# GIS REGISTRY INFORMATION

| | | | |
|---|---|---|---|
| **SITE NAME:** | Hansen Oil Co | | |
| **BRRTS #:** | 02-15-000677 | **FID #** (if appropriate): | |
| **COMMERCE #** (if appropriate): | 54246-9742-01 | | |
| **CLOSURE DATE:** | March 4, 2003 | | |
| **STREET ADDRESS:** | Rt 1 | | |
| **CITY:** | Washington Island | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): | **X =** | 759860 | | **Y =** | 545209 | |
| **CONTAMINATED MEDIA:** | Groundwater | x | Soil | | Both | |
| **OFF-SOURCE GW CONTAMINATION >ES:** | | Yes | | | No | x |
| • **IF YES, STREET ADDRESS:** | | | | | | |
| • **GPS COORDINATES** (meters in WTM91 projection): | **X =** | | | **Y =** | | |
| **OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):** | | **Yes** | | **No** | x | |
| • **IF YES, STREET ADDRESS 1:** | | | | | | |
| • **GPS COORDINATES** (meters in WTM91 projection): | **X =** | | | **Y =** | | |
| **CONTAMINATION IN RIGHT OF WAY:** | **Yes** | | | **No** | x | |

## DOCUMENTS NEEDED

| | |
|---|---|
| **Closure Letter, and any conditional closure letter issued** | x |
| **Copy of most recent deed, including legal description, for all affected properties** | x |
| **Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties** | x |
| **County Parcel ID number, *if used for county*, for all affected properties** **SEE DEED** | x |
| **Location Map** which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. | x |
| **Detailed Site Map(s) for all affected properties,** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. | x |
| **Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** | x |
| **Tables of Latest Soil Analytical Results (no shading or cross-hatching)** | na |
| **Isoconcentration map(s), *if required for site investigation (SI)*** (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.** | x |
| **GW: Table of water level elevations, with sampling dates, and free product noted if present** | x |
| **GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)** | x |
| **SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour** | na |
| **Geologic cross-sections, *if required for SI.*** (8.5x14' if paper copy) | x |
| **RP certified statement that legal descriptions are complete and accuraten** | x |
| **Copies of off-source notification letters (if applicable)** | na |
| **Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)** | na |
| **Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure** | na |

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
http://www.commerce.wi.gov
http://www.wisconsin.gov
**Jim Doyle, Governor**
**Cory L. Nettles, Secretary**

**Wisconsin**
Department of Commerce

March 25, 2004

Mr. Raymond Hansen
Hansen Oil Company
PO Box 137
Washington Island, WI 54246

RE: **Final Closure**

**Commerce # 54246-9742-01** WDNR BRRTS # 02-15-000677
Hansen Oil Company, Route 1, Washington Island

Dear Mr. Hansen:

The Wisconsin Department of Commerce (Commerce) has received the item required as the condition for closure for the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual groundwater contamination. It is in your interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk
Hydrogeologist
Site Review Section

cc: Kevin M. Hedinger - Shaw Environmental & Infrastructure, Inc.
Case File

File Ref: C:\Bob\542\54246\974201hansen oil\CLOSEFINAL.doc

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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**Jim Doyle, Governor**
**Cory L. Nettles, Secretary**

**Wisconsin**
Department of Commerce

March 4, 2003

Mr. Raymond Hansen
Hansen Oil Company
PO Box 137
Washington Island, WI 54246

RE: **Conditional Case Closure**

**Commerce # 54246-9742-01** WDNR BRRTS # 02-15-000677
Hansen Oil Company, Route 1, Washington Island

Dear Mr. Hansen:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Envirogen, Inc., for the site referenced above. It is understood that residual groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

**The following condition must be satisfied to obtain final closure:**

- Documentation of the abandonment (WDNR Abandonment Form 3300-B) for monitoring wells MW-1 through MW-9, MW-20, air sparge well AS-1, and soil vapor extraction wells SVE-1 through SVE-5.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Kevin M. Hedinger – Envirogen, Inc.
Case File

DOCUMENT No. 548593

STATE BAR OF WISCONSIN FORM 3—1966
QUIT CLAIM DEED

VOL 571 PAGE 442
THIS SPACE RESERVED FOR RECORDING DATA

Raymond P. Hansen also known as Raymond Hansen and Barbara J. Hansen also known as Barbara Hansen, husband and wife

quit-claim to Raymond P. Hansen and Barbara J. Hansen, as trustees of the Raymond P. Hansen and Barbara J. Hansen Revocable Trust dated May 26, 1994, and their successor trustees in interest.

the following described real estate in Door County, State of Wisconsin:

'95 MAY 15 PM 2 14
DOOR COUNTY, WI
MARILYN JADIN
REGISTER OF DEEDS

Trust Indexed

RETURN TO
P. S. W. J. H & H

WHZ 11.3

FEE $ 77.25 (16)
EXEMPT

Tax Parcel No: .....

