



## Department of Energy

Richland Field Office  
P.O. Box 550  
Richland, Washington 99352

9306659

93-RPS-302

AUG 20 1993

Mr. David C. Nylander  
Kennewick Manager  
Nuclear and Mixed Waste Program Office  
State of Washington  
Department of Ecology  
7601 West Clearwater, Suite 102  
Kennewick, Washington 99336



Dear Mr. Nylander:

### CLOSURE CHECKLIST, SITE ASSESSMENT CHECKLIST AND REVISED REPORT FOR UNDERGROUND STORAGE TANK 130-B-1 REMOVAL

Enclosed is the completed closure checklist, site assessment checklist, and revised report for the Underground Storage Tank 130-B-1, removed from the 100-B Area on December 22, 1992. The site assessment was completed on January 4, 1993, when the sample results indicated the site was free of petroleum contamination.

Since this tank was abandoned prior to 1988, it is considered an orphan tank. The U.S. Department of Energy, Richland Operations Office and the Westinghouse Hanford Company (WHC) have been actively removing these tanks under the environmental restoration program.

If you have any questions or require additional information, please contact Ms. Annabelle L. Rodriguez of my staff on 372-0277, or Mr. Michael A. Mihalic, WHC, on 373-1382.

Sincerely,

*Robert S. Holt*

Robert G. Holt, Acting Program Manager  
Office of Environmental Assurance,  
Permits, and Policy  
DOE Richland Operations Office

EAP:ALR

*R. E. Lerch*  
R. E. Lerch, Deputy Director  
Restoration and Remediation  
Westinghouse Hanford Company

#### Enclosures

1. Checklist and Report
2. Permanent Closure Checklist

cc w/encls:

D. R. Sherwood, EPA  
R. F. Stanley, Ecology  
J. Phillips, Ecology, w/originals  
M. A. Mihalic, WHC  
T. M. Wintczak, WHC



ENCLOSURE 1

SITE ASSESSMENT CHECKLIST &  
REPORT FOR UNDERGROUND STORAGE TANK 130-B-1 REMOVAL

**SITE ASSESSMENT REPORT  
UST 130-B-1**

<b>SITE ASSESSMENT REPORT UST 130-B-1</b>	
<b>UST Site Owner:</b>	U.S. Dept of Energy, Richland Field Office
<b>Owners Address:</b>	825 Jadwin, P.O. Box 550, Richland, WA 99352
<b>Site ID Number:</b>	012763
<b>UST ID Number:</b>	130-B-1
<b>Date Removed:</b>	December 22, 1992
<b>Site Assessment Complete:</b>	January 4, 1993



## UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

For Office Use Only

Owner # \_\_\_\_\_

Site # \_\_\_\_\_

### INSTRUCTIONS:

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

**SITE INFORMATION:** Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

**TANK INFORMATION:** Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

**REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT:** Please check the appropriate item.

**CHECKLIST:** Please initial each item in the appropriate box.

**SITE ASSESSOR INFORMATION:** This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

### SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 012763

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

Site Address: 825 Jadwin P.O. Box 550 Telephone: ( 509 ) 376-7387

Richland  
City

WA  
State

99354  
ZIP-Code

### TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
130-B-1	1000 gal	regular gasoline

### REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- Investigate suspected release due to on-site environmental contamination  
 Investigate suspected release due to off-site environmental contamination.  
 Extend temporary closure of UST system for more than 12 months.  
 UST system undergoing change-in-service.  
 UST system permanently closed-in-place.  
 UST system permanently closed with tank removed.  
 Abandoned tank containing product.  
 Required by Ecology or delegated agency for UST system closed before 12/22/88.  
 Other (describe): \_\_\_\_\_

**CHECKLIST**

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

		YES	NO
1.	The location of the UST site is shown on a vicinity map.	DB X	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	DB X	
3.	A summary of UST system data is provided. (see Section 3.1)	DB X	
4.	The soils characteristics at the UST site are described. (see Section 5.2)	DB X	
5.	Is there any apparent groundwater in the tank excavation?	DB	X
6.	A brief description of the surrounding land use is provided. (see Section 3.1)	DB X	
7.	Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	DB X	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	DB X	
	- groundwater samples distinguished from soil samples (if applicable)	DB N/A	
	- samples collected from stockpiled excavated soil	DB X	
	- tank and piping locations and limits of excavation pit	DB X	
	- adjacent structures and streets	DB X	
	- approximate locations of any on-site and nearby utilities	DB X	
9.	If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	DB X	
10.	A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	DB X	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	DB X	
12.	The results of this site check/site assessment indicate that a confirmed release of a regulated substance has not occurred.	DB X	

**SITE ASSESSOR INFORMATION**

David B. Blumenkranz Westinghouse Hanford Company  
 Person registered with Ecology Firm Affiliated with  
 Business Address: P.O. Box 1970 Telephone: (509) 376-7411  
 Street: Richland WA 99352  
 City: Richland State: WA ZIP-Code: 99352

*I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.*

1-26-93 *David Blumenkranz*  
 Date Signature of Person Registered with Ecology

This report has been prepared following the latest site check/site assessment checklist from the Washington State Department of Ecology (Ecology 1992a). Each item is taken directly from the site assessment checklist and several references from the document "Guidance for Site Checks and Site Assessments for Underground Storage Tanks" (Ecology 1992b).

