

GRCRS Package Cover Sheet

Site Name Marshfield Airport - Main Terminal

Site Address 210 W. 29th St., Marshfield, WI

BRRTS # 03-72-001110 Date of Closure Decision 7/18/97⁵⁴⁴⁴⁹

Closure letter(s)

Groundwater Use Restriction/Warranty Deed

Yes/No Off-site contamination present? (Include related documents)

Yes/No Right-of-way contamination present? (Include related documents)

General location map

505129.250000 GPS x-coordinate

463070.0312500 GPS y-coordinate

Detailed site map(s)

Groundwater flow map(s)

~~No~~ Latest map(s) showing extent or outline of plume

Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)

If available:

____ Legal description

3566, 3565, 3565A ^{WOOD} County and Parcel I.D./Tax Parcel No.

Geologic cross sections

____ Isoconcentrations map(s)

Document Number

GROUNDWATER USE RESTRICTION

WOOD CO. WIS.

Declaration of Restrictions

'98 OCT 20 AM 11 22

RECORD IN
VOL. 902 Rec PAGE 569
REGISTER OF DEEDS

Reich Krause
Recording Area

Name and Return Address
Marshfield Municipal Airport
210 West 29th St
Marshfield, WI 54449
1600 MCC - Per Jeff Hauer

In Re: A parcel of land located in part of the Northeast One-Quarter of the Northeast One-Quarter, and part of the Northwest One-Quarter of the Northeast One-Quarter, all in Section 19, T25N, R3E, in the City of Marshfield, Wood County, Wisconsin, described as follows;

The West 540 feet of the South 540 feet of the North 573 feet of the NE¹/₄-NE¹/₄, of said Section 19, and the East 830 feet of the South 540 feet of the North 573 Feet of the NW¹/₄-NE¹/₄ of said Section 19 (see attached map).

STATE OF WISCONSIN)
) ss
COUNTY OF WOOD)

WHEREAS, City of Marshfield is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Benzene and naphthalene contaminated groundwater above NR 140 enforcement standards exists on this property at the following location(s): Monitoring well MW-2 contained benzene at a concentration of 3.4 µg/L in January 1995 and naphthalene at a concentration of 4,200 µg/L in October 1994 (see attached Figure 2).

3566, 3565, 3565A
Parcel Identification Number (PIN)

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities at the present time, in response to a petroleum release from an underground storage tank (UST) that occurred at the Marshfield Airport-Main Terminal identified by the WDNR Reference # 03-72-001110. The petroleum release was investigated from September 1994 to March 1995 and petroleum contaminated soil was removed by excavation in October 1996.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its

successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

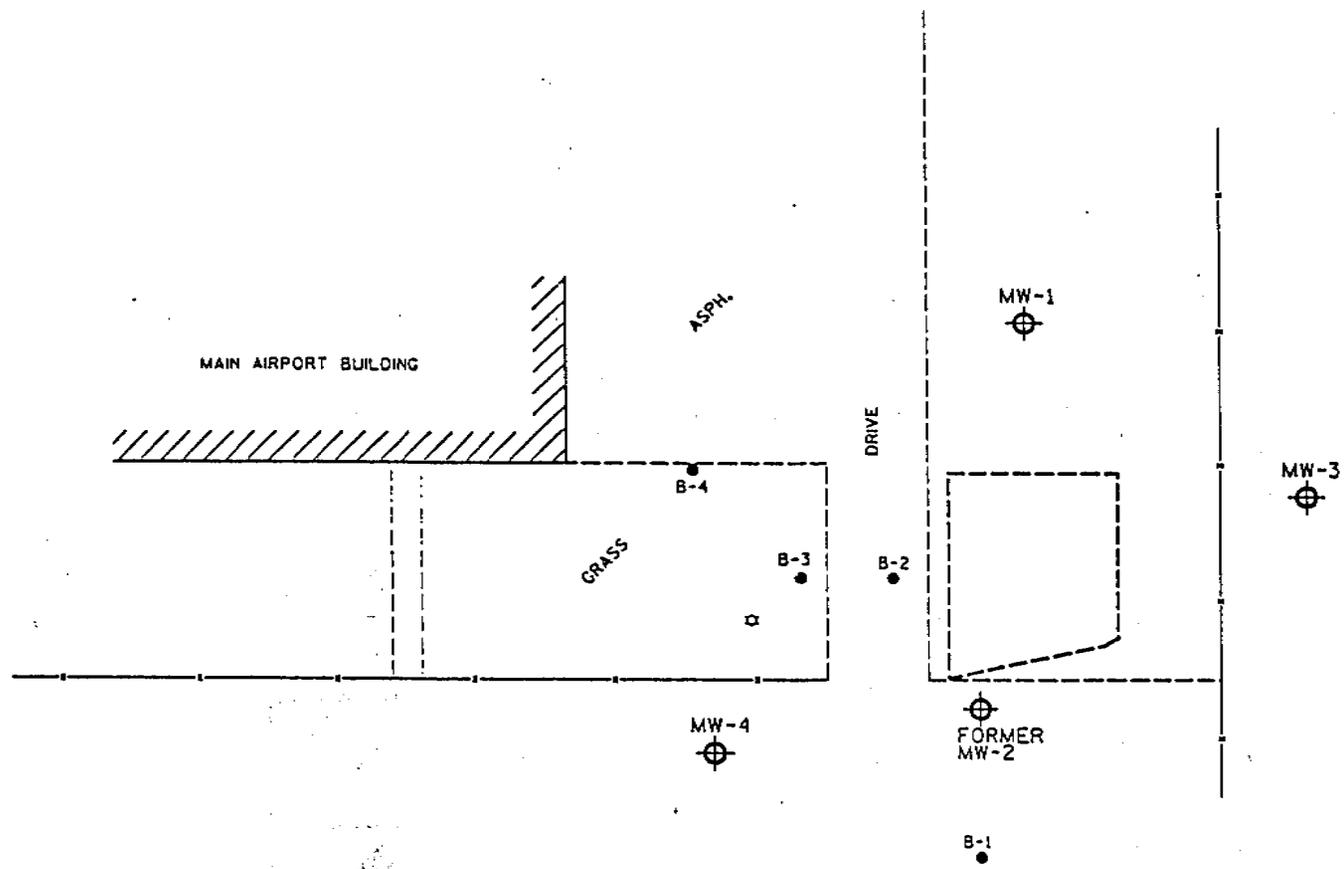
IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 7th day of October, 1998.

