

October 20, 1995

Project CNEX-95-190A

Mr. Dan Melde
Swanson Heavy Moving
1238 Clinton Street
La Crosse, WI 54603

Mr. Melde:

Re: Underground Storage Tank Site Assessment, Fort McCoy, Building 6188, Fort
McCoy, Wisconsin

Braun Intertec Corporation performed an underground storage tank site assessment at the
referenced location. This work was performed on September 13, 1995.


The purpose of this work was to detect potential petroleum-contaminated soil during the
removal of one underground storage tank. The following report contains the details of our
methods, results, conclusions and recommendations pertaining to this work.

We appreciate the opportunity to provide our environmental services on this project. Should
you have any questions or comments concerning the contents of this report, please do not
hesitate to call us at (608) 781-7277.

Sincerely,

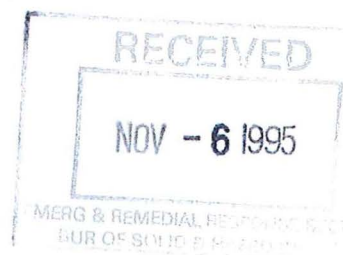


Jonathan L. Hibbs
Environmental Geologist



James E. Doten
Branch Manager/Hydrogeologist

c: Wisconsin Department of Natural Resources



Underground Storage Tank Site Assessment Report for Swanson Heavy Moving

Fort McCoy
Building 6188
Fort McCoy, Wisconsin

Project CNEX-95-190A
October 20, 1995

Braun Intertec Corporation

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A. Introduction and Background

A.1. Introduction

On August 5, 1995, Mr. Dan Melde of Swanson Heavy Moving requested Braun Intertec Corporation (Braun Intertec) to perform a site assessment during the removal of one 1,500-gallon underground storage tank (UST) formerly containing fuel oil. The site was located at building #6188 at Fort McCoy in Fort McCoy, Wisconsin. The purpose of this work was to detect potential contaminated soil associated with the UST.

Braun Intertec observed the removal of the UST on September 13, 1995. In summary, no organic vapors were detected through field screening during the removal operations. During the excavation, a soil sample was collected from beneath each end of the UST and analyzed for concentrations of diesel range organics (DRO). The laboratory analyses did not reveal concentrations of DRO above the method detection limit. Therefore, Braun Intertec recommends that further action is not warranted at the site. The following report contains the details of our methods, results, conclusions and recommendations.

A.2. Background

The site is located on the Fort McCoy Military Reservation at building 6188 in the family housing area. The site is also defined as being in the northwest quarter of Section 3, Township 17 North, Range 3 West, in Fort McCoy, Wisconsin. A site location map is attached (Figure 1). At the time of this assessment, the site consisted of a brick duplex with mobile homes to the north, vacant property to the west, vacant property to the south and vacant property to the east.

The geology of the area surrounding the site is typically unconsolidated outwash plain and valley deposits composed of well sorted, medium- to coarse-grained alluvial soils. Underlying the unconsolidated sediments is undifferentiated Cambrian sandstone bedrock including the Jordan, Franconia, Galesville, Eau Claire and Mount Simon sandstones and the St. Lawrence Formation (Water Resources of Wisconsin Trempealeau-Black River Basin). Site specific groundwater flow direction was not determined during this assessment. Additional field investigation, beyond the scope of services, would be required to determine this information.

A.3. Participating Parties

Information on the site owner, UST remover and site assessor is as follows:

Site Owner:	Commander Fort McCoy Attn: Kurt Brownell Department of the Army 2160 South J Street Fort McCoy, WI 54656 (608) 388-4789
UST Remover:	Paul Rogge Swanson's Heavy Moving 1238 Clinton Street La Crosse, WI 54603 (608) 784-2601 Certification Number: 05919
Site Assessor:	Jonathan L. Hibbs Braun Intertec Corporation 2831 Larson Street LaCrosse, WI 54603 (608) 781-7277 Certification Number: 05711
Site Inspector:	Doug Anderson Central Wisconsin Inspection Services, Inc. 2312 D Crestview Drive - Suite 229 Hudson, WI 54016 (715) 381-5602 Certification Number: 00504

B. Scope of Work

As part of this work, Braun Intertec provided the following services:

- Screened soils in the field for evidence of possible petroleum contamination;
- Collected and chemically analyzed two soil samples; and

- Prepared this report containing the details of our methods, results, conclusions and recommendations pertaining to the work performed.

C. Methods

C.1. UST Excavation

Prior to excavation, the remaining fuel was removed and disposed of by Rock Oil, Inc., Stratford, Wisconsin. The UST was cleaned and inerted with dry ice on site by Swanson Heavy Moving. The UST was cut, flattened and stacked on base at the Defence Reutilization Marketing Office located at building 2184 for disposal. Appendix A contains the Checklist for Underground Tank Closure, and Appendix B contains the Underground Petroleum Product Tank Inventory which were forwarded to the Wisconsin Department of Industry, Labor and Human Relations. Prior to the excavation, Central Wisconsin Inspection Services, Inc., was notified, and Doug Anderson was present for the inspection of the UST excavation. The limits of the excavation are shown on Figure 2.

C.2. Photoionization Detector (PID) Field Screening

Soils were retrieved for screening from the UST basin at a depth of 9.5 feet, approximately 1 foot below the UST. During and following the excavation, soils exposed in the UST basin were visually examined by an environmental professional for evidence of staining or other apparent signs of contamination. In addition, soils were screened for the presence of organic vapors with a PID. The PID was equipped with a 10.6 eV lamp and calibrated to a isobutylene standard prior to arrival on site. The PID was used to perform jar headspace analysis.

Jar headspace procedures are used to conduct analytical screening of organic vapor levels in soils. The procedure consists of half-filling a clean, 250-millimeter, screw-top jar with the sample to be analyzed. The jar is quickly covered with a sheet of clean aluminum foil and tightly sealed by applying a screw cap. The jar is shaken vigorously for 30 seconds, and based on the ambient temperature, allowed to set for 10 minutes for headspace development. Subsequent to headspace development, the screw lid is removed and the organic vapor detector probe is inserted through the foil seal to one-half the headspace depth. The highest reading observed on the PID is then recorded.

C.3. Soil Sampling

At the time of excavation, two soil samples were collected from natural soil 1 foot below each end of the UST for chemical analyses to determine the presence of contamination. The sample locations are shown on Figure 2. The soil samples were placed in clean, screw-top, 60-milliliter, VOA glass vials with Teflon®-lined lids. Following collection, the sample was labelled and placed in a cooler with ice. The sample was then transported to Braun Intertec laboratory under refrigerated conditions following standard chain-of-custody procedures.

C.4. Laboratory Analyses

The soil samples collected from the UST basin following the excavation were analyzed in the Braun Intertec laboratory for concentrations of DRO. The analyses were performed using EPA or other standard procedures. Data were reviewed prior to release and all quality control guidelines were met. Specific information on standard operating procedures, method detection limits and quality control measures is available upon request.

