

The following site is being submitted for inclusion into the GIS registry:

This is a:	New Submittal
BRRTS ID (no dashes):	0341002230
Comm # (no dashes):	53211213721
County:	Milwaukee
Region:	Commerce
Site name:	Shell Oil Co-PEW
Street Address:	2521 E Capitol
City:	Shorewood
Closure Date	2001-01-08
Closure Conditions:	met
Offsite contamination?	No
Right-of-way contamination?	No
Contaminated media:	Groundwater
GPS Coordinates (meters in the WTM91 projection)	
Easting (X):	692663.621539202
Northing (Y):	292878.181685875
Submitted by:	Cheryl Nelson

Checklist

- Final Closure Letter
- Copy of recorded deed Instrument for any property with GW >NR140 ES
- General Location Map
- Detailed Location Map showing property boundaries, buildings, etc for properties with GW >NR140 ES
- Latest Map(s) showing extent or outline of current GW plume
- GW flow direction
- MW(s) and/or potable wells
- Latest Table of GW results

January 8, 2001

Mr. Michael Holland
Mobil Oil Corporation
Joliet Refinery
P.O. Box 874
Joliet, IL 60434

Subject: **Case Closure** – Mobil Service Station 05-PEW
2521 East Capitol Drive, Shorewood, Wisconsin

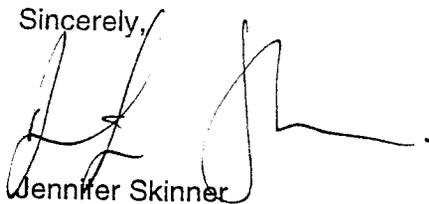
COMMERCE # 53211-2137-21
BRRTS # 03-41-002230

Dear Mr. Holland:

As of November 15, 2000, the department has received all of the required information that was requested in the November 13, 2000 conditional closure letter. No further action is required at the above-referenced site. The case will be listed as closed in our tracking system.

Thank you for your efforts in the protection of the environment. If you have any additional questions, please do not hesitate to contact me. I can be reached at 414-220-5373 or jskinner@commerce.state.wi.us.

Sincerely,



Jennifer Skinner
Hydrogeologist
Regional Technical Specialist
PECFA Site Review Section

cc: Tammi Nagel, Handex
Case file

7937128

Document Number

NOTICE OF CONTAMINATION TO PROPERTY

REGISTER'S OFFICE 1 SS Milwaukee County, WI

RECORDED AT 1:35 PM

07-18-2000

WALTER R. BARCZAK REGISTER OF DEEDS

In re: Lots 1, 2 and 3 in Block 1, in Garden Terrace, being a part of the Northeast 1/4 of the Northwest 1/4 of Section 10, in Township 7 North, Range 22 East, in the Village of Shorewood, County of Milwaukee, Wisconsin.

Recording Area AMOUNT 12.00

Name and Return Address

Heino T. Omdahl 2521 East Capitol Drive Shorewood, Wisconsin 53211-2137

STATE OF WISCONSIN)) SS COUNTY OF MILWAUKEE)

Parcel Identification No. 276-0036-036

WHEREAS, Heino T. Omdahl is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Benzene contaminated groundwater above the NR 140 enforcement standard and soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist on this property in the area of MW-1, B-2, B-3, B-4, B-5, B-6, and B-7 (eastern and northern portions of the property).

NOW THEREFORE, it is the desire and intention of the property owner to impose restrictions on the property which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time. 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 limitations and/or 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 prohibitions or 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.

And

Petroleum contaminated soil at levels above Comm 46/NR746 values remains on this property at the following locations: B-3, B-4, B-6, and B-7 (southeastern portion of the property). Structural impediments (buried utilities) existing at the time of clean up made remediation of the contamination in the area of B-7 impracticable. If the impediments are removed the contamination shall be defined and properly remediated in accordance with applicable statues and rules. An impermeable cap or cover is the selected remedial action to address residual soil contamination on the property. Therefore, an impermeable cap or cover (i.e. concrete, asphalt) shall be maintained across this property until: 1). The soil is actively remediated or removed or; 2). It can be shown that the soil has naturally degraded to levels shown to be protective of human health. If subsurface work is done in the contaminated areas, the contamination shall be properly treated or disposed of in accordance with applicable laws.

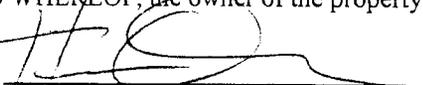
And

Residual petroleum contaminated soil with benzene, toluene, ethylbenzene, total xylenes, gasoline range organic (GRO) and diesel range organic (DRO) levels possibly as high as 9.8, 340, 120, 720, 4,400, and 220 milligrams per kilogram (mg/kg), respectively, remains on this site in the area of soil borings B-2, B-3, B-4, B-5, B-6, and B-7 (eastern and northern portions of the property). It has been shown that these levels are protective of health and the environment. If direct contact is made with these soils, it should be dealt with in accordance with applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are not longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. 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 restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this 10th day of July, 2000.