1.0) The location of the UST site is shown on a vicinity map.

The following maps are provided to assist in determining the location of the UST site and its physical characteristics:

- Figure 1: Hanford Site Map (page SA5)
- Figure 2: 100-B/C Area and Monitoring Wells (page SA6)
- Figure 3: 130-B-1 UST Location (page SA7)

The 130-B-1 underground storage tank system was used in support of the 1716-B bus garage. Both the tank and the building were installed in, or around, 1944. Although the service station was in service until 1968, the tank is thought to have been emptied in 1959 and filled with water. The system contained leaded fuel and was not removed with the 1716-B building demolition. This UST system is located in the 100-BC-5 operable unit, and is owned by the U.S. Department of Energy. No other UST systems are known to exist in this location.

2.0) A brief summary of information obtained during the site inspection is provided. (Section 3.2 of the site assessment guidance offers the following data items)

- Visually inspect for surface indications of a release (pavement patching, pump islands, storm drains, fill boxes or containment areas).

The tank site ground surface was native soils with no pavement or aboveground systems present. Upon removal, the tank and risers were visually inspected. Although some rust was discovered, the system was still in good condition. Minimal corrosion was found, no indication of leakage was detected, and overall tank integrity was acceptable. Spoils and the tank excavation appeared to be free of any petroleum contamination.

- Locate and verify above and below-ground components of tank and piping systems are as shown on available plans.

No drawings were found detailing the tank system or installation. Exploratory excavation was used to determine actual piping configuration, including the manifolded fill line that caused initial sticking measurements to be inaccurate (see Figure 4, Page SA8).