D. Results

D.1. Site Geology

The soils exposed in the sidewalls of the excavation consisted of approximately 1.5 feet of top soil and 8 feet of sand to the base of the excavation. The sand is believed to extend down to bedrock. Groundwater was not encountered during the excavation.

D.2. Contamination Conditions

Braun Intertec collected soil samples for jar headspace analyses from the UST basin. Low level organic vapors were detected in the jar headspace samples screened in the immediate vicinity of the fill port on top of the UST. This soil, totaling 1.5 yards, was removed for disposal by Fort McCoy.

D.3. Laboratory Analytical Results

Two soil samples were collected for chemical analyses from the UST basin to determine the existence of contamination. The analyses conducted at the Braun Intertec laboratory did not detect DRO in concentrations exceeding the method detection limit. Copies of the laboratory analytical report and accompanying chain-of-custody form are attached in Appendix C.

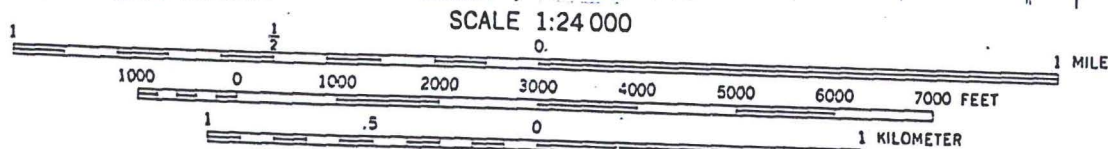
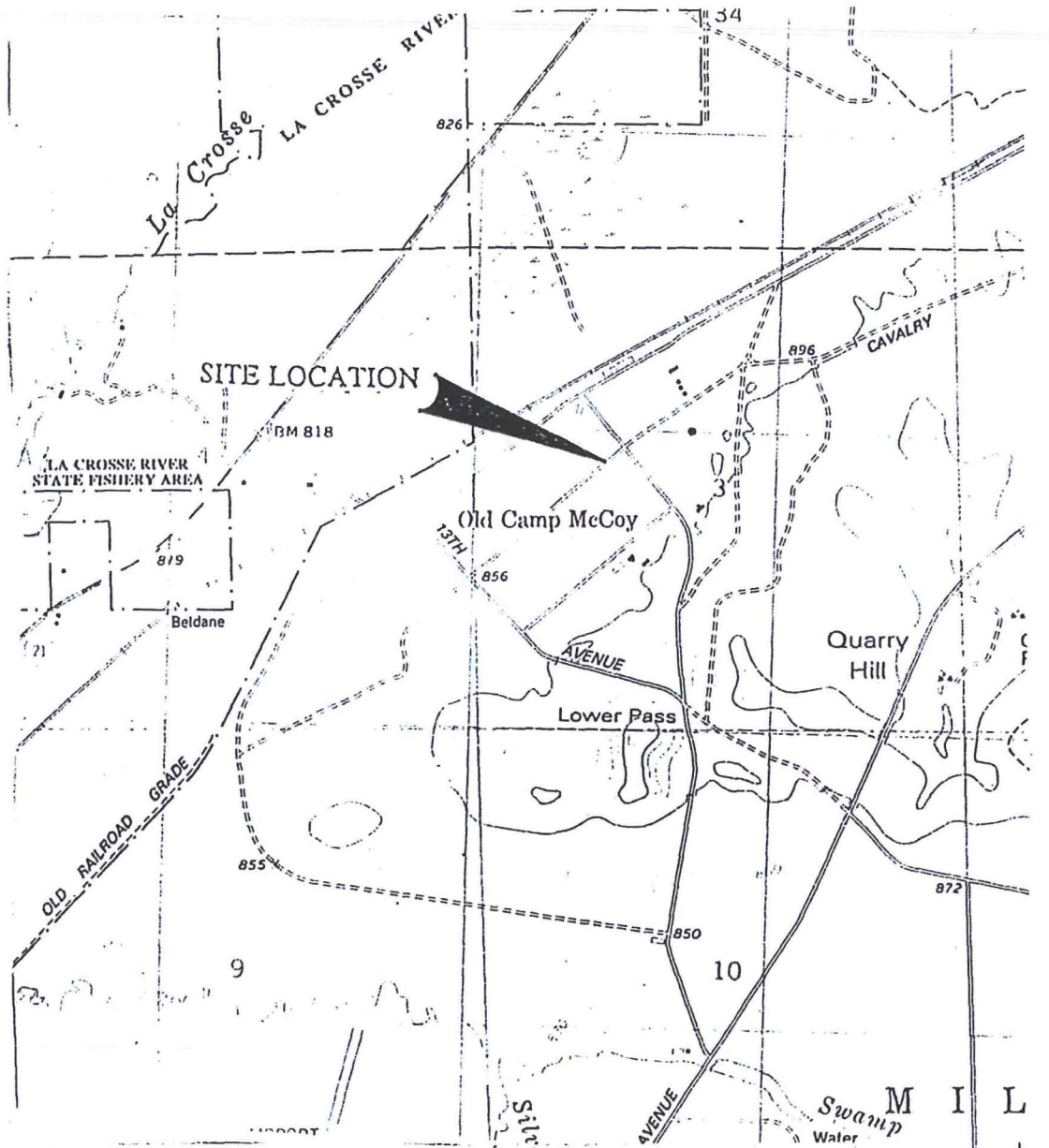
E. Recommendations/Conclusions

Evidence of a petroleum release at building 6188 was not detected during field screening nor laboratory analyses in the final excavation. Based on these results, it is the opinion of Braun Intertec that no further action is warranted at the site.

F. Standard of Care

Services performed for this project have been conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar budget and time constraints. No warranty, expressed or implied, is made.