Signature: [Handwritten Signature]
Printed Name: RICHARD F. DANIELS

Subscribed and sworn to before me
this 7th day of October 1998

[Handwritten Signature]
Notary Public, State of WI Deborah M. Hall
My commission 7-15-01

Drafted by MSA Professional Services
P.O. Box 1026
1835 North Stevens Street
Rhinelander, WI 54501-1026
Brian Hegge



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LEGEND

- MW-1  MONITORING WELL LOCATION
- B-1  SOIL BORING LOCATION
-  FORMER UST's LOCATION
-  FENCE
-  LIGHT POLE



20 0 20
 SCALE IN FEET

FIGURE 2
SITE LAYOUT INCLUDING
SOIL BORINGS AND MONITORING
WELL LOCATIONS
 MARSHFIELD AIRPORT-MAIN TERMINAL
 MARSHFIELD, WI

SW 1/4 SE 1/4

27TH ST

75	"	"	"	"	"	75	7618
135	8						
135	9					16	135
75	"	"	"	"	"	75	7614

28TH ST

75	"	"	"	"	"	75	7641
140	8						
134	9						
75	"	"	"	"	"		

140	170
12	1
7	6
140	170

OAK

29TH



1325.62

1325.62

FBO SITE

540

NW 1/4 NE 1/4

PASSENGER TERMINAL

TERMINAL SITE

540

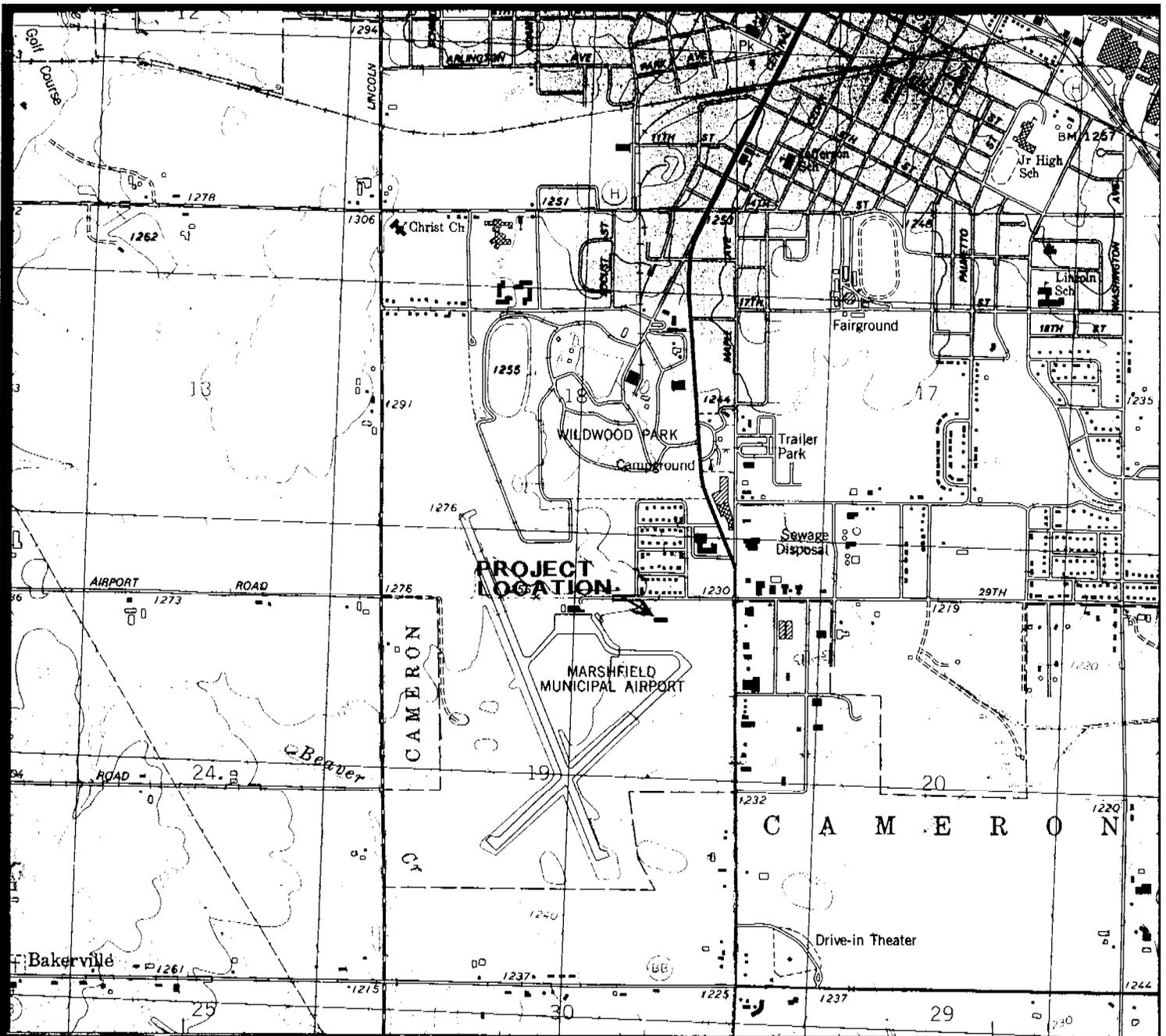
NE 1/4

830

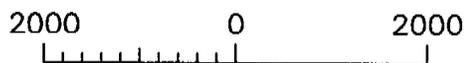
540

1309.6

Rich,
 Duddy need
 description of
 for a deed
 Nothing found
 you find to
 prepare?



PROJECT LOCATION



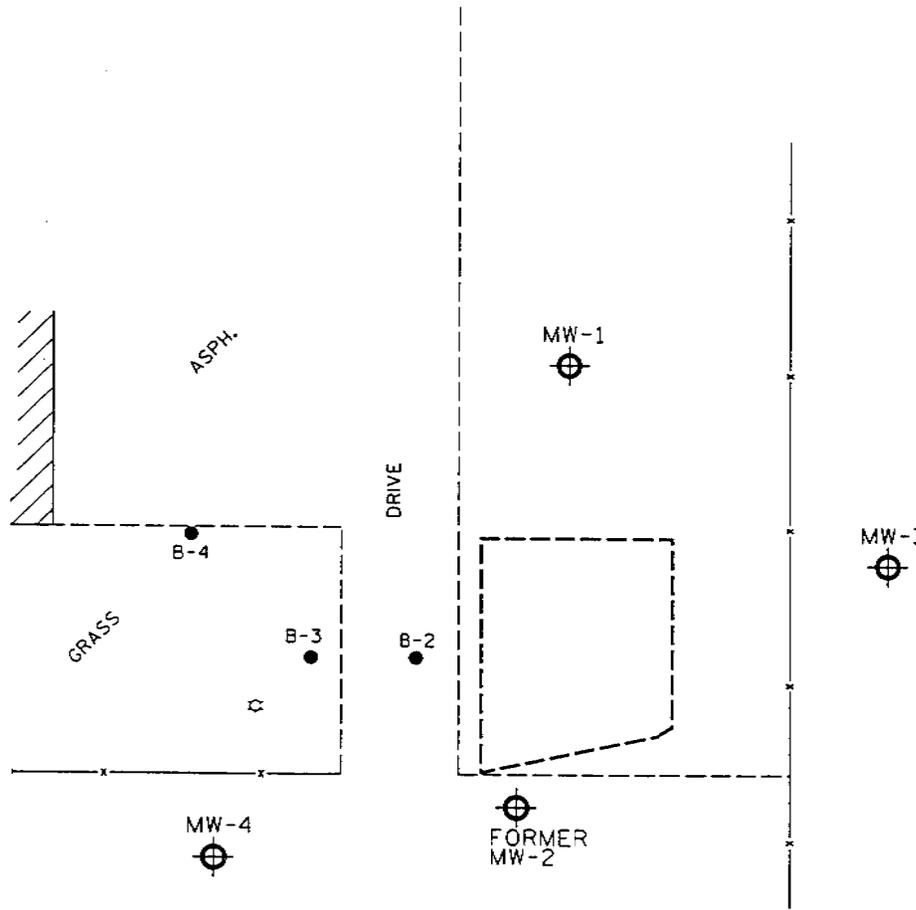
SCALE IN FEET
1 INCH = 2000 FT.