**TRACT #1:**

The West one-half (W 1/2) of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of Section Thirty-six (36), Township Thirty-four (34) North, Range Twenty-nine (29) East, Town of Washington, Door County, Wisconsin.
(Tax Parcel No. 028-02-36342931B)

**TRACT #2:**

The North 670.00 feet of the North one-half (N 1/2) of the Northwest Quarter (NW 1/4) of the Southwest Quarter (SW 1/4), except the North 341.99 feet thereof, and subject to the rights of the public in CTH "W", in Section 36, Township 34 North, Range 29 East, Town of Washington, Door County, Wisconsin.
(Tax Parcel No. 028-02-36342932A)

**TRACT #3:**

A tract of land in Government Lot Two (2), Section Fourteen (14), Township Thirty-three (33) North of Range Twenty-nine (29) East, described as follows: Commencing at an iron pin which marks the Northwest corner of the Standard Oil Company tract in Section 14, Township 33 North of Range 29 East; thence North 24 degrees 15 minutes West along the Easterly line of a public road, 215.5 feet to the point of beginning; thence continue North 24 degrees 15 minutes West along said road 60.0 feet; thence North 78 degrees 42 minutes East 165.0 feet; thence South 24 degrees 15 minutes East 60.0 feet; thence South 78 degrees 42 minutes West 165.0 feet to the point of beginning; being a tract 60 x 165 feet in the Southwest corner of the Chambers tract as described in Volume 51 of Deeds, page 492, Door County Records.
(Tax Parcel No. 028-01-14332924)

(CONTINUED ON REVERSE SIDE HEREOF . . .)

This is not/is homestead property.

Dated this 12th day of May, 19 95

.....(SEAL)
.....

.....(SEAL)
.....

Raymond P. Hansen (SEAL)
Raymond P. Hansen also known as Raymond Hansen

Barbara J. Hansen (SEAL)
Barbara J. Hansen also known as Barbara Hansen

**AUTHENTICATION**

Signature(s) .....

authenticated this .....day of....., 19.....

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Ruth A. Jiskra
P.O. Box 1000
Sturgeon Bay, WI 54235-0000
(Signatures may be authenticated or acknowledged. Both are not necessary.)

**ACKNOWLEDGMENT**

STATE OF WISCONSIN
DOOR County, } ss.

Personally came before me this 12th day of May, 19 95 the above named Raymond P. Hansen also known as Raymond Hansen and Barbara J. Hansen also known as Barbara Hansen, husband and wife to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Ruth A. Jiskra
Notary Public, State of Wisconsin
My Commission is permanent

Notary Public, DOOR County, Wis.
My Commission is permanent, or if not, state expiration date: ....., 19.....)

Do NOT PUBLISH

pd

**TRACT #4:**

A tract of land situated in Lot Number Three (3), Section Number Fourteen (14), Township Number Thirty-three (33) North, Range Number Twenty-nine (29) East, more particularly described as follows: Commencing at an iron pin marking the corner of Lehdlin Point log camp, thence North 57 degrees 40 minutes 06 seconds West 191 feet to a point on the Easterly line of the public highway, said point being the point of beginning of the premises herein conveyed; thence South 89 degrees 45 minutes East from said point of beginning 275 feet to the high water mark of Detroit Harbor; thence South 03 degrees 40 minutes 49 seconds West 101.13 feet; thence South 86 degrees 13 minutes 14 seconds West 200 feet; thence North 25 degrees 15 minutes 09 seconds West 125 feet to the point of beginning. The North line of the premises herein conveyed is approximately 12 1/2 feet South of the South line of the lands conveyed to John Cornell in Volume 23 of Deeds, page 562. Subject to Indenture dated July 26, 1943 from Standard Oil Company (subsequently known as Amoco Oil Company) to Earl G. Richter and Arvil J. Richter conveying a portion of the above-described property (said Indenture being a Quit Claim Deed recorded April 16, 1987 in Volume 414 of Door County Records at page 590 as Document No. 469950).
(Tax Parcel No. 028-01-14332934C)

**TRACT #5:**

The Northwest Quarter (NW 1/4) of the Northwest Quarter (NW 1/4) of the Northwest Quarter (NW 1/4) of Section Five (5), Township Thirty-three (33) North, Range Thirty (30) East, Town of Washington, Door County, Wisconsin.
(Tax Parcel No. 028-03-05333022A)