Figures



CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

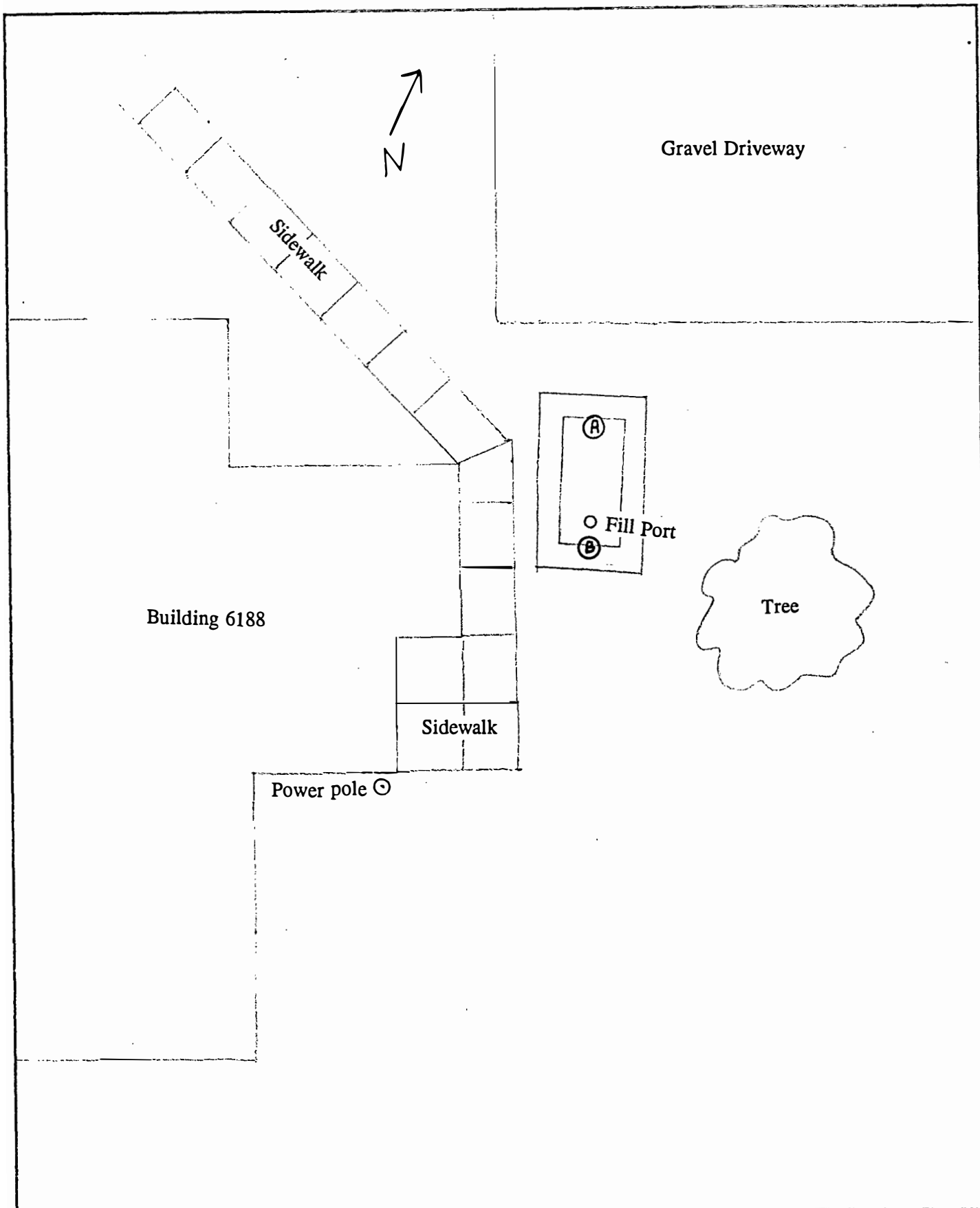


CITY ROCK QUADRANGLE
WISCONSIN-MONROE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 TOMAH 15' QUADRANGLE

BRAUN
INTERTEC

Site Location Map
Fort McCoy
Building 6188
Sparta, WI

INT	DATE	SHEET
DRAWN BY: JLH	10/5/95	
APP'D BY:		OF
JOB NO. CNEX-95-190A		
OWG. No.		FIGURE # 1
SCALE		



BRAUN
INTERTEC

Site Map
Fort McCoy
Building 6188
Sparta, WI

INT	DATE	SHEET
DRAWN BY: JLH	10/5/95	
APP'D BY:		OF
JOB No. CNEX-95-190A		
DWG.No.		FIGURE#
SCALE 1"-10'		2

Appendix A

CHECKLIST FOR UNDERGROUND TANK CLOSURE

RETURN COMPLETED CHECKLIST TO:
Safety & Buildings Division
Fire Prevention & Underground
Storage Tank Section
P. O. Box 7969, Madison, WI 53707

Complete one form for
each site closure.

The information you provide may be used by other
government agency programs [Privacy Law, s. 15.04 (1) (m)].

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name: Fort McCoy 2. Owner Name: Department of Army

Site Street Address (not P.O. Box): Bldgs 6188 and 7051 Owner Street Address: 2103 So. 8th Ave

☐ City ☐ Village ☐ Town of: Fort McCoy ☐ City ☐ Village ☐ Town of: Fort McCoy State: Wisc. Zip Code: 54656

State: Wisc. Zip Code: 54656 County: Monroe County: Monroe Telephone No. (include area code): ()

3. Closure Company Name (Print): Swanson's Heavy Moving Co. Closure Company Street Address: 1238 Clinton St

Closure Company Telephone No. (include area code): (608) 784-2601 Closure Company City, State, Zip Code: LaCrosse Wisc. 54603

4. Name of Company Performing Closure Assessment: Braun Intertec Assessment Company Street Address, City, State, Zip Code: 2831 Lawson St., LaCrosse, WI 54603

Telephone # (include area code): (608) 781-7277 Certified Assessor Name (Print): Jonathan L. Hibbs Assessor Signature: Jonathan L. Hibbs Assessor Certification No.: 05711

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1500	04	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bldg 618
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1500	04	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bldg 705
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s)); 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

B. TEMPORARILY OUT OF SERVICE

Written inspector approval of temporary closure obtained, which
is effective until (provide date) _____

1. Product Removed

- Product lines drained into tank (or other container) and resulting liquid removed, AND
 - All product removed to bottom of suction line, OR
 - All product removed to within 1" of bottom.
- Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.
 - All product lines at the islands or pumps located elsewhere are removed and capped, OR
 - Dispensers/pumps left in place but locked and power disconnected.
 - Vent lines left open.
 - Inventory form filed indicating temporary closure.

Remover Verified ☐ Y ☐ N Inspector Verified ☐ Y ☐ N NA ☒

☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒
☐ Y ☐ N ☐ ☒

C. CLOSURE BY REMOVAL

- Product from piping drained into tank (or other container).
- Piping disconnected from tank and removed.
- All liquid and residue removed from tank using explosion proof pumps or hand pumps.
- All pump motors and suction hoses bonded to tank or otherwise grounded.
- Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.
- Vent lines left connected until tanks purged.
- Tank openings temporarily plugged so vapors exit through vent.
- Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.
- Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.
- Tank cleaned before being removed from site.

☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☐ ☐
☒ Y ☐ N ☒ ☐
☒ Y ☐ N ☒ ☐

Appendix B

UNDERGROUND
PETROLEUM PRODUCT
TANK INVENTORYSend Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone: (608) 267-5280

For Office Use Only:

Tank ID #

Information Required By Sec. 102.142, Wis. Stats.

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☒ YES ☐ NO If yes, are you correcting/updating information only? ☒ Yes ☐ No The information you provide may be used by other government agency programs (Privacy Law, s. 15.04 (1) (m)).

