each tank in the appropriate row of the column below. (If "Other" (N) please also enter type of detection.) A. Daily inventory B. Tightness/Leak test within past year C. In-tank system D. In-piping system E. Product gauge F. Electronic sensor G. Manually sampled well(s) H. Automatically sampled well(s) I. Well or detector in secondary containment J. In-ground detector K. Between walls of double-walled tank L. Groundwater monitoring plan M. Spill Prevention Control and Countermeasure Plan N. Other (please specify) O. None	Please put the correct letter for each tank in the appropriate row of the column below. (If "Other" (C) please also enter the type of protection.) A. Sacrificial Anode/Galvanic Type B. Impressed Current Type C. Other Type (please specify) D. Cathodically Protected, Type Unknown E. None F. Unknown	Please put the correct letter for each tank in the appropriate row of the column below. (If "Other" (F or I) please also enter the type of protection.) A. Rubber Lining B. Alkyd Lining C. Epoxy Lining D. Phenolic Lining E. Glass Lining F. Other Lining (please specify) G. Lined, type unknown H. Unlined I. Other internal protection (please specify) J. Unknown
241-A-701-2	A	G	B	A,J	A,B	E	J

Please enter the same identification used in column a.	Please put the correct letter for each tank in the appropriate row of the column below. (If "Other" (D or G) please also enter the type of coating and/or wrapping.) A. Asphalt Coated B. Fiberglass Reinforced Plastic Coated C. Epoxy Coated D. Other Coating (please specify) E. Vinyl Wrapped F. Polyethylene Wrapped G. Other Wrapping (please specify) H. None I. Unknown	Please enter all the letters which apply to the portion of the piping which is underground. (If "Other" (D) please also enter the type of material.) A. Bare Steel B. Galvanized Steel C. Fiberglass Reinforced Plastic D. Other Material (please specify) E. Coated with non-corrosive materials F. Cathodically Protected G. Double-walled H. Within a secondary containment I. Protected with interior lining J. In native soil rather than backfill K. In backfill rather than native soil L. Not certain regarding backfill/native soil M. Details of piping are unknown N. None of the piping is underground	Stored in the Tank Please put the correct letter for each tank in the appropriate row of the column below. 1. If the substance is a hazardous substance (J) rather than a petroleum product, please also enter the name of the substance or its Chemical Abstract Service (CAS) number. (See "What Substances Are Covered"? on page I-1 of the instructions for information regarding hazardous substances.) 2. If different substances are stored in the tank at different times, or if a mixture of substances is stored, please enter all letters which apply. A. Leaded gasoline B. Unleaded gasoline C. Alcohol enriched gasoline D. Diesel fuel E. Aviation fuel F. Kerosene G. Nos. 1, 2, or 4 fuel oil H. Nos. 5 or 6 fuel oil I. Used oil/Waste oil J. Hazardous substance K. Other (Please specify) L. Unknown M. Empty	THESE ITEMS REFER ONLY TO TANKS PERMANENTLY OUT OF SERVICE. PLEASE LEAVE THE ROWS FOR THE TANKS STILL IN SERVICE BLANK.		
				l. Date of Last Use If the exact month and year of last use isn't known, please enter an estimate. (Use two digits for the month and two for the year; e.g., 06-84.)	m. Quantity Left in the Tank If the exact amount left in the tank isn't known, please enter an estimate, in gallons.	n. Was the Tank Filled? Was the tank filled with an inert material, such as sand or concrete? Was it filled with water? Please put the correct letter in the appropriate row of the column below. A. The tank was filled with an inert material. B. The tank was filled with water. C. The tank was not filled. D. Unknown
241-A-701-2	H	A	D			

9302191
Enclosure 3
Total Pages 2

UNDERGROUND STORAGE TANK INFORMATION UPDATE

Please check all of the information on this page to make sure it is correct. Make any changes on this page, and fill in any missing or incorrect information in the corrected information column.

RECEIVED
NOV 0 2 1992
DOE-RL/CCC

TANK OWNER INFORMATION

Current Information | Correc... (PE)

A. OWNER NUMBER: U0007159
O
O

[A] [
[O]

Please fill in completely + return to RL

TANK ... rmation

Corrected Information (PRINT OR TYPE)

[A] [B] [C] [D] [E] [F] [G] [H] [I] [J]
[K] [L] [M] [N] [P] [Q] [R] [S] [T]
[O]:

TANK ... rmation

Corrected Information

Mark out the correct choice for each item by coloring between the brackets. If the Current Information is correct, you do not need to fill in that item. See the example and instruction booklet for more information on using this form.