Signature:



Printed Name:

Heino T Amdahl

Title:

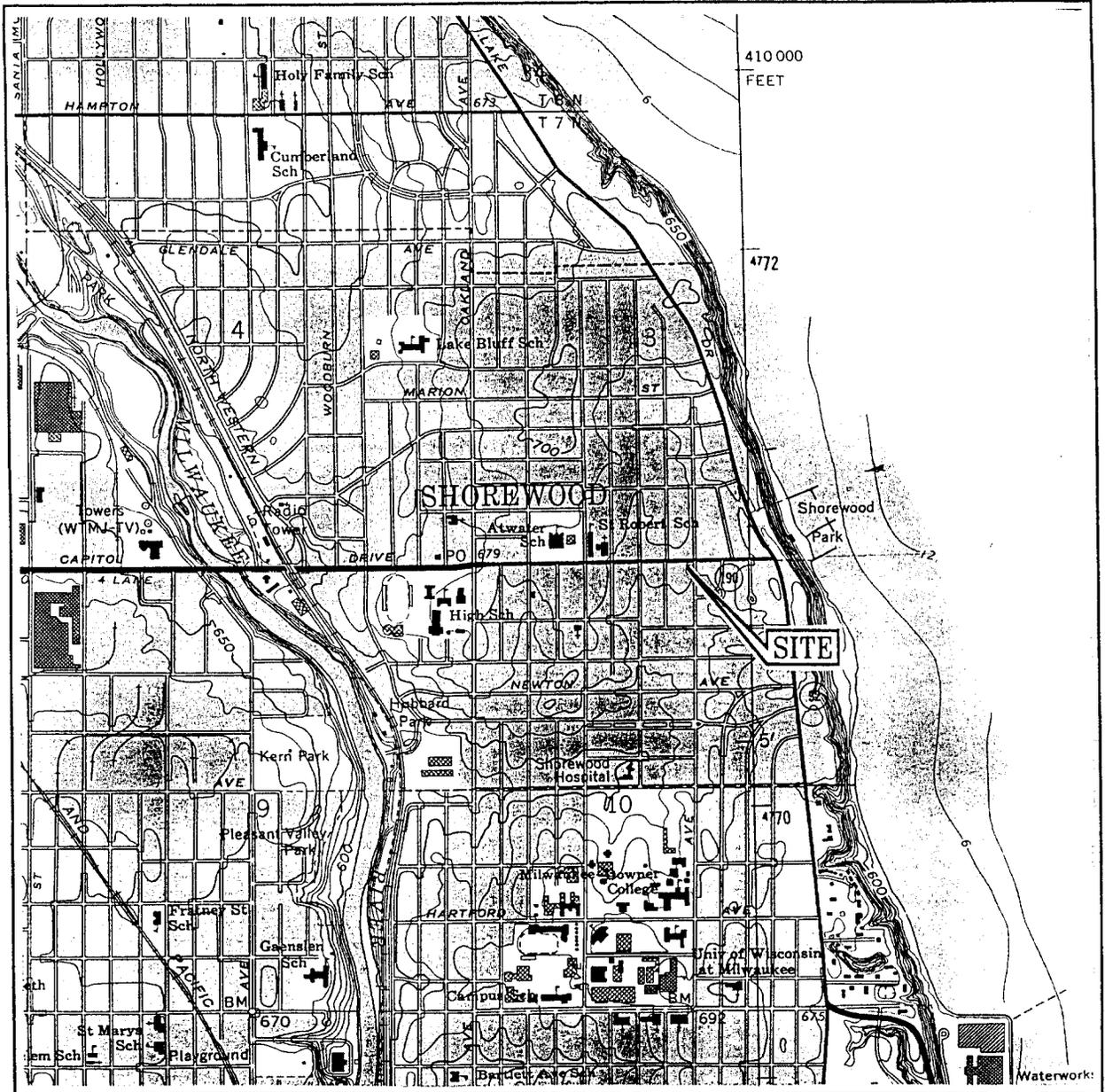
President

Subscribed and sworn to before me this 10th day of July, 2000.

Notary Public, State of Wisconsin

My commission Aug 20 2000

This document was drafted by the Wisconsin Department of Commerce.