Figure 1: Hanford Site Map

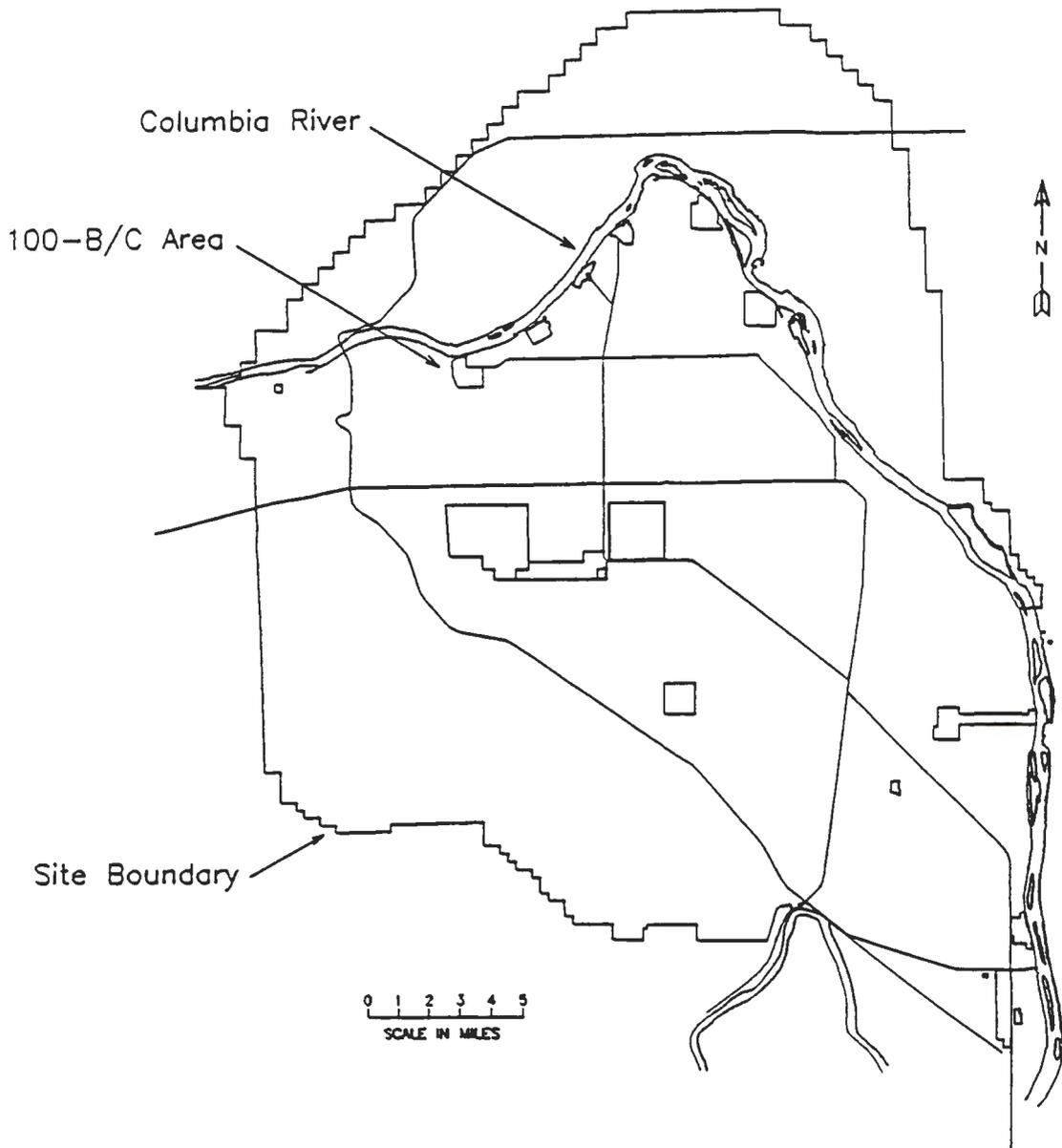