Marshfield Quadrangle
Wisconsin-Wood Co.
7.5 Minute Series (Topographic)
NW/4 Marshfield 15' Quadrangle
Contour Interval 10 Feet
1979



FIGURE I
SITE LOCATION MAP
MAIN TERMINAL
MARSHFIELD MUNICIPAL AIRPORT, MARSHFIELD, WI



LEGEND

- MW-1  MONITORING WELL LOCATION
- B-1  SOIL BORING LOCATION
-  FORMER UST's LOCATION
-  FENCE
-  LIGHT POLE

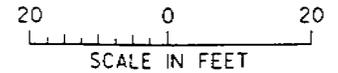
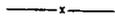
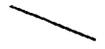


FIGURE 2
SITE LAYOUT INCLUDING
SOIL BORINGS AND MONITORING
WELL LOCATIONS
MARSHFIELD AIRPORT-MAIN TERMINAL
MARSHFIELD, WI

LEGEND

- MW-1  MONITORING WELL LOCATION
- B-1  SOIL BORING LOCATION
-  FORMER UST's LOCAT
-  FENCE
-  LIGHT POLE
-  GROUNDWATER ELEV. CONTOUR, DASHED WHEN INFERRED CONTOUR INTERVAL 0.5'
-  ESTIMATED GROUNDWAT FLOW DIRECTION

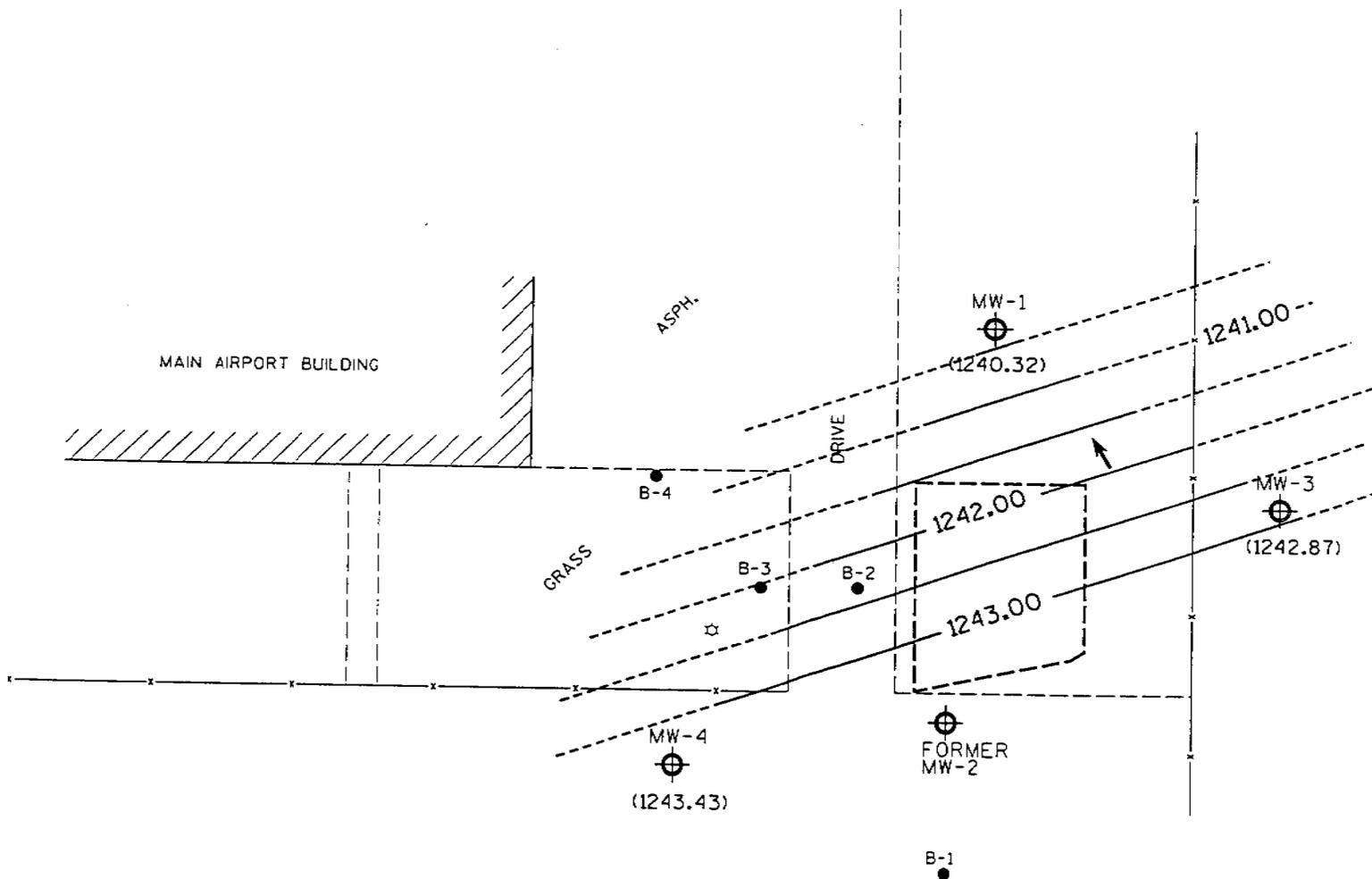
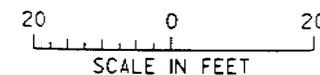
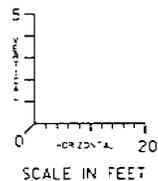
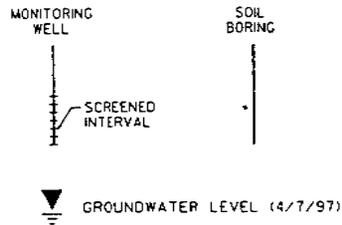