**TRACT #6:**

The West Half of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of Section Thirty-two (32), Township Thirty-four (34) North, Range Thirty (30) East, containing Twenty (20) acres, more or less.
(Tax Parcel No. 028-04-32343031B)

**TRACT #7:**

The Northwest Quarter (NW 1/4) of the Southwest Quarter (SW 1/4) of Section Thirty-two (32), Township Thirty-four (34) North, Range Thirty (30) East, containing forty (40) acres more or less.
(Tax Parcel No. 028-04-32343032)

**TRACT #8:**

The West one-half (W 1/2) of the Southwest Quarter (SW 1/4) of the Southwest Quarter (SW 1/4) except the South Two Hundred Seventy feet (270') of the West One Hundred feet (100') thereof, Section Thirty-two (32), Township Thirty-four (34) North, Range Thirty (30) East, containing Nineteen and one-half (19.5) acres, more or less.
(Tax Parcel No. 028-04-32343033B)

**TRACT #9:**

The South one-half of the Southeast Quarter (SE 1/4) of Section Number Thirty-two (32), Township Number Thirty-four (34), North of Range Number Thirty (30) East, situated in the Town of Washington, Door County, Wisconsin EXCEPTING THEREFROM THE FOLLOWING DESCRIBED TRACT: A tract of land located in the South Half (S 1/2) of the Southeast Quarter (SE 1/4) in Section Thirty-two (32), Township Thirty-four (34) North, Range Thirty (30) East, more particularly described as follows: Commencing at an iron spike in the center of the town line road, said point marking the Southeast corner of said Section 32; thence North 89 degrees 30 minutes West along the South line of said Section 32 a distance of 1420 feet to the place of beginning thence North 0 degrees 1 minute West a distance of 400 feet; thence South 89 degrees 30 minutes East 200 feet; thence South 0 degrees 1 minute East 400 feet to the South line of said Southeast Quarter (SE 1/4), being the centerline of the town line road; thence North 89 degrees 30 minutes West to the place of beginning, subject to the rights of the public in the road.
(Tax Parcel Nos. 028-04-32343043A and 028-04-32343044A)

**TRACT #10:**

The following described tracts in Section Twenty-nine (29), Township Thirty-four (34) North, Range Thirty (30) East, Town of Washington, Door County, Wisconsin:

**TRACT A:**

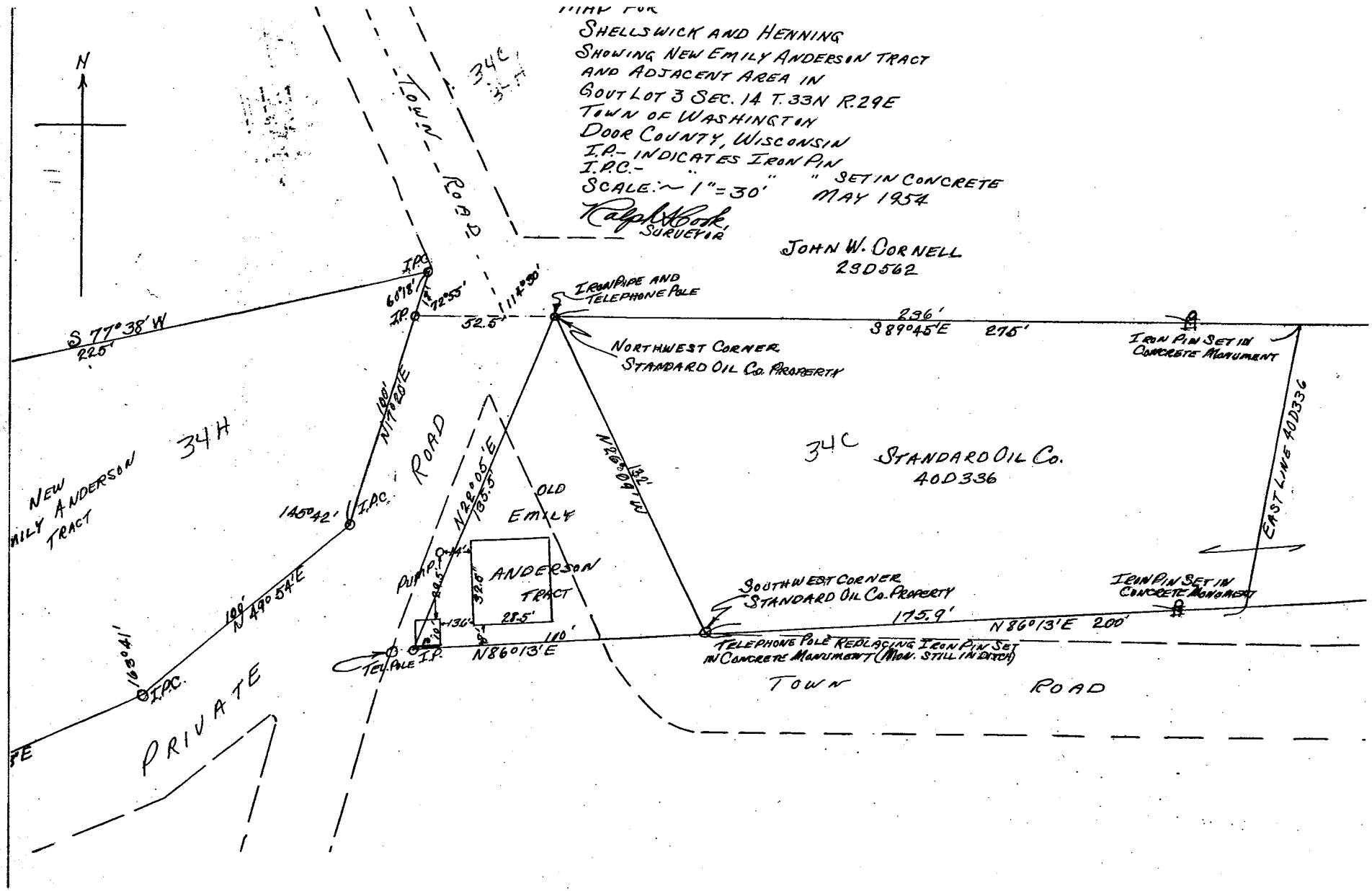
The West 141 feet of the Southwest Quarter of the Southeast Quarter (SW 1/4 of SE 1/4).
(Tax Parcel No. 028-04-29343043B)