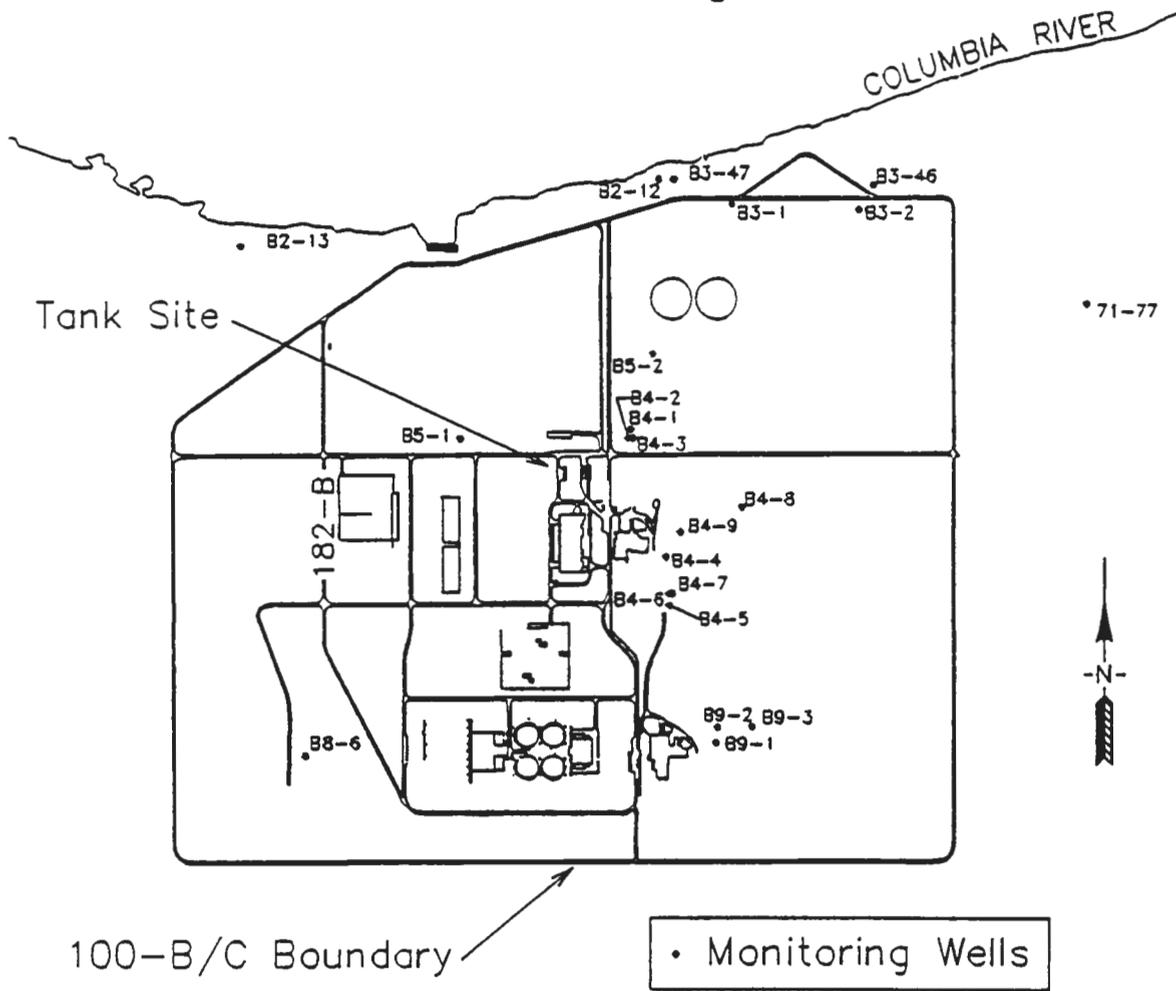
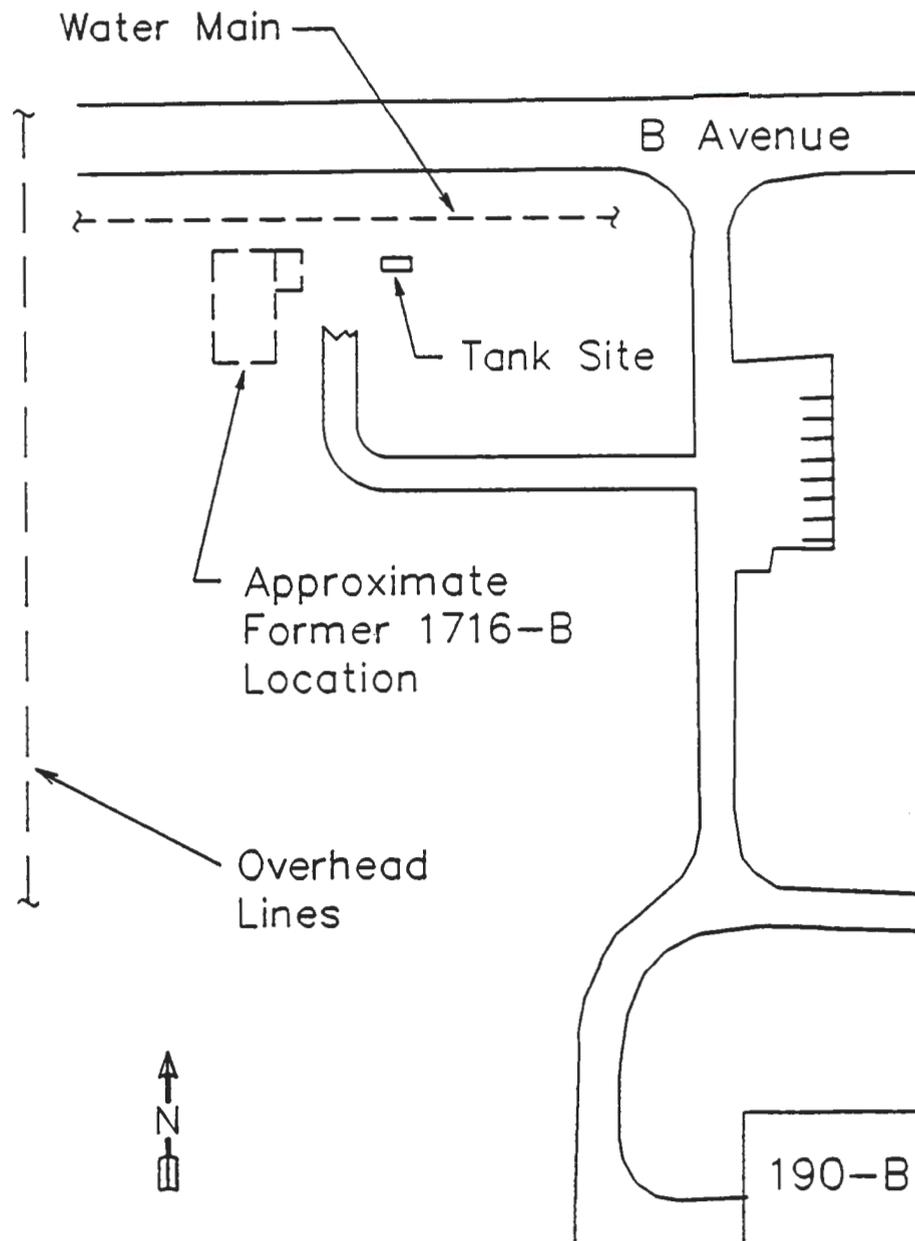