FIGURE 6
GROUNDWATER ELEVATIONS
APRIL 1, 1997
 MARSHFIELD AIRPORT-MAIN TERMINA-
 MARSHFIELD, WI

NOTES:

1. INFORMATION BETWEEN SOIL BORINGS IS INTERPRETED BASED UPON AVAILABLE DATA. ACTUAL CONDITIONS BETWEEN SOIL BORINGS ARE UNKNOWN.
2. FOR THE PURPOSE OF ILLUSTRATING SUBSOIL CONDITIONS ON THE CROSS SECTIONS, SOME OF THE BORING LOGS HAVE BEEN SIMPLIFIED. FOR A DETAILED DESCRIPTION OF SUBSURFACE CONDITIONS AT INDIVIDUAL BORINGS REFER TO SOIL BORING LOGS.
3. GRO & DRO RESULTS IN mg/Kg AND PVOC RESULTS IN µg/Kg.

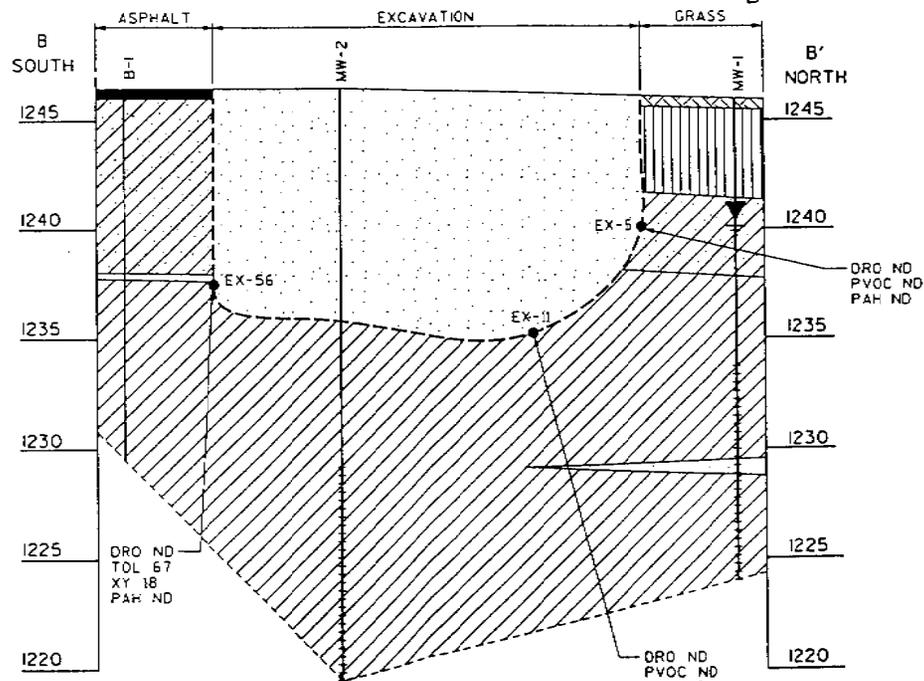
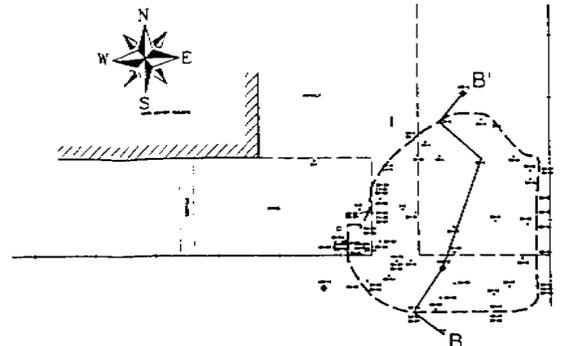
EXPLANATION



ND NOT DETECTED
 PVOC PETROLEUM VOLATILE ORGANIC COMPOUNDS
 DRO DIESEL RANGE ORGANICS mg/L
 TOL TOLUENE µg/L
 XY XYLENE µg/L
 ACE ACENAPHTHYLENE µg/L
 PAH PETROLEUM AROMATIC HYDROCARBON