This registration applies to a tank that is (check one):

- 1A. ☐ In Use or 1B. ☐ Newly Installed 4. ☒ Closed - Tank Removed 8. ☐ Changed Ownership
2. ☐ Abandoned With Product 6. ☐ Closed - Filled With (Indicate new owner
3. ☐ Abandoned No Product (empty) Inert Material below)
or With Water 7. ☐ Out of Service - Provide Date: _____

Fire Department Providing Fire Coverage
Where Tank Located:

4101

A. IDENTIFICATION: (Please Print)

1. Tank Site Name <u>Fort McCoy</u>		Site Address <u>Bldg 6188</u>		Site Telephone No. ()	
<input type="checkbox"/> City <u>Fort McCoy</u>	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	State <u>Wisc</u>	Zip Code <u>54656</u>	County <u>Monroe</u>
2. Owner Name (mail sent here unless indicated otherwise in #3 below) <u>Department of the Army</u>			Owner Mailing Address (mail sent here unless indicated otherwise in #3) <u>2103 South 8th Avenue</u>		
<input type="checkbox"/> City <u>Fort McCoy</u>	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	State <u>Wisc</u>	Zip Code <u>54656</u>	County <u>Monroe</u>
3. Alternate Mailing Name If Different Than #2			Alternate Mailing Street Address If Different From #2		
<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	State	Zip Code	County
4. Tank Age (date installed, if known: or years old) <u>1952</u>		5. Tank Capacity (gallons) <u>1500</u>		6. Tank Manufacturer's Name (if known) <u>Unknown</u>	

B. TYPE OF USER (check one):

1. ☐ Gas Station 2. ☐ Bulk Storage 3. ☐ Utility 4. ☐ Mercantile
5. ☐ Industrial 6. ☒ Government 7. ☐ School 8. ☐ Residential
9. ☐ Agricultural 10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:

1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Relined - Date: _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ Unknown
- Approval: 1. ☒ Nat'l Std. 2. ☐ UL 3. ☐ Other: _____ Is Tank Double Walled? ☐ Yes ☒ No
Overfill Protection Provided? ☐ Yes ☒ No If yes, identify type: _____ Spill Containment? ☐ Yes ☒ No
Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☒ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION

1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current) 3. ☐ Coated Steel
4. ☐ Fiberglass 5. ☐ Other (specify): _____ 9. ☐ Unknown
- Piping System Type: 1. ☐ Pressurized piping with: A. ☐ auto shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank
3. ☒ Suction piping with check valve at pump and inspectable
- Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☒ Not Required
- Approval: 1. ☒ Nat'l Std. 2. ☐ UL 3. ☐ Other: _____ Double Walled: ☐ Yes ☒ No

E. TANK CONTENTS

1. ☐ Diesel 2. ☐ Leaded 3. ☐ Unleaded 4. ☒ Fuel Oil
5. ☐ Gasohol 6. ☐ Other 7. ☐ Empty 8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown 10. ☐ Premix 11. ☐ Waste Oil 12. ☐ Propane
13. ☐ Chemical * 14. ☐ Kerosene 15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr): <u>9-13-95</u>	Has a site assessment been completed? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--	---

If installation of a new tank is being reported, indicate who performed the installation inspection: 1. <input type="checkbox"/> Fire Department 2. <input type="checkbox"/> DILHR 3. <input type="checkbox"/> Other (identify) _____	
Name of Owner or Operator (please print): <u>Kurt Brownell</u>	Indicate Whether: <u>UST Program Mgr</u> <input type="checkbox"/> Owner or <input type="checkbox"/> Operator
Signature of Owner or Operator: <u>Kurt Brownell</u>	Date Signed: <u>13 Sep 95</u>

	Remover Verified	Inspector Verified	NA
C. CLOSURE BY REMOVAL (continued)			
11. Tank labeled in 2" high letters after removal but before being moved from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Piping disconnected from tank and removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Tank openings temporarily plugged so vapors exit through vent.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Do points of obvious contamination exist?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there strong odors in the soils?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
4. Was a field screening instrument used to pre-screen soil sample locations?	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Was a closure assessment omitted because of obvious contamination?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Was the DNR notified of suspected or obvious contamination?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
Agency, office and person contacted: _____			
7. Contamination suspected because of: <input type="checkbox"/> Odor <input type="checkbox"/> Soil Staining <input type="checkbox"/> Free Product <input type="checkbox"/> Sheen On Groundwater <input type="checkbox"/> Field Instrument Test			

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐ Educator Or Diffused Air Blower
 Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
 Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☒ Dry Ice
 Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☐ Inert Gas (CO₂ or N₂) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT
 Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
 Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.
 Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

H. REMOVER/CLEANER INFORMATION

Remover Name (print) Paul Rogge Remover Signature [Signature] Remover Certification No. #05919 Date Signed 9-13-95

I. INSPECTOR INFORMATION

Inspector Name (print) Doug Anderson Inspector Signature [Signature] Inspector Certification No. 00504
 FDID # For Location Where Inspection Performed 4101 Inspector Telephone Number 715-341-2303 Date Signed 9-13-95

Appendix C

BRAUN
INTERTEC

Braun Intertec Corporation
6875 Washington Avenue South
P.O. Box 39108
Minneapolis, Minnesota 55439-0108
612-941-5600 Fax: 942-4844

*Engineers and Scientists Serving
the Built and Natural Environments[®]*

September 25, 1995

Project CNEX-95-190A
Report 95-2834
Laboratory 999462640

Mr. James Doten/LaCrosse
Braun Intertec Corporation

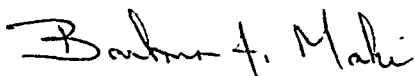
Re: Ft. McCoy
Bldgs. 7051 & 6188
Ft. McCoy, WI

Braun Intertec Corporation received your analytical request on September 14, 1995. Analytical results are summarized on the following laboratory report.

Routine Braun Intertec Corporation QA/QC was followed. Quality control data have been reviewed. No anomalies were encountered in the analysis of these samples.

We appreciate the opportunity to meet your analytical needs. If you have any questions or need additional information, please call Barbara Maki at 612-942-4820.

Sincerely,



Barbara J. Maki
Project Manager

Attachments
Chain of Custody
Laboratory Results

Client: Ft. McCoy
Log-in: 95-2834
Project Number: CNEX-95-190A
Matrix: Solid
Lab Sample ID: 95-2834-03

Laboratory: Braun Intertec Corporation
Lab Contact/Phone: B. Maki/612-942-4820
Sampler: Braun Intertec
% Moisture: 2%
MDL: Method Detection Limit
RL: Reporting Limit

Date Sampled: 09/13/95
Date Received: 09/14/95
Date Reported: 09/25/95
Laboratory ID: 999462640

Client Sample ID/Description: Tank #2 N

Page: 3

Compound	Extract Method	Extract Date	Analysis Method	Analysis Date	Dilution Factor	MDL	RL	Sample Result	
Petroleum Hydrocarbons Diesel Range Organics (dry weight)	WI DRO	09/15/95	WI DRO	09/21/95	1	10	10	<10	mg/kg
Inorganic Solids, Total	-	-	EPA 160.3	09/15/95	1	-	-	98	%

(Report continued on next page)

Client: Ft. McCoy
Log-in: 95-2834
Project Number: CNEX-95-190A
Matrix: Solid
Lab Sample ID: 95-2834-04

Laboratory: Braun Intertec Corporation
Lab Contact/Phone: B. Maki/612-942-4820
Sampler: Braun Intertec
% Moisture: 2%
MDL: Method Detection Limit
RL: Reporting Limit