Figure 2: 100-B/C Area and Monitoring Wells



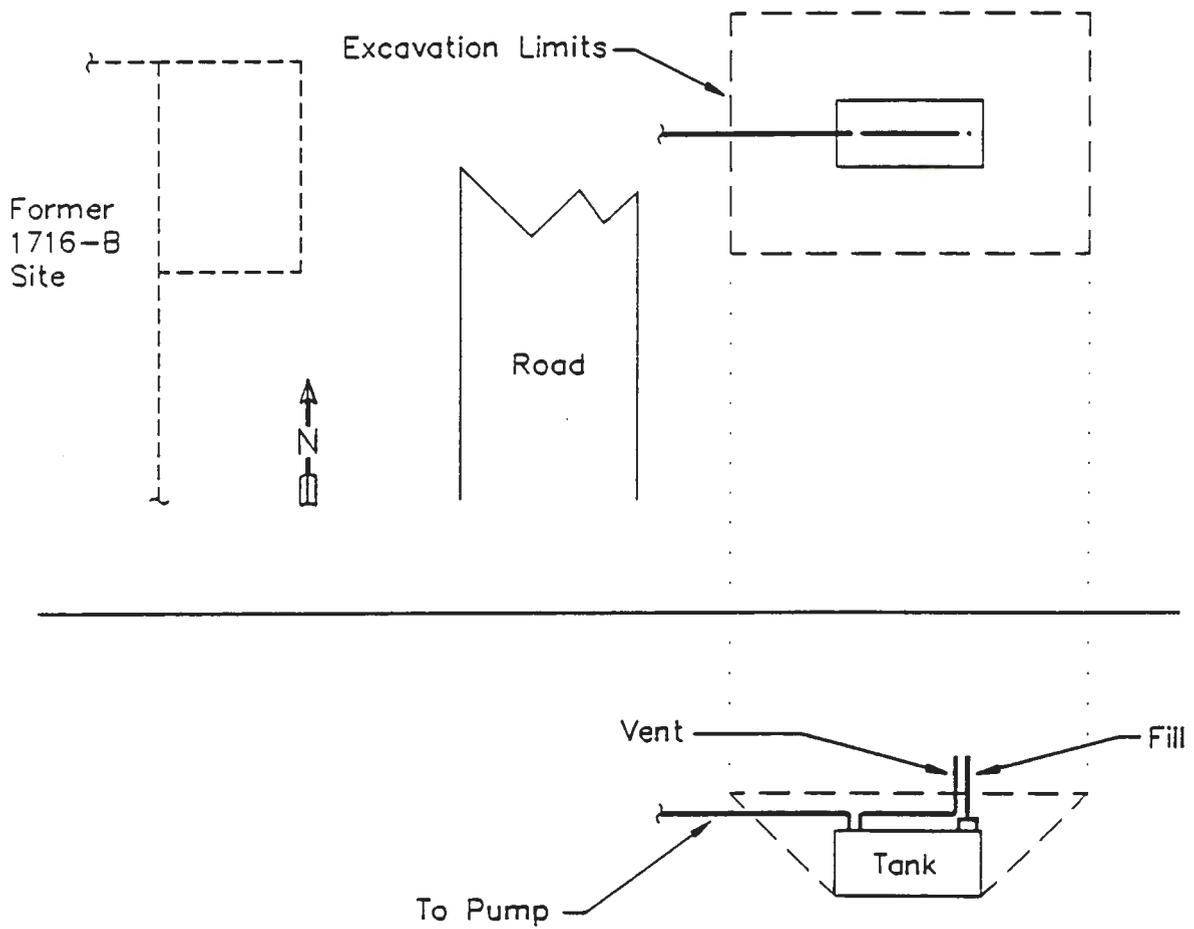
NO SCALE

Figure 3: 130-B-1 UST Location



No Scale

Figure 4: 130-B-1 Excavation



- Confirm fill status of tank(s).

In 1992, the tank was found to contain approximately 75 gallons of fuel and 900 gallons of water. It is believed that the tank was pumped in 1959 and filled with water according to tank abandonment practice of the time. The tank was emptied and rinsed on December 19, 1992.

- Determine tank size - If tank system specifications are not available, estimate tank size (measure tank height through vent for fill pipe).

Upon removal, the tank was found to be 4 feet 9 inches in diameter and 7 feet 8 inches long, with a 1000 gallon capacity.

- Inspect site for above-ground utilities (such as power lines), and look for surface indications of below-ground utilities

A ground penetrating radar survey indicated a water main 20 feet to the north of the tank. Overhead power lines run north/south approximately 180 feet to the west of the tank.

3.0) A summary of UST system data is provided. (Section 3.1 of the site assessment guidance offers the following data items)

- Date of installation and name of installer.

Installation was completed in ~1944 by the Hanford Engineering Works.

- Dates of use and current status.

The 130-B-1 underground storage tank system was used in conjunction with the 1716-B service station. The tank was installed in ~1944 and was used to store leaded fuel. In ~1959, the tank was emptied, filled with water, and abandoned. In preparation for decommissioning activities, the tank was emptied and rinsed on December 19, 1992, and removed on December 22, 1992.

- Number of tanks, location, capacity, dimensions, age, and material of construction of existing UST system(s), including fill pipes, vent piping, pumps, valves, distribution piping and flex connectors.

The 130-B-1 underground storage tank system was the only UST system known to exist in the area significant to this report. Its location can be identified in Figures 1, 2, and 3. Dimensions are 4 feet 9 inches in diameter and 7 feet 8 inches long, with a 1000 gallon capacity. The single shell steel tank is assumed to have been installed with the 1716-B bus garage in 1944. All known piping was also constructed of steel.

- Numbers and location of any previously removed UST's.

No other USTs have been removed from the 100 B Area.

- Types of substances stored in UST (current and historical).

Only leaded fuel is known to have been stored in the 130-B-1 UST.

- Depth, width, and type of bedding/backfill materials used to surround the tank(s) and piping.

The natural tank bedding consisted primarily of stone and cobbles with little fines. It would best be described as "GM" based on the terminology of the United Soil Classification System (Table 5.1, Ecology 1992b). Visual inspection showed that no secondary containment system or leak detection equipment was associated with this UST system.

- Types and locations of leak detection systems, secondary containment systems, and groundwater monitoring wells located on site.

No leak detection system or secondary containment was associated with the 130-B-1 underground storage tank system. Monitoring wells of interest are 199-B4-1, 2, and 3 (see Figure 2 and Figure 5, page SA6 and SA11).

- Location of any hold-down pads or deadman anchoring systems.

No hold-down pads or deadman anchoring systems were associated with the 130-B-1 tank.



- **History of compliance and performance:**

Installation date: ~1944  
Period of use: 1944 - 1959  
30 day NOI to close: 07/16/92  
Removal date: 12/22/92

The tank was not permitted since it was abandoned in 1959.

- **Status of regulatory compliance.**

The tank was pumped of product, filled with water, and abandoned in ~1959. Therefore, it was exempt from Washington Administrative Code 173-360, "Underground Storage Tank Regulations" by section 395, "Applicability to Previously Closed UST Systems".

- **Repair records.**

No known major repairs were made to this tank or were obvious during removal activities.

- **Current permits, including permit issue dates.**

None

- **Previous known leaks (type, volume or leak rate, and date) and:**

The 130-B-1 UST had no known leaks.

- **Inventory records**

Leaded fuel was stored in the 130-B-1 UST. Fill records and inventory records are unavailable.

- **Tightness testing records**

Tightness testing probably was not performed on this tank during its active life (~1944-1959).

- **Records of water pumpouts from tanks**

There were no records of water pumpouts from the tank prior to the December 19, 1992, pumping.

- Records of neighbor's complaints

None.

- Records of fire department inspections

None.