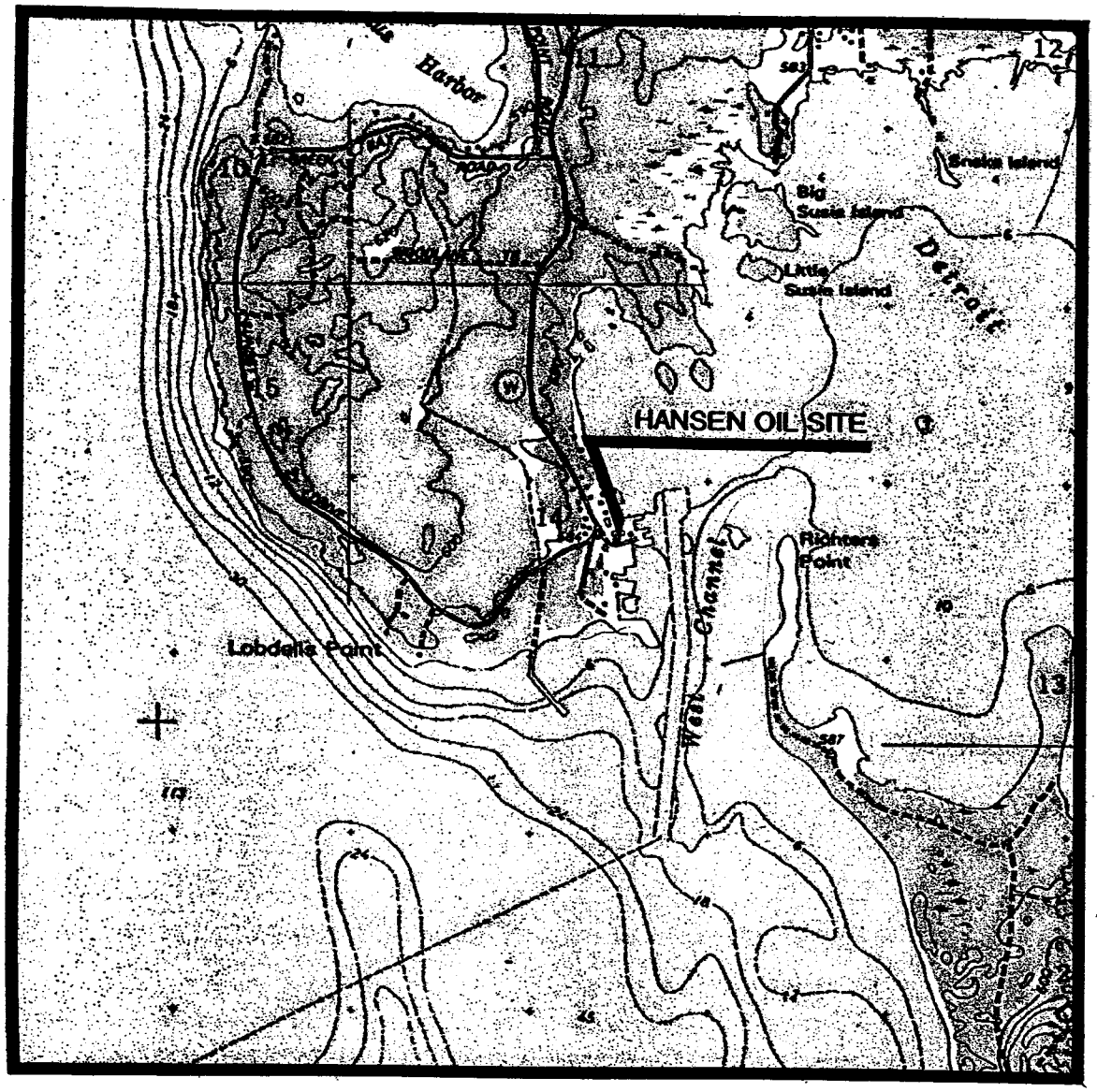
**TRACT B:**

The Southeast Quarter of the Southwest Quarter (SE 1/4 of SW 1/4), EXCEPTING THEREFROM a tract described as follows: Beginning at the Northwest corner of the Southeast Quarter (SE 1/4) of the Southwest Quarter (SW 1/4); thence running East along the center of Jackson Harbor Road 743 feet; thence South 333 feet; thence West 743 feet; thence North 333 feet to the point of beginning.
(Tax Parcel No. 028-04-29343034B)