Date Sampled: 09/13/95
Date Received: 09/14/95
Date Reported: 09/25/95
Laboratory ID: 999462640

Client Sample ID/Description: Tank #2 S

Page: 4

Compound	Extract Method	Extract Date	Analysis Method	Analysis Date	Dilution Factor	MDL	RL	Sample Result
Petroleum Hydrocarbons Diesel Range Organics (dry weight)	WI DRO	09/15/95	WI DRO	09/21/95	1	10	10	< 10 mg/kg
Inorganic Solids, Total	-	-	EPA 160.3	09/15/95	1	-	-	98 %

(End of Report)

[illegible]

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
FORT MCCOY	105		750	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	106		1,500	FUEL OIL	BARE STEEL	1943	ABAN 1979	YES	REMOVE '89
FORT MCCOY	108		750	FUEL OIL	BARE STEEL	1943	ABAN	YES	REMOVE '89
FORT MCCOY	242	1	1,500	UNUSED SOLVENT	COATED STEEL	1977	IN USE	YES	
FORT MCCOY	242	2	5,000	UNLEADED GAS	COATED STEEL	1971	IN USE	YES	
FORT MCCOY	242	3	5,000	DIESEL FUEL	COATED STEEL	1971	IN USE	YES	
FORT MCCOY	242	4	10,000	DIESEL FUEL	COATED STEEL	1971	IN USE	YES	
FORT MCCOY	457		750	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	659		750	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	1152	1	1,000	DIESEL FUEL	BARE STEEL	1970	IN USE	YES	
FORT MCCOY	1152	2	1,500	UNLEADED GAS	BARE STEEL	1970	IN USE	YES	
FORT MCCOY	1266	1	12,000	USED ENG OIL	BARE STEEL	1943	ABAN 1981	YES	REMOVE '89
FORT MCCOY	1266	2	12,000	USED ENG OIL	BARE STEEL	1943	ABAN 1981	YES	REMOVE '89
FORT MCCOY	1358		12,000	UNLEADED GAS	BARE STEEL	1943	IN USE	YES	LEAKER REMOVE '89
FORT MCCOY	1409		4,000	FUEL OIL	FIBERGLASS	1978	IN USE	YES	
FORT MCCOY	1467	1	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	LEAKER REMOVE '89
FORT MCCOY	1467	2	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	TIGHT UNKNOWN REMOVE '89
FORT MCCOY	1546		500	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	1550	1	750	FUEL OIL	BARE STEEL	1943	ABAN 1981	YES	REMOVE 89
FORT MCCOY	1550	2	750	FUEL OIL	BARE STEEL	1943	ABAN 1981	YES	REMOVE 89
FORT MCCOY	1550	3	500	FUEL OIL	BARE STEEL	1943	REMVD 1978	YES	UPDATE REGISTRATION
FORT MCCOY	1553	1	1,000	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	1553	2	14,000	LEADED GAS	BARE STEEL	1965	IN USE	YES	SUSPECTED LEAKER
FORT MCCOY	1553	3	8,000	UNLEADED GAS	BARE STEEL	1965	IN USE	YES	
FORT MCCOY	1553	4	3,000	UNLEADED GAS	COATED STEEL	1975	IN USE	YES	
FORT MCCOY	1554		12,000	FUEL OIL	BARE STEEL	1943	IN USE	YES	NOT TESTED REMOVE '89
FORT MCCOY	1557		340	FUEL OIL	BARE STEEL	1964	IN USE	YES	
FORT MCCOY	1562		500	FUEL OIL	BARE STEEL	1971	IN USE	YES	
FORT MCCOY	1565		500	FUEL OIL	FIBERGLASS	1977	IN USE	YES	
FORT MCCOY	1656		750	FUEL OIL	BARE STEEL	1972	IN USE	YES	
FORT MCCOY	1658		4,000	WASTE OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89
FORT MCCOY	1661		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE 89
FORT MCCOY	1666		1,500	FUEL OIL	BARE STEEL	1977	REMVD 1982	YES	
FORT MCCOY	1668	1	1,650	FUEL OIL	FIBERGLASS	1977	ABAN 1978	YES	
FORT MCCOY	1668	2	1,650	FUEL OIL	FIBERGLASS	1977	ABAN 1978	YES	REMOVE 89
FORT MCCOY	1669	1	12,000	UNLEADED GAS	BARE STEEL	1943	IN USE	YES	LEAKER REMOVE '89
FORT MCCOY	1669	2	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	TIGHT UNKNOWN REMOVE '89
FORT MCCOY	1680		4,000	FUEL OIL	FIBERGLASS	1978	IN USE	YES	
FORT MCCOY	1754		1,500	FUEL OIL	BARE STEEL	1972	IN USE	YES	
FORT MCCOY	1849		750	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	1853		750	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	1857		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89
FORT MCCOY	1859		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89
FORT MCCOY	1862		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89
FORT MCCOY	1879	1	12,000	UNLEADED GAS	BARE STEEL	1943	IN USE	YES	LEAKER REMOVE '89
FORT MCCOY	1879	2	12,000	UNLEADED GAS	BARE STEEL	1943	IN USE	YES	TIGHT UNKNOWN REMOVE '89
FORT MCCOY	1938		860	FUEL OIL	BARE STEEL	1951	ABAN 1970	YES	REMOVE '89
FORT MCCOY	2011		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
FORT MCCOY	2013		750	FUEL OIL			ABAN	NO	REMOVE '89
FORT MCCOY	2113		4,000	FUEL OIL	BARE STEEL	1947	ABAN 1980	YES	REMOVE '89
FORT MCCOY	2114		860	FUEL OIL	BARE STEEL	1947	IN USE	YES	
FORT MCCOY	2124		500	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2177		500	LEADED GAS	BARE STEEL	1943	REMVD 1974	YES	UPDATE REGISTRATION
FORT MCCOY	2190	1	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2190	2	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2190	3	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2190	4	4,000	UNLEADED GAS	BARE STEEL	1943	IN USE	YES	LEAKER REMOVE '89
FORT MCCOY	2190	5	1,000	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2190	6	1,000	LEADED GAS	BARE STEE;	1943	IN USE	YES	
FORT MCCOY	2190	7	500	DIESEL FUEL	BARE STEEL	1943	ABAN 1979	YES	REMOVE 89
FORT MCCOY	2190	8	500	DIESEL FUEL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2197		500	FUEL OIL	FIBERGLASS	1977	IN USE	YES	
FORT MCCOY	2204		1,000	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2321		12,000	FUEL OIL	BARE STEEL	1943	IN USE	YES	MAY BE ABANDONED
FORT MCCOY	2541		1,000	FUEL OIL	BARE STEEL	1946	IN USE	YES	
FORT MCCOY	2569		1,000	FUEL OIL	BARE STEEL	1943	IN USE	YES	
FORT MCCOY	2572		500	FUEL OIL	BARE STEEL	1977	IN USE	YES	
FORT MCCOY	2773		4,000	USED ENG OIL	FIBERGLASS	1978	ABAN 1986	YES	REMOVE '89
FORT MCCOY	2846		1,500	FUEL OIL	BARE STEEL	1958	IN USE	YES	
FORT MCCOY	2846							NO	TANK IN FENCED AREA
FORT MCCOY	2852		1,000	FUEL OIL	BARE STEEL	1961	IN USE	YES	
FORT MCCOY	3050	1	10,000	UNLEADED GAS	BARE STEEL	1975	IN USE	YES	
FORT MCCOY	3050	2	10,000	DIESEL FUEL	BARE STEEL	1975	IN USE	YES	
FORT MCCOY	3050	3	8,000	USED ENG OIL	BARE STEEL	1975	IN USE	YES	
FORT MCCOY	3050	4	25,000	USED ENG OIL	BARE STEEL	1975	IN USE	YES	
FORT MCCOY	3050	5	1,500	FUEL OIL	FIBERGLASS	1976	IN USE	YES	
FORT MCCOY	3050	6	25,000	FUEL OIL	BARE STEEL	1975	IN USE	YES	
FORT MCCOY	6062	1	500	FUEL OIL	COATED STEEL	1976	IN USE	YES	
FORT MCCOY	6062	2	500	FUEL OIL	COATED STEEL	1976	IN USE	YES	
FORT MCCOY	6062	3	1,000	FUEL OIL	COATED STEEL	1976	ABAN 1978	YES	REMOVE '89
FORT MCCOY	6062	4	500	DIESEL FUEL	COATED STEEL	1976	IN USE	YES	
FORT MCCOY	6062	5	500	DIESEL FUEL	COATED STEEL	1976	IN USE	YES	
FORT MCCOY	6188		1,500	FUEL OIL	BARE STEEL	1952	IN USE	YES	
FORT MCCOY	7051		1,500	FUEL OIL		1969	IN USE	NO	
FORT MCCOY	10111		12,000	FUEL OIL	BARE STEEL	1973	IN USE	YES	SUSPECTED LEAKER
FORT MCCOY	10111		500	FUEL OIL	BARE STEEL	1943	ABAN 1972	YES	REMOVE '89
Q. HILL									
Q. HILL									