- 4.0) The soils characteristics at the UST site are described. (Section 5.2.1 *Soils Characterization*, of the site assessment guidance states:)

*"For Ecology to adequately review site assessment reports, qualitative descriptions of the surface gradient and soils at the UST site need to be provided. To ensure that all site assessment reports use consistent language for characterizing soils, the terminology shown in the United Soil Classification System (Table 5.1) shall be used. Contaminant fate and transport is determined by soil characteristics and can influence the selection of sampling locations."*

Section 3.1 of the site assessment guidance document offers the following data items:

- Soil types and characteristics.

The native geology consists of, in descending order, the Saddle Mountain Basalt, the Ringold Formation, and the Hanford formation as seen in Figure 5 (DOE/RL 1992). Due to the relatively large depths of the first two regions, the Hanford formation is the only zone of interest in this report. Using the terminology of the United Soil Classification System (Table 5.1, Ecology 1992b), the soil is best described as "GM", or "silty gravels and gravel-sand-silt mixture." This formation is interlayered with boulders and cobbles.

The soils of the Hanford formation extend to 56 feet below grade at the 199-B2-2 well. Given the nonuniform distribution of the these soils, however, this depth may vary noticeably. The interface between the Ringold Formation and Hanford formation was not detectable in any of the other wells in the 100-B/C area (DOE/RL 1992).

- Depth to groundwater, including seasonal fluctuations.

Depth to groundwater at the 130-B-1 tank site is approximately 65 feet. This height varies slightly with changes in river height (DOE/RL 1992). Although available data does not suggest any predictable seasonal fluctuations, the level seems to have been decreasing for the last few years (see DSI, Attachment 1).

- Potential hydraulic connections between groundwater and nearby surface water.

Groundwater flow in the unconfined aquifer beneath the 100-B/C Area normally moves northward to the Columbia River. The 130-B-1 UST is approximately 2500 feet from the river.

- 5.0) Is there any apparent groundwater in the tank excavation?

No.

- 6.0) A brief description of the surrounding land use is provided. (Section 3.1 of the site assessment guidance offers the following data)

- Property line locations.

The 130-B-1 UST is located in the 100-BC-5 Operable Unit of the 100 B Area, which is part of the Hanford Site. Refer to Figure 1 (page SA5) for details of the Hanford Site boundaries.

- Distances from tank(s) to nearby structures.

The 1716-B Building that the 130-B-1 UST originally supported was previously removed. The nearest structure is the 190-B building complex approximately 200 yards south/southeast of the tank.

- Type and location of below-ground utility lines such as water, sewer, electric, telephone and gas service lines.

A water main runs east/west approximately 20 feet to the north of the 130-B-1 UST (see Figure 3, page SA7).

- Location of paved areas.

See Figure 3: 130-B-1 UST Location (page SA7)

7.0) Information has been provided indicating the number and types of samples collected (7.1), methods used to collect and analyze the samples (7.2), and the name and address of the laboratory used to perform the analyses (7.3).

7.1) Information has been provided indicating the number and types of samples collected.

6 soil samples were taken:

Sample ID	Sample Location
B07TD4	Spoils pile
B07TD5	South center of cradle
B07TD6	North center of cradle
B07TD7	Duplicate of B07TD6
B07TD8	Trip blank
B07TD9	Center of cradle (low point beneath tank)

- 7.2) Information has been provided indicating the methods used to collect and analyze the samples.

All sampling was done in accordance with procedures in the Westinghouse Hanford Company Control Manual 7-7 (WHC-CM-7-7), Environmental Investigation Instruction 5.2, "Soil and Sediment Sampling." Sample analyses, analytical methods, containers, preservation techniques, and holding times are listed below:

Analysis	Analytical Methods	Container Volume	Preservation	Holding Time
BTEX	EPA 8020	G 80 g	4 °C	14 days
TPH	WTPH-G	G 80 g	4 °C	14 days
Lead	SW-846 7421	G 80g	4 °C	6 months

G = Glass Container

- 7.3) Information has been provided indicating the name and address of the laboratory used to perform the analyses.

Sound Analytical Services, Inc., 4813 Pacific Highway East,  
Tacoma, WA 98424

- 8.0) A sketch or sketches showing the following items is provided:

- 8.1) Location and ID number for all field samples collected.

See Figure 6: 130-B-1 Sample Locations (page SA17).