A. TANK ID: 241-A-701-2 FEE PAID:

B. TANK STATUS:	A - OPERATIONAL	[A] [B]
C. INSTALLATION DATE:		01/01/58
D. TANK SIZE:	~~[illegible]~~	[redacted] [B] [C] [D] [E] [F] [G] [H]
E. TANK MATERIAL:	A - STEEL UNPROTECTED	[A] [B] [C] [D] [E] [O]:
F. TANK CONSTRUCTION:	A - SINGLE WALL	[A] [B] [C] [O]:
G. COMPARTMENTS:		[redacted] [2] [3] [4] [O]:
H. TANK RELEASE DETECTION:	-	[redacted] [redacted] [redacted] [D] [E] [F] [G] [H] [O]:
I. TANK CORROSION PROTECTION:	E - NO CORROSION PROT	[A] [B] [C] [D] [E] [O]:
J. SPILL PREVENTION:	-	[A] [B] [redacted] [O]:
K. OVERFILL PREVENTION:	-	[A] [B] [C] [D] [redacted] [O]:
L. PIPING MATERIAL:	A - STEEL UNPROTECTED	[A] [B] [C] [D] [E] [O]:
M. PIPING CONSTRUCTION:	-	[redacted] [B] [C] [D] [E] [O]:
N. PRODUCT DELIVERY METHOD:	-	[A] [redacted] [C] [D] [E] [O]:
O. PIPING RELEASE DETECTION:	-	[A] [B] [C] [redacted] [E] [F] [G] [O]:
P. PIPING CORROSION PROTECTION:	-	[A] [B] [C] [D] [redacted] [O]:
Q. SUBSTANCE STORED:	D - DIESEL FUEL	[A] [B] [C] [D] [E] [F] [G] [H] [I] [O]:
R. SUBSTANCE USE:	-	[A] [B] [redacted] [D] [E] [O]:
S. FIN. RESP. CLASS:	H - STATE/FEDERAL GOVT.	[A] [B] [C] [D] [E] [F] [G] [H] [I]
T. FIN. RESP. METHOD:	-	[A] [B] [C] [D] [E] [F] [G] [redacted] [I] [J]

SWORN STATEMENT: I hereby swear under penalty of law that, based on my review of the underground storage tank self-certification of compliance and tank information update and my knowledge of the tank identified by the above tank id number, this tank is in compliance with applicable state requirements. Also, any new or corrected information required on this form has been entered accurately. I understand that false statement may result in this permit being immediately revoked and I may be subject to penalties under Chapter 173-360 WAC.

PRINT OR TYPE: John D. Wagoner, Manager
Name and Official Title of UST Owner or UST Owners's Authorized Representative

Underground Storage Tank Perm
Washington Department of Ecology
This permit is valid only when stamped by the Department of Ecology and
MUST BE DISPLAYED AT THE UNDERGROUND TANK SITE.

SWORN STATEMENT - I hereby swear under penalty of law that the underground storage tank identified at the right is in compliance with applicable state requirements.

Print or Type: John D. Wagoner, Manager
Name and Title of UST Owner or UST Owner's Authorized Representative

Signature of UST Owner or Authorized Representative

SITE ID: 012763
RICHLAND OPERATIONS
825 JADWIN AVE
PO BOX 550
RICHLAND, WA 99352-3562

Owner: U0007159

US DEPT OF ENERGY RICHLAND OPERATION
825 JADWIN AVE
PO BOX 550
RICHLAND, WA 99352-3562

Tank ID: 241-A-701-2

This space provided for owner to identify the tank to product distributor

If this permit should be sent to an address that is different from the owner's, please place a correctly addressed mailing label over the address shown above.

(DO NOT DETACH - RETURN ALL PARTS OF THIS FORM TO ECOLOGY)

FOR OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

OWNER ID: U0007159
US DEPT OF ENERGY RICHLAND OPERATION
825 JADWIN AVE
PO BOX 550
RICHLAND, WA 99352-3562
(509) 376-5441

SITE ID: 012763
RICHLAND OPERATIONS
825 JADWIN AVE
PO BOX 550
RICHLAND, WA 99352-3562

TANK ID: 241-A-701-2

DATE RECEIVED:

PERMIT ISSUED:

NOTES:

UST SYSTEM PERMIT DATA

Tank ID: #2 241-A-701-2

Associated Building:

Tank Status:

(A) Operational - Tank is in use.
B. Temporarily closed - A tank can be considered temporarily closed for three months before it must have the product lines, pumps, and entry ways capped and secured. Any required corrosion and release protection must be maintained. A tank can be designated as temporarily closed for up to 12 months.

Installation Date (if unknown please provide best estimate): 1957 or 1958

Tank Size (volume): 500 gal

Tank Material:

(A) Steel; uncoated, asphalt coated, or painted
B. Steel; with corrosion protective coating
C. Fiberglass reinforced plastic (FRP)
D. Steel/fiberglass composite
E. Concrete
O. Other (please explain)

Tank Construction:

(A) Single wall tank
B. Double wall tank
C. Secondary containment (other than a double wall tank)
O. Other (please specify)

Tank Release Detection: (may be more than one answer)

(A) Weekly manual gaging - Must be done over at least a 36 hour time period. Equipment should measure product over full range of tank's height and be accurate to the nearest one-eighth of an inch.
(B) Manual inventory control - Tank is sticked daily and the data is reconciled with monthly delivery and dispensing records. Equipment must meet same requirements as for answer 'A' above.
(C) Tightness testing (specify date of last test) 9/29/92
D. Automatic tank gauging - Tank has an electronic system that monitors the product level in the tank and can detect a leak of 0.2 gal/hr.
E. Vapor monitoring - A system of wells used to detect vapor in the ground. Must be operated in accordance with WAC 173-360-345.