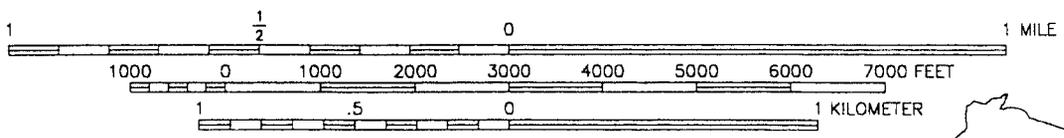
410 000
FEET

4772

SITE

Waterworks

SCALE 1:24000



MILWAUKEE QUADRANGLE
MILWAUKEE COUNTY, WISCONSIN
7.5 MINUTE SERIES (TOPOGRAPHIC)



 **Handex**
OF WISCONSIN
16940 VICTOR ROAD
NEW BERLIN, WI 53151
(414) 641-9011

MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

Table 3
Groundwater Laboratory Analytical Results
Mobil Service Station No. 05-PEW
Shorewood, Wisconsin

Well Number	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Trimethylbenzenes	GRO
MW-1	12/17/1991	6.1	ND	ND	ND	---	---	---
	05/12/1992	12	ND	ND	ND	1	ND	---
	09/17/1992	230	2.2	3.5	31.9	8.1	4.1	---
	11/12/1992	240	1.5	2.8	11.8	26	3.9	---
	DUP	220	1.2	2.6	10.9	26	3.6	---
	12/30/1992	140	1.7	1.9	6.1	45	---	---
	DUP	190	1.9	2.5	6.1	46	---	---
	05/18/1993	220	2.1	5	14	39	---	---
	06/15/1994	15	ND	ND	ND	38	ND	---
	DUP	16	ND	ND	ND	37	ND	---
	09/13/1994	64	ND	1.4	2.5	---	---	---
	09/14/1994	29	ND	ND	4.6	---	---	---
	12/07/1994	39	ND	ND	ND	35	ND	---
	DUP	40	ND	ND	ND	39	ND	---
	03/29/1995	35	4.6	ND	ND	28	ND	---
	DUP	65	ND	ND	ND	18	ND	---
	06/08/1995	30	1.4	1.2	ND	46	1.6	---
	DUP	31	1.1	ND	ND	40	ND	---
	09/14/1995	35	ND	ND	ND	29	ND	---
	DUP	54	ND	ND	ND	29	ND	---
	06/05/1996	88	3	ND	ND	44	ND	---
	DUP	90	3	ND	ND	45	ND	---
	06/20/1997	54	4	ND	ND	45	ND	---
	12/17/1997	170	11	2	5	71	ND	1400
	12/22/1998	18	0.92	0.51	2	40	0.29	---
	DUP	17	0.92	0.46	2.1	39	0.38	---
	08/31/1999	19	0.97	<0.22	0.94	35	<0.51	---
	DUP	20	1.1	<0.22	0.86	35	0.32	---
MW-2	12/17/1991	1	ND	ND	1	---	---	---
	05/12/1992	2	1	ND	ND	6	ND	---
	09/17/1992	2.1	ND	ND	ND	3.2	ND	---
	11/12/1992	1.3	ND	ND	7.3	2.6	3.7	---
	12/30/1992	1.2	ND	ND	ND	2.8	---	---
	06/15/1994	ND	ND	ND	ND	1.1	ND	---
	09/13/1994	ND	ND	ND	ND	---	---	---
	12/07/1994	ND	ND	ND	ND	1.6	ND	---
	03/29/1995	1.9	3.6	1.9	1.6	24	ND	---
	06/08/1995	ND	ND	ND	ND	160	ND	---
	09/14/1995	ND	ND	ND	6	54	6.3	---
	06/05/1996	10	14	ND	2	24	ND	---
	12/03/1996	ND	ND	ND	ND	17	ND	---
	06/20/1997	ND	ND	ND	ND	11	ND	---
	12/17/1997	ND	ND	ND	ND	9	ND	<100.0
08/31/1999	<0.13	<0.20	<0.22	<0.23	5.5	<0.51	---	
NR 140 Standards								
ES		5	343	700	620	60	480	NA
PAL		0.5	68.6	140	124	12	96	NA
Notes:								
GRO - Gasoline Range Organics				ES - Enforcement Standard				
MTBE - Methyl Tert-butyl Ether				PAL - Preventive Action Limit				
---				NA - No established NR 140 ES or PAL				
Analytical results are reported in micrograms per liter (µg/L).								
ND - Not detected above the laboratory method detection limit.								
Total Trimethylbenzene - 1,2,4- and 1,3,5-trimethylbenzene combined.								