IOWA RESERVE CENTERS

AMES IOWA	USARC	1	8,000	FUEL OIL	COATED STEEL	1979	ABAN	NA	TANK NOT EMPTY
AMES IOWA	OMS	2	1,000	FUEL OIL	COATED STEEL	1979	ABAN	NA	TANK NOT EMPTY
CHEROKEE IOWA	USARC	1	4,000	FUEL OIL		1959	IN USE	NA	
CHEROKEE IOWA	OMS	2	2,000	FUEL OIL		1959	IN USE	NA	

REPRODUCED AT GOVERNMENT EXPENSE

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
COUNCIL BLUFFS LEASE			3,000	FUEL OIL				NA	REMOVAL SPRING 89
CRESTON IOWA									
DAVENPORT IOWA	USARC	1	3,000	FUEL OIL		1958	ABAN	NA	FILLED W/SAND '87
DAVENPORT IOWA	OMS	2	550	SHOP WASTE		1958	IN USE	NO	
DECORAH	USARC	1	5,000	FUEL OIL		1979	ABAN	NA	185 GALLONS LEFT
DECORAH	USARC/OMS	2	3,000	FUEL OIL		1979	ABAN	NA	3460 GALLONS LEFT
FT. DESMOINES/USARC	139	1	1,500	DIESEL			ABAN	YES	TANK NOT EMPTY
	139	2	1,500				ABAN	YES	TANK NOT EMPTY
		3	500	FUEL OIL			ABAN	NA	TANK NOT EMPTY
		4	500	FUEL OIL			ABAN	NA	TANK NOT EMPTY
		5	10,000	GASOLINE			ABAN	NO	TANK NOT EMPTY
		6	1,500	FUEL OIL			ABAN	NA	TANK NOT EMPTY
		7	10,000	GASOLINE			ABAN	NO	TANK NOT EMPTY
		8	20,000	FUEL OIL		1975	ABAN	NA	TANK NOT EMPTY
		9	500	WASTE OIL			IN USE	NO	
		10	400	WASTE	BUFFALO		IN USE	NO	ABANDON
DUBUQUE IOWA/ SHARED									
GARNER IOWA									
IOWA CITY IOWA	USARC		3,000	FUEL OIL	BARE STEEL	1958		NA	2,650 GALLONS LEFT
POCHONTAS IOWA		1	2,500	FUEL OIL	ENAMEL COATED	1977	IN USE	NA	UL SEAL ON TANK
POCHONTAS IOWA		2	7,500	FUEL OIL	COAL TAR PRIMER	1977	IN USE	NA	UL SEAL ON TANK
SAC CITY IOWA			4,000	FUEL OIL		1976	ABAN?	NA	1500 GAL LP '88
SIOUX CITY			3,500	FUEL OIL		1958/'72	IN USE	NA	
WASHINGTON IOWA									
WATERLOO IOWA	SHOP	1	1,000	FUEL OIL				NA	203 GALLONS LEFT
		2	1,000	FUEL OIL				NA	203 GALLONS LEFT
WATERLOO LEASED		3		FUEL OIL				NA	2677 GALLONS LEFT
	AMSA	4		DIESEL					
	AMSA	5		GASOLINE					
MINNESOTA RESERVE CENTERS									
BUFFALO	USARC	1	2,000	FUEL OIL			ABAN?	YES	MN REG SHOWS 1 3000 TANK
BUFFALO	OMS	2	1,000	FUEL OIL			ABAN?	YES	REGISTERED
CAMBRIDGE	USARC	1	2,000	FUEL OIL			IN USE	YES	MN REG SHOWS 1 10000 TANK
CAMBRIDGE	OMS	2	1,000	FUEL OIL			IN USE	YES	REGISTERED

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
FORT SNELLING	BLDG 510	1	600	WASTE OIL	STEEL		IN USE?	NO	TANK LOCATED AMSA 226
	BLDG 511	2	250	WASTE OIL	STEEL	1976	IN USE?	NO	TANK LOCATED AMSA 226
	BLDG 511	3	250	MIXED WASTE	STEEL	1976	IN USE?	NO	TANK LOCATED AMSA 226
	BLDG 511	4	1,500	FUEL OIL		1978	IN USE?	NO	TANK LOCATED AMSA 226
	BLDG 505	5		FUEL OIL					
LESUER									
MANKATO	USARC	1	12,000	FUEL OIL		1961/78	IN USE	YES	TANK REGISTERED 1978
MANKATO	OMS	2	2,000	FUEL OIL		1961/78	IN USE	YES	TANK REGISTERED 1978
NEW PRAGUE									
PAYNESVILLE	USARC	1	2,000	FUEL OIL		1960	IN USE	YES	
PAYNESVILLE	OMS	2	1,000	FUEL OIL		1960	IN USE	NO	
ROCHESTER	USARC		2,000	FUEL OIL		1979	IN USE	YES	
ST CLOUD									
ST. JOSEPH	AMSA 23		1,000	FUEL OIL		1971	IN USE	NO	
ST. PAUL	USARAF-21								
INTERNATIONAL FALLS	USARC		2,500	FUEL OIL	CATHOD STEEL	1972	ABAN	NO	ABAN WITH FUEL
WABASHA	USARC	1	2,000	FUEL OIL	COATED STEEL	1983	IN USE	NO	THIS IS CENTER IN USE
WABASHA	OMS	2	2,000	FUEL OIL	COATED STEEL	1983	IN USE	NO	TANKS AT OLD CENTER?
WALKER	USARC	1	2,000	FUEL OIL			IN USE	YES	TANK REG AS 1 2500 GALLON
	OMS	2	500	FUEL OIL			IN USE	YES	AS 1959 CONSTRUCTION
WILLMAR									
WINONA		1						NO	TANK DRAIN, FLUSH & SEAL
WINONA		2	2,000	FUEL OIL		1959	IN USE	NO	
WINTHROP	USARC	1	1,500	FUEL OIL			IN USE	NO	10,000 OIL ORDERED 1988
WINTHROP	OMS	2	1,000	FUEL OIL		1959	IN USE	NO	
WORTHINGTON									
WISCONSIN									
APPLETON			6,000	FUEL OIL		1958	ABAN	YES	TWO TANKS MAYBE IN PLACE