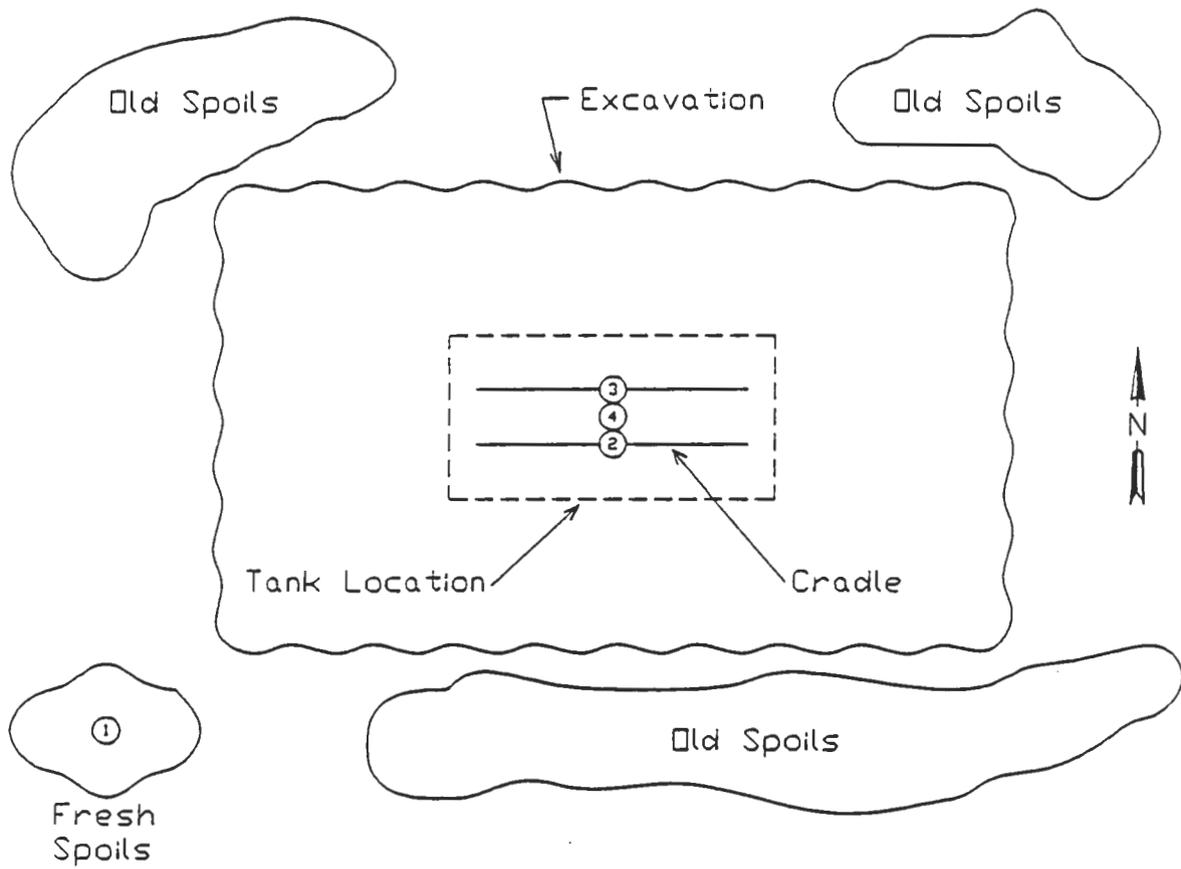
- 8.2) Groundwater samples distinguished from soil samples (if applicable).

No groundwater samples were taken.

- 8.3) Samples collected from stockpiled excavated soil.

See Figure 6: 130-B-1 Sample Locations (page SA17).

Figure 6: 130-B-1 Sample Locations



#	Sample
1	B07TD4
2	B07TD5
3	B07TD6,7
4	B07TD9

Not to Scale

8.4) Tank and piping locations and limits of excavation pit.

See Figure 4: 130-B-1 Excavation (page SA8).

8.5) Adjacent structures and streets.

See Figure 3: 130-B-1 UST Location (Page SA7).

8.6) Approximate locations of any on-site and nearby utilities.

See Figure 3: 130-B-1 UST Location (Page SA7).

9.0) If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (Section 3.4 in the site assessment guidelines) Justification of adequate sampling must be made for technical reasons, not economic. The site assessor must demonstrate the alternative sampling procedures are equally as likely to determine if a release from the UST system has occurred as the sampling procedure specified in the guidance.

Sampling was done in accordance with the site assessment guidelines published prior to October, 1992.

10.0) A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.

SOIL SAMPLES ANALYTICAL METHOD -- 8020 (BTEX)				
Sample ID	Benzene (Det. limits) ppm	Toluene (Det. Limits) ppm	Ethyl Benzene (Det. Limits) ppm	Xylene (Det. Limits) ppm
B07TD4	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
B07TD5	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
B07TD6	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
B07TD7	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
B07TD8	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
B07TD9	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)

SOIL SAMPLES ANALYTICAL METHOD -- WTPH-G		
Sample ID	WTPH-G (ppm) Action Level = 100 ppm	Practical Quantitative Limit (ppm)
B07TD4	4.9	1.0
B07TD5	3.4	1.0
B07TD6	2.7	1.0
B07TD7	2.6	1.0
B07TD8	1.8	1.0
B07TD9	1.5	1.0

11.0) Any factors that may have compromised the quality of the data or validity of the results are described.

No factors were apparent that may have compromised the quality or validity of the data and results.

12.0) The results of this site check/site assessment indicate that a confirmed release of a regulated substance has not occurred.

The sample analyzed on January 4, 1993, indicated the site was clean according to state action levels for petroleum contamination. The physical site assessment was completed on this date with the report detailing the assessment information. The former UST site was backfilled to match the surrounding grade.

REFERENCES

DOE/RL, 1992, *Remedial Investigation/Feasibility Study Work Plan for the 100-BC-5 Operable Unit, Hanford Site, Richland, Washington*, DOE/RL-90-08, U.S. Department of Energy, Field Office, Richland, Washington.