MAP FOR
SHELLSWICK AND HENNING
SHOWING NEW EMILY ANDERSON TRACT
AND ADJACENT AREA IN
GOVT LOT 3 SEC. 14 T. 33N R. 29E
TOWN OF WASHINGTON
DOOR COUNTY, WISCONSIN
I.P.- INDICATES IRON PIN
I.P.C.- " " " SET IN CONCRETE
SCALE:~ 1"=30'
MAY 1954
Ralph A. Cook, SURVEYOR

JOHN W. CORNELL
23D562






(USGS 1982)

SCALE
1:24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

N

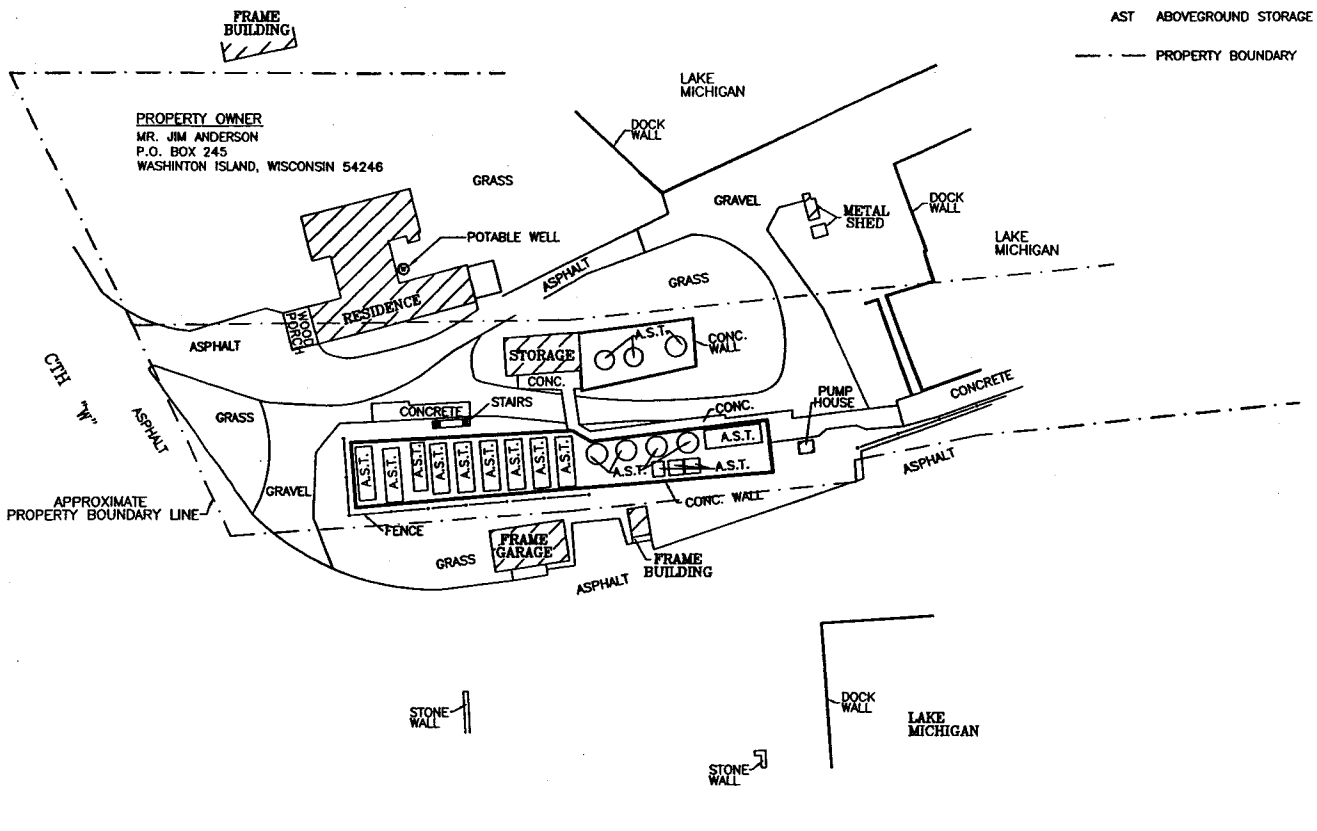
ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