9 2 1 2 7 3 9 1 9 3 5

F. Groundwater monitoring - A [illegible] of wells used to detect the presence of the product in the groundwater. Must be operated in accordance with WAC 173-36[illegible]245.
G. Interstitial monitoring - This detects the presence of a product or water between the walls of a double wall tank or a tank with secondary containment.
O. Other (please specify in detail)

Tank Corrosion Protection:

A. Coated steel tank with sacrificial anode
B. Coated steel tank with impressed current cathodic protection
SDT C. Uncoated steel tank with impressed current cathodic protection
D. Tank constructed of corrosion resistant material (FRP or composite tanks)
E. Tank does not have corrosion protection
SDT O. Other (please specify) None

Tank Spill Prevention

A. Catchment basin - This catches spills at the fill pipe.
B. None; tank is filled by loads of 25 gallons or less
C. None; tank is filled by loads of over 25 gallons
O. Other (please specify)

Tank Overfill Prevention

A. Automatic shutoff
B. Overfill alarm
C. Ball float valve - This restricts flow when the product level reaches a certain height.
D. None; tank is filled by loads of 25 gallons or less
E. None; tank is filled by loads of over 25 gallons
O. Other (please specify)

Piping Material

A. Steel; uncoated, asphalt coated, painted, or galvanized
B. Steel; with corrosion resistant coating
C. Fiberglass
D. Flexible piping but not flexible piping connectors
E. No piping attached to tank
O. Other (please specify)

Piping Construction:

A. Single wall pipe
B. Double wall pipe
C. Secondary containment other than double wall (i.e., fiberglass containment)
D. Piping is not underground
E. No piping
O. Other (please specify)

9 2 1 2 7 5 9 1 9 3 6

Product Dispensing Method:

- This is the way in which the product is moved from the tank to the dispenser.

A. Pressurized system - The product is pushed from the tank to the dispenser, usually with a turbine pump in the tank.
B. Suction System with check valve at or near the dispenser (lets pipes drain)
C. Suction system with check valve at or near the tank (leaves pipes full)
D. Gravity delivery system (no pump)
E. Product removed by reclaimer (used oil tanks)
O. Other (please specify)

Piping Release Detection: (may be more than one answer)

A. Automatic line leak detectors. This detects a pressure drop in the line and restricts or shuts off product flow.
B. Annual line tightness testing
C. Line tightness testing every three years
D. Suction system designed with product check valve at or near the dispenser. This means that the lines are empty when the product is not being pumped.
E. Vapor monitoring
F. Groundwater monitoring
G. Interstitial monitoring
O. Other (please specify)

Piping Corrosion Protection:

A. Coated steel pipe with sacrificial anode
B. Coated steel pipe with impressed current cathodic protection
SDT C. Pipe Constructed of corrosion resistant material (FRP)
D. Uncoated steel with cathodic protection
SDT E. Piping does not have corrosion protection
O. Other (please specify)

Substance Stored:

- This is the product that is currently in the tank or the last known product to be stored in the tank.

A. Leaded gasoline
B. Unleaded gasoline
C. Alcohol blend gasoline
D. Diesel fuel
E. Aviation fuel
F. Kerosene
G. Used/waste oil
H. Heating oil
I. Hazardous substance
O. Other petroleum product (please specify)

9 2 1 2 7 3 9 1 9 3 7

Substance Use:

- How the product stored in the tank is used.

A. Motor fuel for vehicles
B. Heating for space or a process (i.e., a boiler)
SDT C. Emergency power generation
D. Chemical products (other than petroleum) for resale or production
E. Recycled (used oil)
SDT F. Other (please specify)

GLENN A. HESTER — Facility Representative (Print)

Glenn A Hester — Signature

10/12/92 — Date

SDT. SCOTT D. THOREN

Scott D. Thoren

9 2 1 2 7 3 9 1 9 3 3

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author	Addressee	Correspondence No.
J. D. Bauer, RL M. A. Mihalic, WHC	D. B. Jansen, Ecology	Incoming:9302191 XREF:9258238D

Subject: UNDERGROUND STORAGE TANK INFORMATION

INTERNAL DISTRIBUTION

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		M. C. Hughes	R2-81	X
		L. L. Humphreys	R2-50	
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		T. M. Wintczek	H6-27	
		R. D. Wojtasek	H6-27, Assignee	
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		EDMC	H6-08	X