LOCATION OF HYDROGEOLOGIC CROSS SECTION

NOT TO SCALE



RESULTS SHOWN ARE LABORATORY CONFIRMATION SAMPLES

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LEGEND

- EX-1 CLOSURE SAMPLE LOCATION
- - - EXTENT OF EXCAVATION
- ASPHALT
- SANDY CLAY
- CLAY
- SILT
- SAND
- TOPSOIL

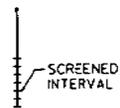
FIGURE 5
HYDROGEOLOGIC CROSS SECTION
B-B'
 MARSHFIELD AIRPORT MAIN TERMINAL
 MARSHFIELD, WI

NOTES:

1. INFORMATION BETWEEN SOIL BORINGS IS INTERPRETED BASED UPON AVAILABLE DATA. ACTUAL CONDITIONS BETWEEN SOIL BORINGS ARE UNKNOWN.
2. FOR THE PURPOSE OF ILLUSTRATING SUBSOIL CONDITIONS ON THE CROSS SECTIONS, SOME OF THE BORING LOGS HAVE BEEN SIMPLIFIED. FOR A DETAILED DESCRIPTION OF SUBSURFACE CONDITIONS AT INDIVIDUAL BORINGS REFER TO SOIL BORING LOGS.
3. DRO & DRO RESULTS IN mg/Kg AND PVOC RESULTS IN µg/Kg.

EXPLANATION

MONITORING WELL



SOIL BORING

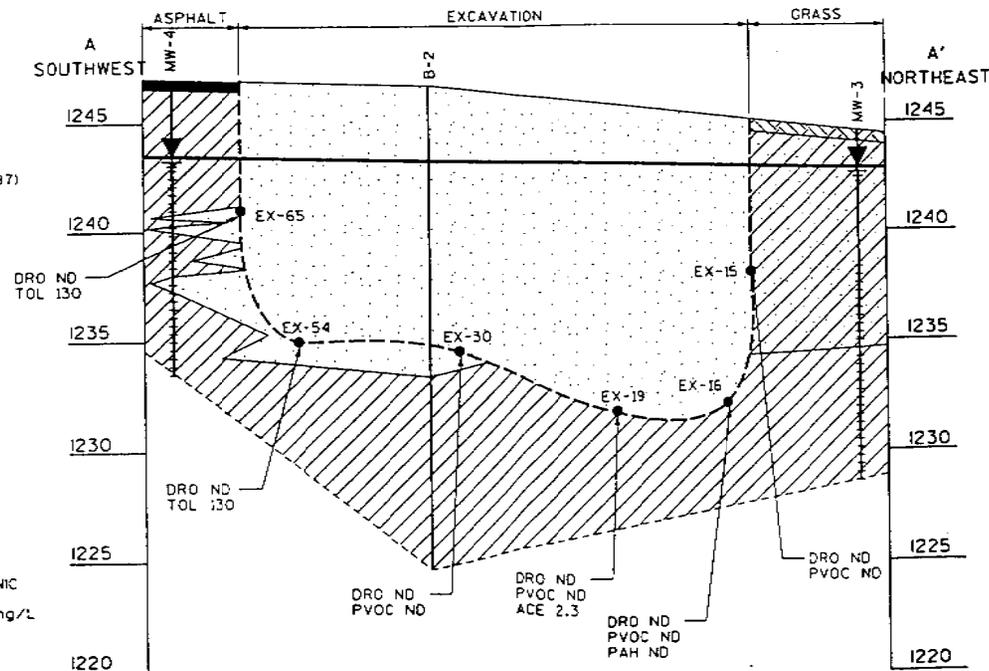
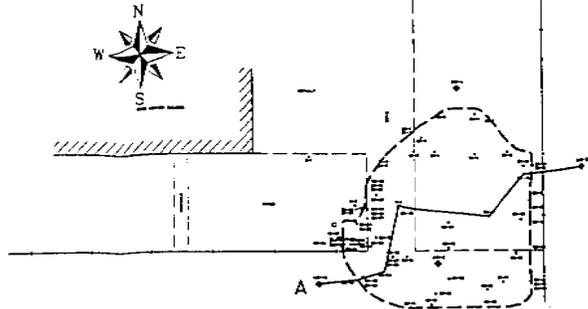


GROUNDWATER LEVEL (4/1/97)

ND NOT DETECTED
 PVOC PETROLEUM VOLATILE ORGANIC COMPOUNDS
 DRO DIESEL RANGE ORGANICS mg/L
 TOL TOLUENE µg/L
 XY XYLENE µg/L
 ACE ACENAPHTHYLENE µg/L
 PAH PETROLEUM AROMATIC HYDROCARBON