| | |
|---|---|
| SITE LOCATION MAP | FIGURE NO. |
| HANSEN OIL COMPANY SITE WASHINGTON ISLAND, WISCONSIN | 1 |

| | |
|---|---|
| DATE | |
| ENGINEER | |
| DATE | |
| ENGINEER | |
| REVISIONS: | |
| APPROVED BY: | |
| CHECKED BY: | |
| 5/7/02 | |
| DRAWN BY: | KMH |
| DRAWING NO. | 95.619R21 |




LEGEND

AST ABOVEGROUND STORAGE TANK

PROPERTY BOUNDARY

ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 N. Grandview Blvd.
Pewaukee, Wisconsin 53072

SITE PLAN VIEW

HANSEN OIL COMPANY SITE
WASHINGTON ISLAND, WISCONSIN

FIGURE NO. 2

| DRAWING NO. | DRAWN BY: | CHECKED BY: | APPROVED BY: | REVISIONS: | ENGINEER | DATE | ENGINEER | DATE |
|---|---|---|---|---|---|---|---|---|
| 95.619R22 | KMH | 5/7/02 | | | | | | |

# TABLE 6

## Groundwater Analytical Results
## Hansen Oil Company Site
## Washington Island, Wisconsin

| Monitoring Well | Date Sampled | Benzene | Ethylbenzene | Toluene | Xylene | MTBE | Naphthalene |
|---|---|---|---|---|---|---|---|
| MW-9 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | *22* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | *13* | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | 7.9 | NA |
| SVE-1 | 5/29/96 | *3.6* | 100 | 360 | *520* | *21* | *18* |
| | 5/5/97 | *0.68* | 11 | 23 | 61 | *15* | NA |
| | 9/23/97 | 10 | 94 | *220* | *430* | 78 | NA |
| | 11/12/97 | NS | NS | NS | NS | NS | NS |
| SVE-2 | 5/29/96 | 6.2 | <2.0 | 4.4 | 6.3 | 580 | <2.0 |
| | 5/5/97 | *0.32* | <0.22 | <0.20 | <0.23 | 110 | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | *48* | NA |
| | 11/12/97 | NS | NS | NS | NS | NS | NS |
| SVE-3 | 5/29/96 | *0.63* | <1.0 | <1.0 | <3.0 | *54* | <1.0 |
| | 5/5/97 | 0.41 | <0.22 | <0.20 | <0.23 | *31* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.22 | <0.23 | *15* | NA |
| | 11/12/97 | NS | NS | NS | NS | NS | NS |
| NR 140 Enforcement Standard | | 5 | 700 | 1,000 | 10,000 | 60 | 40 |
| NR 140 Preventive Action Limit | | 0.5 | 140 | 200 | 1,000 | 12 | 8 |

(Continued)

Notes:

All results reported as µg/l.
MTBE: Methyl t-butyl ether
NS: Not sampled
NA: Not analyzed

Checked by: MLB
Approved by: KMA

## TABLE 6

### Groundwater Analytical Results
### Hansen Oil Company Site
### Washington Island, Wisconsin

| Monitoring Well | Date Sampled | Benzene | Ethylbenzene | Toluene | Xylene | MTBE | Naphthalene |
|---|---|---|---|---|---|---|---|
| MW-1 | 5/29/96 | *0.64* | <1.0 | <1.0 | <3.0 | 48 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 5.9 | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | 11 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | 3.3 | NA |
| MW-2 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 4.1* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | 1.1 | NA |
| MW-3 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | 4.0 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 3.1 | NA |
| | 6/24/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| MW-4 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | 0.30 | <0.23 | 3.5* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| NR 140 Enforcement Standard | | 5 | 700 | 1,000 | 10,000 | 60 | 40 |
| NR 140 Preventive Action Limit | | 0.5 | 140 | 200 | 1,000 | 12 | 8 |