REPRODUCED AT GOVERNMENT EXPENSE

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
BEAVER DAM									
BELOIT									
CHIPPEWA FALLS LEASE			500	WASTE OIL				NO	
DODGEVILLE									
EAU CLAIRE	USARC	1	6,000	FUEL OIL	COATED STEEL?	1958	ABAN	YES	250 GALLONS LEFT IN TANK
	OMS	2	1,500	FUEL OIL	COATED STEEL?	1958	ABAN	YES	250 GALLONS LEFT IN TANK
ELLSWORTH LEASED		1	1,000	FUEL OIL					
ELLSWORTH LEASED		2	500						
GREEN BAY									
JUNCTION CITY	USARC	1	4,000	FUEL OIL		1978	ABAN	YES	
JUNCTION CITY	OMS	2	550	FUEL OIL		1978	ABAN	YES	
KEWAUNEE	USARC	1	2,000	FUEL OIL		1961/78	ABAN	YES	
KEWAUNEE	OMS	2	1,000	FUEL OIL		1961	IN USE	YES	
KEWAUNEE		3	2,000	FUEL OIL		1961	ABAN?	YES	INFO FROM TANK REG FOLDER
LADYSMITH	USARC	1	10,000	FUEL OIL		1978	ABAN	YES	ABAN WITH FUEL
LADYSMITH	OMS	2	4,000	FUEL OIL		1978	IN USE	YES	WILL ABAN BY SUMMER 89
MADISON									
MENASHA									
MILWAUKEE	AMSA 49	1					ABAN		
MILWAUKEE	301	1	3,000	FUEL OIL	BARE STEEL	1951	IN USE	YES	
SILVER SPRING DRIVE	302	2	1,500	FUEL OIL	BARE STEEL	1951		YES	
	303	3	2,000	FUEL OIL	BARE STEEL	1951		YES	
	304	4	1,500	FUEL OIL	BARE STEEL	1951		YES	NATURAL GAS '89
	305	5	1,500	FUEL OIL	BARE STEEL	1951		YES	NATURAL GAS '89
	306	6	2,000	FUEL OIL	BARE STEEL	1951		YES	
	307	7	2,000	DIESEL	BARE STEEL	1951		YES	
	308	8	3,000	FUEL OIL	BARE STEEL	1951		YES	
	309	9	1,000	FUEL OIL	BARE STEEL	1951		YES	NATURAL GAS '89
	310	10	6,000	LEADED GAS	BARE STEEL	1951	REMOVED	YES	
	312	11	3,000	DIESEL	BARE STEEL	1951	REMOVED	YES	
	315	12	1,000	FUEL OIL	BARE STEEL	1951		YES	
	315	13	1,000	FUEL OIL	BARE STEEL	1951		NO	
	315	14	1000	DIESEL	BARE STEEL		ABANDON	NO	REMOVE 89
ONALASKA									

REPRODUCED AT GOVERNMENT EXPENSE

FORT MCCOY UNDERGROUND STORAGE TANK INVENTORY

FACILITY NAME	BUILDING NUMBER	TANK NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	TANK REGISTER	REMARKS
OSHKOSH									
PEWAUKEE	USARC	1	6,000	FUEL OIL		1959	ABAN	YES	FUEL LEFT IN TANK
PEWAUKEE	OMS	2	1,000	FUEL OIL		1959	ABAN	YES	FUEL LEFT IN TANK
RACINE	USARC	1	6,000	FUEL OIL	EST. STEEL	1951	ABAN	YES	2875 GAL LEFT SUS LEAKER
RACINE	OMS	2	1,000	FUEL OIL	EST. STEEL	1951-59	ABAN	NO	TANK NOT EMPTY

FORT MCCOY 1989 UNDERGROUND STORAGE TANK INVENTORY

BUILDING NUMBER	TANK CAPACITY GALLONS	TANK PRODUCT	TANK CONSTRUCTION	TANK INSTALLATION DATE
105	750	FUEL OIL	BARE STEEL	1943
457	750	FUEL OIL	BARE STEEL	1943
659	750	FUEL OIL	BARE STEEL	1943
1546	500	FUEL OIL	BARE STEEL	1943
1553	1000	FUEL OIL	BARE STEEL	1943
1553	14,000	LEAD GAS	BARE STEEL	1965
1553	8,000	UNLE GAS	BARE STEEL	1965
1557	500	FUEL OIL	BARE STEEL	1943
1849	750	FUEL OIL	BARE STEEL	1943
1853	750	FUEL OIL	BARE STEEL	1943
2114	860	FUEL OIL	BARE STEEL	1947
2124	500	FUEL OIL	BARE STEEL	1943
2190	500	DIESEL	BARE STEEL	1943
2321	12,000	FUEL OIL	BARE STEEL	1943
2541	1,000	FUEL OIL	BARE STEEL	1943
2569	1,000	FUEL OIL	BARE STEEL	1943
2849	1,500	FUEL OIL	BARE STEEL	1943
2852	1,000	FUEL OIL	BARE STEEL	1943