LOCATION OF HYDROGEOLOGIC CROSS SECTION

NOT TO SCALE



RESULTS SHOWN ARE LABORATORY CONFIRMATION SAMPLES

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LEGEND

- EX-1 CLOSURE SAMPLE LOCATION
- EXTENT OF EXCAVATION

- ASPHALT
- SANDY CLAY
- CLAY
- SAND
- TOPSOIL

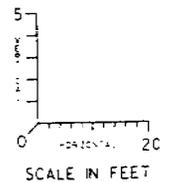


FIGURE 4
HYDROGEOLOGIC CROSS SECTION
 A-A'
 MARSHFIELD AIRPORT MAIN TERMINAL
 MARSHFIELD, WI

**Table 3
Groundwater Laboratory Results
Marshfield Municipal Airport Main Terminal, Marshfield, WI**

Identification	MW-1				MW-2		MW-2 Dup		Trip	WAC NR 140	
	10-94	1-95	1-28-97	4-1-97	10-94	1-95	10-94	1-95	1-95	PAL	ES
GRO (mg/L)			--								
DRO (mg/L)	0.14	1.03	--		0.52	4.71	1.50	4.69			
VOCs* (µg/L)											
Benzene	--	--	--	--	6.6	3.4	6.8	3.2	--	0.5	5
Ethylbenzene	--	--	--	--	37	35	37	33	--	140	700
Methyl tert-butyl ether	3.0**	--	--	--	--	--	--	--	--	12	60
Toluene	50***	--	--	<0.837>	--	--	--	1.0	--	68.6	343
1,2,4-Trimethylbenzene	--	--	--	--	56	3.8	56	7.8	--		
1,3,5-Trimethylbenzene	--	--	--	--	24	16	24	19	--		
Total Xylenes	--	--	--	<1.3>	15	3.9	15	3.3	--	124	620
Isopropylbenzene	--				16		16				
n-Butylbenzene	--				64						
p-Isopropyltoluene	--				10		10				
Naphthalene	--		--	--	200		210			8	40
n-Propylbenzene	--				22		22				
PAHs (µg/L)											
Anthracene					1.5		0.41				
Benzo(a)anthracene					2.5		1.4				
Benzo(b)fluoranthene					1.2		0.49				
Benzo(g,h,i)perylene					0.39		0.13				
Chrysene					0.60		0.12				
Fluorene					210		31				
Indeno(1,2,3-cd)pyrene					0.32		0.11				
Methyl-1-naphthalene					330		47				
Methyl-2-naphthalene					730		91				
Naphthalene					4200		540			8	40
Pyrene					1.3		0.47				

PAL = ch. NR 140 Wisconsin Administrative Code (WAC) Preventive Action Limit.

ES = ch. NR 140 Wis. Adm. Code Enforcement Standard.

Blank = Parameter not analyzed or WAC NR 140 not established or available.

-- = Parameter analyzed but not detected above method detection limits (MDLs). MDLs are presented in laboratory reports in Appendix C.

*All samples were analyzed for full set of VOCs during the 10-94 sampling round; only PVOCs and parameters detected are shown.

** Methyl tert-butyl ether reported as a possible laboratory in-house contaminant.

***Toluene concentration estimated in sample MW-1 collected 10-94, due to sample pH>4.8.

Shading = PAL exceedance.

Shading & Italics = ES exceedance.

< > = Detection between LOD and LOQ.

Table 3
Groundwater Analytical Sample Results
Marshfield Municipal Airport Main Terminal, Marshfield, WI

Identification	MW-3				MW-3 Dup		MW-4				Trip Blank			WAC NR 140	
	10-94	1-95	1-28-97	4-1-97	1-28-97	4-1-97	10-94	1-95	1-28-97	4-1-97	1-95	1-28-97	4-1-97	PAL	ES
GRO (mg/L)			0.035		0.032							--			
DRO (mg/L)	0.10	0.93	0.18		0.19		--	0.88							
VOCs* (µg/L)															
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5	5
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	140	700
Methyl tert-butyl ether	1.1**	--	--	--	--	--	--	--	--	--	--	--	--	12	60
Toluene	4.1	--	--	<0.78>	--	--	6.0	--	--	<0.78	--	--	<0.79>	68.6	343
1,2,4-Trimethylbenzene	--	--	1.6	1.5	1.6	1.5	--	--	--	--	--	--	--		
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--		
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	124	620
Isopropylbenzene	--						--								
n-Butylbenzene	--						--								
p-Isopropyltoluene	--						--								
Naphthalene	--		1.8	2.3	2.0	2.2	--			--		--	--	8	40
n-Propylbenzene	--						--								
PAHs (µg/L)															
Anthracene	--														
Benzo(a)anthracene	--														
Benzo(b)fluoranthene	0.30														
Benzo(g,h,i)perylene	--														
Chrysene	--														
Fluorene	--														
Indeno(1,2,3-cd)pyrene	--														
Methyl-1-naphthalene	13														
Methyl-2-naphthalene	0.61														
Naphthalene	8.4													8	40
Pyrene	--														

PAL = ch. NR 140 Wisconsin Administrative Code (WAC) Preventive Action Limit.

ES = ch. NR 140 Wis. Adm. Code Enforcement Standard.

Blank = Parameter not analyzed or WAC NR 140 not established or available.