(Continued)

Notes:

All results reported as µg/l.
MTBE: Methyl t-butyl ether
NS: Not sampled
NA: Not analyzed

Checked by: MRG Approved by: KMH

**TABLE 6**
**(Continued)**

**Groundwater Analytical Results**
**Hansen Oil Company Site**
**Washington Island, Wisconsin**

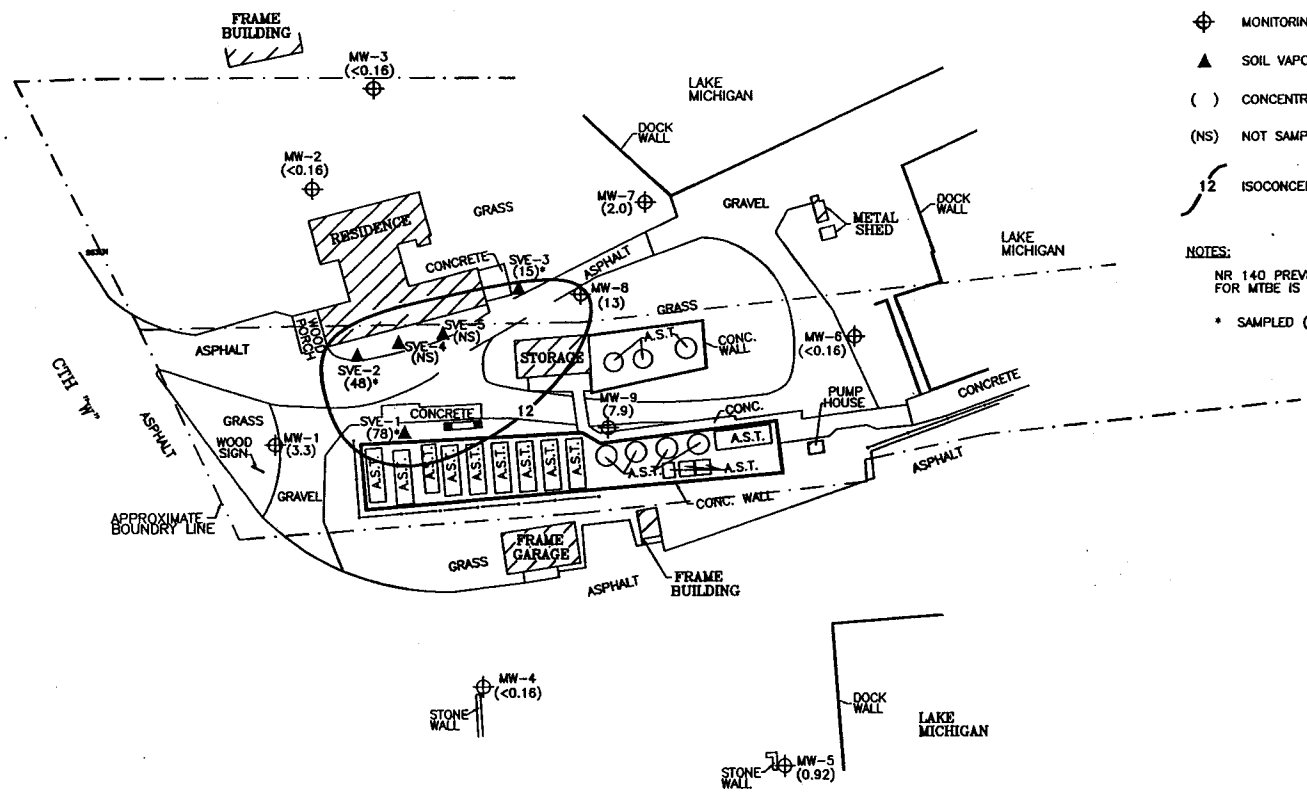
| Monitoring Well | Date Sampled | Benzene | Ethylbenzene | Toluene | Xylene | MTBE | Naphthalene |
|---|---|---|---|---|---|---|---|
| MW-5 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 |
| | 5/5/97 | 0.15 | <0.22 | 0.56 | 0.35 | 2.1* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | 0.92 | NA |
| MW-6 | 5/29/96 | <1.0 | <1.0 | <1.0 | <3.0 | <1.0 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 3.3* | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | <0.16 | NA |
| MW-7 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | 94 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 11 | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | 2.7 | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | 2.0 | NA |
| MW-8 | 5/29/96 | <0.50 | <1.0 | <1.0 | <3.0 | 1.6 | <1.0 |
| | 5/5/97 | <0.13 | <0.22 | <0.20 | <0.23 | 11 | NA |
| | 9/23/97 | <0.13 | <0.22 | <0.20 | <0.23 | *17* | NA |
| | 11/12/97 | <0.13 | <0.22 | <0.20 | <0.23 | *13* | NA |
| NR 140 Enforcement Standard | | 5 | 700 | 1,000 | 10,000 | 60 | 40 |
| NR 140 Preventive Action Limit | | 0.5 | 140 | 200 | 1,000 | 12 | 8 |