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Groundwater Laboratory Analytical Results
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Shorewood, Wisconsin

Well Number	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Trimethylbenzenes	GRO
MW-3	12/17/1991	ND	ND	ND	ND	ND	—	—
	05/12/1992	ND	ND	ND	ND	ND	ND	---
	09/17/1992	ND	ND	ND	ND	1.7	ND	---
	11/12/1992	ND	ND	ND	ND	ND	ND	---
	12/30/1992	ND	ND	ND	ND	ND	—	---
	06/15/1994	ND	ND	ND	ND	ND	ND	---
	09/14/1994	ND	ND	ND	ND	ND	—	---
	12/07/1994	ND	ND	ND	ND	ND	ND	---
	03/29/1995	ND	ND	ND	ND	20	ND	---
	06/08/1995	ND	ND	ND	ND	ND	ND	---
	09/14/1995	ND	ND	ND	ND	ND	ND	---
	12/03/1996	ND	ND	ND	ND	ND	ND	---
	12/22/1998	ND	ND	ND	ND	ND	ND	---
	08/31/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---
MW-4	08/31/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---
TF-1	12/17/1991	ND	ND	ND	ND	—	—	---
	05/12/1992	ND	ND	ND	ND	ND	ND	---
	09/17/1992	ND	ND	ND	ND	6	ND	---
	11/12/1992	ND	ND	ND	ND	ND	ND	---
	12/30/1992	ND	ND	ND	ND	ND	—	---
	06/15/1994	ND	ND	ND	ND	ND	ND	---
	09/13/1994	ND	ND	ND	ND	—	—	---
	12/07/1994	ND	ND	ND	ND	ND	ND	---
	03/29/1995	ND	ND	ND	ND	ND	ND	---
	06/08/1995	ND	ND	ND	ND	ND	ND	---
	09/14/1995	ND	ND	ND	ND	ND	ND	---
	12/03/1996	ND	ND	ND	ND	ND	ND	---
	12/22/1998	ND	ND	ND	ND	ND	ND	---
	08/31/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---
NR 140 Standards								
ES		5	343	700	620	60	480	NA
PAL		0.5	68.6	140	124	12	96	NA
Notes:								
GRO - Gasoline Range Organics				ES - Enforcement Standard				
MTBE - Methyl Tert-butyl Ether				PAL - Preventive Action Limit				
— - Parameter not analyzed.				NA - No established NR 140 ES or PAL				
Analytical results are reported in micrograms per liter (µg/L).								
ND - Not detected above the laboratory method detection limit.								
Total Trimethylbenzene - 1,2,4- and 1,3,5-trimethylbenzene combined.								

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Mobil Service Station No. 05-PEW
Shorewood, Wisconsin

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzenes	GRO
WO	12/17/1991	ND	ND	ND	ND	ND	---	---
	05/12/1992	ND	ND	ND	ND	ND	ND	---
	09/17/1992	ND	ND	ND	ND	ND	1.3	---
	11/12/1992	ND	ND	ND	ND	ND	ND	---
	12/30/1992	ND	ND	ND	ND	ND	---	---
	06/15/1994	ND	ND	ND	ND	ND	ND	---
	09/13/1994	ND	ND	ND	ND	---	---	---
	12/07/1994	ND	ND	ND	ND	ND	ND	---
	03/29/1995	ND	ND	ND	ND	ND	ND	---
	06/08/1995	ND	ND	ND	ND	ND	ND	---
	09/14/1995	ND	ND	ND	ND	ND	ND	---
	12/22/1998	ND	ND	ND	ND	ND	ND	---
	08/31/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---
RW-1	05/18/1993	ND	ND	ND	ND	ND	---	---
	06/15/1994	ND	ND	ND	ND	ND	ND	---
	09/13/1994	ND	ND	ND	ND	---	---	---
	12/07/1994	ND	ND	ND	ND	ND	ND	---
	03/29/1995	ND	ND	ND	ND	ND	ND	---
	06/08/1995	ND	ND	ND	ND	ND	ND	---
	09/14/1995	ND	ND	ND	ND	ND	ND	---
	12/03/1996	ND	ND	ND	ND	ND	ND	---
SUMP-1	06/20/1997	56	33	13	74	23	100	---
	12/17/1997	8	ND	2	8	6	24	300
SUMP-2	06/20/1997	58	75	37	290	9	158	---
	12/17/1997	34	7	27	53	15	72	980
NR 140 Standards								
	ES	5	343	700	620	60	480	NA
	PAL	0.5	68.6	140	124	12	96	NA
Notes:								
GRO - Gasoline Range Organics				ES - Enforcement Standard				
MTBE - Methyl Tert-butyl Ether				PAL - Preventive Action Limit				
---				NA - No established NR 140 ES or PAL				
Analytical results are reported in micrograms per liter (µg/L).								
ND - Not detected above the laboratory method detection limit.								
Total Trimethylbenzene - 1,2,4- and 1,3,5-trimethylbenzene combined.								