Ecology, 1992a, *UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist*, Form ECY 010-158, October 1992, Washington Department of Ecology, Olympia, Washington.

Ecology, 1992b, *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*, February 1991; Revised October 1992, Washington State Department of Ecology, Olympia, Washington.

ATTACHMENT 1

---

DON'T SAY IT -- *Write It!*

Date: July 14, 1993

To: Paul Rymarz

From: Mickie Chamness

Subject: Water-level data

Here are the data you wanted for the 100 B Area. These are all the data in HEIS since Jan. 1, 1991. I hope this is what you needed. Give me a call if not.

WELL NAME	DATE	DEPTH TO WATER (ft)
199-B4-1	03-JUN-91	60.48
199-B4-1	11-JUN-91	60.65
199-B4-1	11-DEC-91	61.05
199-B4-1	07-MAY-92	63.54
199-B4-1	04-JUN-92	63.26
199-B4-1	29-JUL-92	63.16
199-B4-1	26-AUG-92	63.56
199-B4-1	21-SEP-92	64
199-B4-1	26-OCT-92	64.48
199-B4-1	17-NOV-92	64.57
199-B4-1	21-DEC-92	64.24
199-B4-1	18-JAN-93	63.96
199-B4-1	16-FEB-93	64.15
199-B4-1	19-MAR-93	64.53
199-B4-1	16-APR-93	65.08
199-B4-1	03-MAY-93	65.03
199-B4-1	14-MAY-93	64.92
199-B4-1	18-JUN-93	64.06
199-B4-2	11-DEC-91	63.1
199-B4-2	11-FEB-92	64.12
199-B4-2	03-MAY-93	66.1
199-B4-3	30-MAY-91	61.33
199-B4-3	11-FEB-92	63.22
199-B4-3	04-JUN-92	63.69
199-B4-3	02-DEC-92	64.91
199-B4-3	03-MAY-93	65.56
199-B4-3	09-JUN-93	64.55

ENCLOSURE 2

PERMANENT CLOSURE CHECKLIST FOR  
UNDERGROUND STORAGE TANK 130-B-1 REMOVAL



# UNDERGROUND STORAGE TANK Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service 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. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

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

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

## 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: U. S. Department of Energy, Richland Field Office

Owners Address: 550  
Street P.O. Box  
Richland WA 99352-0550  
City State ZIP-Code

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 Field Office

Site Address: 825 Jadwin Benton  
Street County  
Richland WA 99352-0550  
City State ZIP-Code

## 2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: Westinghouse Hanford Company License Number: \_\_\_\_\_

Address: 1970  
Street P.O. Box  
Richland WA 99352-0539  
City State ZIP-Code

Telephone: (509) 376-7411

Licensed Supervisor: SCOTT THOREN Decommissioning License Number: W002236

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

**3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION**

- 1. Tank ID Number (as registered with Ecology): 130-B-1
- 2. Year installed: 1944
- 3. Tank capacity in gallons: 1000
- 4. Date of last use: 1959
- 5. Last substance stored: Leaded Gasoline
- 6. Date of closure/change-in-service: 12/22/1992
- 7. Type of closure: Closure with Tank Removal  In-place Closure  Change-in-Service
- 8. If in-place closure is used, the tank has been filled with the following substance: N/A
- 9. If change-in-service, indicate new substance stored in tank: N/A
- 10. Local permit(s) (if any) obtained from: N/A

Always contact local authorities regarding permit requirements.

- 11. Has a site assessment been completed? Yes  No

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

**4. CHECKLIST**

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	SDT		
2. Has all product piping been capped or removed?	SDT		
3. Have all non-product lines been capped or removed?	SDT		
4. Have all liquid and accumulated sludges been removed from the tank?	SDT		
5. Has the tank been properly purged or inerted?	SDT		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	SDT		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	SDT		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	SDT		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	SDT		

\*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure 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.

7/26/93 [Signature]  
Date Signature of Licensed Supervisor

**5. ADDITIONAL REQUIRED SIGNATURES**

7/28/93 [Signature]  
Date Signature of Licensed Service Provider (firm) Owner or Authorized Representative

8/17/93 Robert A. Holt  
Date Signature of Tank Owner or Authorized Representative

## CORRESPONDENCE DISTRIBUTION COVERSHEET

<b>Author</b>	<b>Addressee</b>	<b>Correspondence No.</b>
R. G. Holt, RL (S. D. Thoren, 3-4033)	D. C. Nylander, Ecology (R. G. Holt, RL)	Incoming: 9306659 XRef 9356278D

**Subject:** CLOSURE CHECKLIST, SITE ASSESSMENT CHECKLIST AND REVISED REPORT FOR UNDERGROUND STORAGE TANK 130-B-1 REMOVAL

### INTERNAL DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		President's Office	B3-01	
		G. D. Carpenter	H6-30	
		C. K. Disibio	B3-15	
		M. C. Hughes	R2-81	
		P. J. Mackey	B3-15	
		H. E. McGuire, Level 1	B3-63	
		M. A. Mihalic	R2-77	
		P. D. Mix	H6-29	X
		E. H. Smith	H6-22	
		S. D. Thoren	R2-77	X
		T. M. Wintczak	H6-27	
		R. D. Wojtasek, Assignee	H6-27	
		EPIC	H6-08	X