-- = Parameter analyzed but not detected above method detection limits (MDLs). MDLs are presented in laboratory reports in Appendix C.

*All samples were analyzed for full set of VOCs during the 10-94 sampling round; only PVOCs and parameters detected are shown.

** Methyl tert-butyl ether reported as a possible laboratory in-house contaminant.

Shading = PAL exceedance.

Shading & Italics = ES exceedance.

< > = Detection between LOD and LOQ.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076/1605
TTY 715-839-2786

September 25, 1997

REF: 03-72-001110

Mr. Harold Gaier
Marshfield Municipal Airport
210 West 29th Street
Marshfield, WI 54449

FILE COPY

**SUBJECT: Conditional Case Closure With Groundwater Restriction, Marshfield
Municipal Airport, 210 West 29th Street, Marshfield, Wisconsin.**

Dear Mr. Gaier:

On May 8, 1997, the Department of Natural Resources (DNR) west central region case closeout committee reviewed the case summary and closeout form for the above referenced site. The groundwater samples collected after remedial activities at the site did not verify that the historical Wisconsin Administrative Code NR 140 enforcement standard exceedance for naphthalene was successfully remediated from the groundwater. Therefore, based on all information contained in the site file and submitted by your consultant it is the decision of the committee that no further investigatory or clean-up action is needed at the above referenced site if a groundwater use restriction which is approved by the Department and meets the requirements of statute NR 726.05(8)(am), Wis. Adm. Code, is recorded with the County Register of Deeds. The Department will consider the case closed, having determined that no further action is necessary on the site at this time. I have enclosed a model of the groundwater use restriction. Please complete the form with the needed site-specific information and return it to the Department within 30 days for review. Do not file the document with the County Register of Deeds until the Department has approved the deed attachment.

The monitoring wells that were installed as part of the investigation/remedial action, must be properly abandoned in accordance with Wisconsin Administrative Code NR 141.25. Documents substantiating proper abandonment (Form 3300-5B) should be forwarded to me at the DNR west central office.

September 25, 1997

REF: 03-72-001110

Mr. Harold Gaier - Marshfield Municipal Airport

Page 2

Once the monitoring well abandonment forms and a notarized copy of the recorded deed has been received, a final close out letter will be issued for this site. You should note that this letter does not constitute Department "certification" under s. 292.15(2)(a)3, Stats., as created by 1993 Wisconsin Act 453 (May 12, 1994). Persons who meet the definition of "purchaser" in s. 292.15(1)(c) must receive Department pre-approval prior to conducting a site investigation in order to be eligible for liability exemption under s. 292.15, Stat.

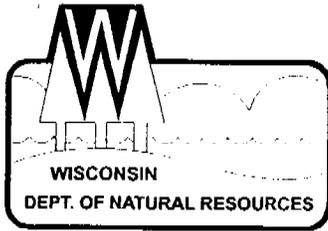
The Department appreciates the actions you have undertaken to restore the environment. If you have any questions, please feel free to call me at (715) 839-2781.

Sincerely,



Tom Hvizdak
Hydrogeologist

c: Brian Hegge, MSA, P.O. Box 1026, Rhineland, WI 54501-1026
Eileen Kramer, WDNR-WCR



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

Wisconsin Rapids Office
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494-7859
Telephone 715-421-7800
FAX 715-421-7830

January 4, 1999

REF: 03-72-001110

Mr. Harold Gaier
Marshfield Municipal Airport
210 West 29th Street
Marshfield, WI 54449

SUBJECT: Conditional Case Closure, Marshfield Municipal Airport, 210 West 29th Street,
Marshfield, Wisconsin.

Dear Mr. Gaier:

On December 30, 1998, the Wisconsin Department of Natural Resources (WDNR) west central region received the monitoring well abandonment forms for the monitoring well associated with the subsurface environmental assessment conducted by your consultant for the above referenced site and a copy of the deed affidavit (with the recording information stamped on it) recorded with the Wood County Register of Deeds as required by WDNR west central closure committee as conditions for closure of this site. Based on all information contained in the site file and the information included in the well abandonment form and deed affidavit submitted by you, it is the decision of the DNR that, **no further investigatory or clean-up action is needed at the above referenced site and that this site is considered closed.**

You should note that this letter does not constitute Department "certification" under s. 292.15(2)(a)3, Stats., as created by 1993 Wisconsin Act 453 (May 12, 1994). Persons who meet the definition of "purchaser" in s. 292.15(1)(c) must receive Department pre-approval prior to conducting a site investigation in order to be eligible for liability exemption under s. 292.15, Stat. The Department appreciates the actions you have undertaken to restore the environment.

Thank you for your efforts to cleanup Wisconsin's environment. If you should have any questions regarding this letter please contact me at (715) 421-7850.

Sincerely,

Tom Hvizdak
Hydrogeologist

c: Brian Hegge, MSA, 1835 N. Stevens St., Rhinelander, WI 54501



Quality Natural Resources Management
Through Excellent Customer Service