REPRODUCED AT GOVERNMENT EXPENSE

FORT MC COY UNDERGROUND STORAGE TANK INVENTORY

not complete
listing

BLDG #	TANK CAP GAL	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	TANK STATUS	PROJECTED REMOVAL YEAR
1370	2,500	DIESEL FUEL	FIBERGLASS	1990	IN USE	N/A
105	750	FUEL OIL	BARE STEEL	1943	IN USE	1992
659	250	FUEL OIL	BARE STEEL	1943	IN USE	1992
1010	500	DIESEL FUEL	UNKNOWN	?	ABAN	1992
1553	3,000	LEADED GAS	BARE STEEL	1975	ABAN	1992
1557	340	GASOLINE	BARE STEEL	1964	IN USE	1992
1562	500	FUEL OIL	BARE STEEL	1971	IN USE	1992
1565	500	FUEL OIL	FIBERGLASS	1977	IN USE	1992
1656	750	FUEL OIL	BARE STEEL	1972	IN USE	1992
1680	4,000	FUEL OIL	FIBERGLASS	1978	IN USE	1992
1849	750	FUEL OIL	BARE STEEL	1943	IN USE	1992
1853	750	FUEL OIL	BARE STEEL	1943	IN USE	1992
2197	500	FUEL OIL	UNKNOWN	1977	IN USE	1992
2204	1,000	FUEL OIL	BARE STEEL	1943	IN USE	1992
2541	1,000	FUEL OIL	BARE STEEL	1946	IN USE	1992
2569	1,000	FUEL OIL	BARE STEEL	1943	IN USE	1992
2572	500	FUEL OIL	BARE STEEL	1977	IN USE	1992
2852	1,000	FUEL OIL	BARE STEEL	1961	IN USE	1992
5007	550	DIESEL FUEL	COATED STEEL?	1985	IN USE	1992
5014	?	FUEL OIL	BARE STEEL	1942	IN USE	1992
5030	750	FUEL OIL	BARE STEEL	1943	IN USE	1992
5040	500	FUEL OIL	BARE STEEL	1943	IN USE	1992
6062	500	DIESEL FUEL	COATED STEEL	1976	IN USE	1992
6062	500	DIESEL FUEL	COATED STEEL	1976	IN USE	1992
6062	500	DIESEL FUEL	COATED STEEL	1976	IN USE	1992
6065	500?	DIESEL FUEL	UNKNOWN	1975	ABAN	1992
6250	140	DIESEL FUEL	UNKNOWN	1976	IN USE	1992
10111	12,000	FUEL OIL	BARE STEEL	1973	ABAN	1992
10137	500	DIESEL FUEL	UNKNOWN	?	ABAN	1992
242	1,500	UNUSED SOLVENT	COATED STEEL	1977	IN USE	1993
242	10,000	FUEL OIL	COATED STEEL	1971	IN USE	1993
242	5,000	DIESEL FUEL	COATED STEEL	1971	IN USE	1993
242	5,000	UNLEADED GAS	COATED STEEL	1971	IN USE	1993
2190	500	DIESEL	BARE STEEL	1943	ABAN 1979	1993
2190	12,000	UNLEADED GAS	BARE STEEL	1943	ABAN	1993
2190	12,000	UNLEADED GAS	BARE STEEL	1943	IN USE	1993
2190	12,000	DIESEL FUEL	BARE STEEL	1943	IN USE	1993
2190	1,000	UNLEADED GAS	BARE STEEL	1943	IN USE	1993
2190	1,000	DIESEL FUEL	BARE STEEL	1943	IN USE	1993
3050	25,000	FUEL OIL	BARE STEEL	1975	IN USE	1993
3050	25,000	FUEL OIL	BARE STEEL	1975	IN USE	1993
3050	10,000	DIESEL FUEL	BARE STEEL	1975	IN USE	1993
3050	1,500	FUEL OIL	FIBERGLASS	1976	ABAN	1993
3050	10,000	UNLEADED GAS	BARE STEEL	1975	IN USE	1993
3050	7,500	USED ENG OIL	BARE STEEL	1975	IN USE	1993
5050	500	FUEL OIL	BARE STEEL	1943	IN USE	1994
6188	1,500	FUEL OIL	BARE STEEL	1952	IN USE	1995
7051	1,500	FUEL OIL	BARE STEEL	1969	IN USE	1995
1553	8,000	UNLEADED GAS	COATED STEEL	1965	IN USE	1998
1553	14,000	UNLEADED GAS	BARE STEEL	1965	IN USE	1998

- 2 tanks removed this location (5030)

INVENTORY OF FORT MCCOY UST REMOVALS

BLDG NUMBER	TANK CAPACITY GAL	TANK PRODUCT	TANK CONSTRUCTION INFORMATION	TANK INSTALL DATE	REMOVAL YEAR	CLEAN CLOSURE YES/NO/UNK
2114	860	FUEL OIL	BARE STEEL	1947	1978	UNK
1754	1,500	FUEL OIL	COATED STEEL	1972	1986	UNK
106	1,500	FUEL OIL	BARE STEEL	1943	1989	YES
108	750	FUEL OIL	BARE STEEL	1943	1989	YES
1266	12,000	WASTE OIL	BARE STEEL	1943	1989	NO
1266	12,000	WASTE OIL	BARE STEEL	1943	1989	NO
1358	12,000	GASOLINE	BARE STEEL	1943	1989	NO
1467	12,000	DIESEL	BARE STEEL	1943	1989	NO
1467	12,000	DIESEL	BARE STEEL	1943	1989	NO
1550	750	FUEL OIL	BARE STEEL	1943	1989	YES
1550	750	FUEL OIL	BARE STEEL	1943	1989	YES
1554	12,000	FUEL OIL	BARE STEEL	1943	1989	NO
1658	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
1661	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
1668	1,650	FUEL OIL	FIBERGLASS	1977	1989	YES
1668	1,650	FUEL OIL	FIBERGLASS	1977	1989	YES
1669	12,000	GASOLINE	BARE STEEL	1943	1989	NO
1669	12,000	DIESEL	BARE STEEL	1943	1989	NO
1857	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
1859	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
1862	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
1879	12,000	GASOLINE	BARE STEEL	1943	1989	NO
1879	12,000	GASOLINE	BARE STEEL	1943	1989	NO
1938	860	FUEL OIL	BARE STEEL	1951	1989	YES
2011	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
2013	750	FUEL OIL	?	?	1989	YES
2110	2,000	GASOLINE	?	?	1989	YES
2113	4,000	FUEL OIL	BARE STEEL	1947	1989	YES
2190	4,000	GASOLINE	BARE STEEL	1943	1989	YES
2190	750	DIESEL	BARE STEEL	1943	1989	YES
2190	750	DIESEL	BARE STEEL	1943	1989	YES
2773	4,000	WASTE OIL	FIBERGLASS	1978	1989	YES
6062	1,000	FUEL OIL	COATED STEEL	1976	1989	YES
10111	500	FUEL OIL	BARE STEEL	1943	1989	YES
✓ 457	750	FUEL OIL	BARE STEEL	1943	1991	NO
✓ 1152	1,500	GASOLINE	BARE STEEL	1970	1991	YES
✓ 1152	1,000	DIESEL	BARE STEEL	1970	1991	NO
✓ 1409	4,000	FUEL OIL	FIBERGLASS	1978	1991	YES
✓ 1553	1,000	FUEL OIL	BARE STEEL	1943	1991	NO
✓ 1669	1,000	SOLVENT	BARE STEEL	1943	1991	YES
✓ 1669	1,000	KEROSENE	BARE STEEL	1943	1991	YES
✓ 2321	12,000	FUEL OIL	BARE STEEL	1943	1991	YES
✓ 2846	1,500	FUEL OIL	BARE STEEL	1958	1991	YES