(Continued)

Notes:

All results reported as µg/l.
MTBE: Methyl t-butyl ether
NS: Not sampled
NA: Not analyzed

Checked by: AMC
Approved by: KMA




LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- ( ) CONCENTRATION IN ppb
- (NS) NOT SAMPLED
- 12 ISOCONCENTRATION CONTOUR

NOTES:

NR 140 PREVENTIVE ACTION LIMIT FOR MTBE IS 12 ppb

* SAMPLED (09/23/97)

ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 N. Grandview Blvd.
Pewaukee, Wisconsin 53072

GROUNDWATER MTBE DISTRIBUTION
(11/12/97)
HANSEN OIL COMPANY SITE
WASHINGTON ISLAND, WISCONSIN

FIGURE NO. 9

| DRAWING NO. | DRAWN BY: | CHECKED BY: | APPROVED BY: | REVISIONS: | DATE | ENGINEER | DATE | ENGINEER |
|---|---|---|---|---|---|---|---|---|
| 95.6191 | KMH | 5/6/02 | | | | | | |

# TABLE 1

## Groundwater Elevations
## Hansen Oil Company Site
## Washington Island, Wisconsin

| Date | MW-1 | | MW-2 | | MW-3 | | MW-4 | | MW-5 | | MW-6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOC Elev=581.87 | | TOC Elev=582.41 | | TOC Elev=581.42 | | TOC Elev=582.06 | | TOC Elev=581.36 | | TOC Elev=581.50 | |
| | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation |
| 5/29/96 | 2.51 | 579.36 | 3.30 | 579.11 | 2.25 | 579.17 | 2.88 | 579.18 | 2.25 | 579.11 | 2.57 | 578.93 |
| 5/5/97 | 1.90 | 579.97 | 2.18 | 580.23 | 1.91 | 579.51 | 1.90 | 580.16 | 2.11 | 579.25 | 1.18 | 580.32 |
| 9/23/97 | 2.13 | 579.74 | 2.12 | 580.29 | 1.06 | 580.36 | 1.72 | 580.34 | 1.22 | 580.14 | 1.15 | 580.35 |
| 11/12/97 | 2.08 | 579.79 | 2.76 | 579.65 | 1.65 | 579.77 | 2.26 | 579.80 | 1.30 | 580.06 | 1.80 | 579.70 |

(Continued)

Notes:

All elevations in feet above mean sea level

NM: Not measured

TOC: Top of casing

Checked by: MRG

Approved by: KMH

# TABLE 1
## (Continued)

## Groundwater Elevations
## Hansen Oil Company, Inc. Site
## Washington Island, Wisconsin

| Date | MW-7 | | MW-8 | | MW-9 | | SVE-1 | | SVE-2 | | SVE-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOC Elev=581.13 | | TOC Elev=581.83 | | TOC Elev=582.21 | | TOC Elev=585.15 | | TOC Elev=584.49 | | TOC Elev=585.13 | |
| | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation | Depth to water (feet) | Ground-water Elevation |
| 5/29/96 | 2.22 | 578.91 | 2.69 | 579.14 | 3.07 | 579.14 | 5.95 | 579.20 | 5.34 | 579.15 | 5.99 | 579.14 |
| 5/5/97 | 1.43 | 579.70 | 1.57 | 580.26 | 1.98 | 580.23 | 5.15 | 580.00 | 4.30 | 580.19 | 4.89 | 580.24 |
| 9/23/97 | 2.43 | 578.70 | 1.48 | 580.35 | 1.87 | 580.34 | 5.05 | 580.10 | 2.59 | 581.90 | 2.63 | 582.50 |
| 11/12/97 | 1.13 | 580.00 | 2.12 | 579.71 | 2.44 | 579.77 | NM | - | NM | - | NM | - |

Notes:

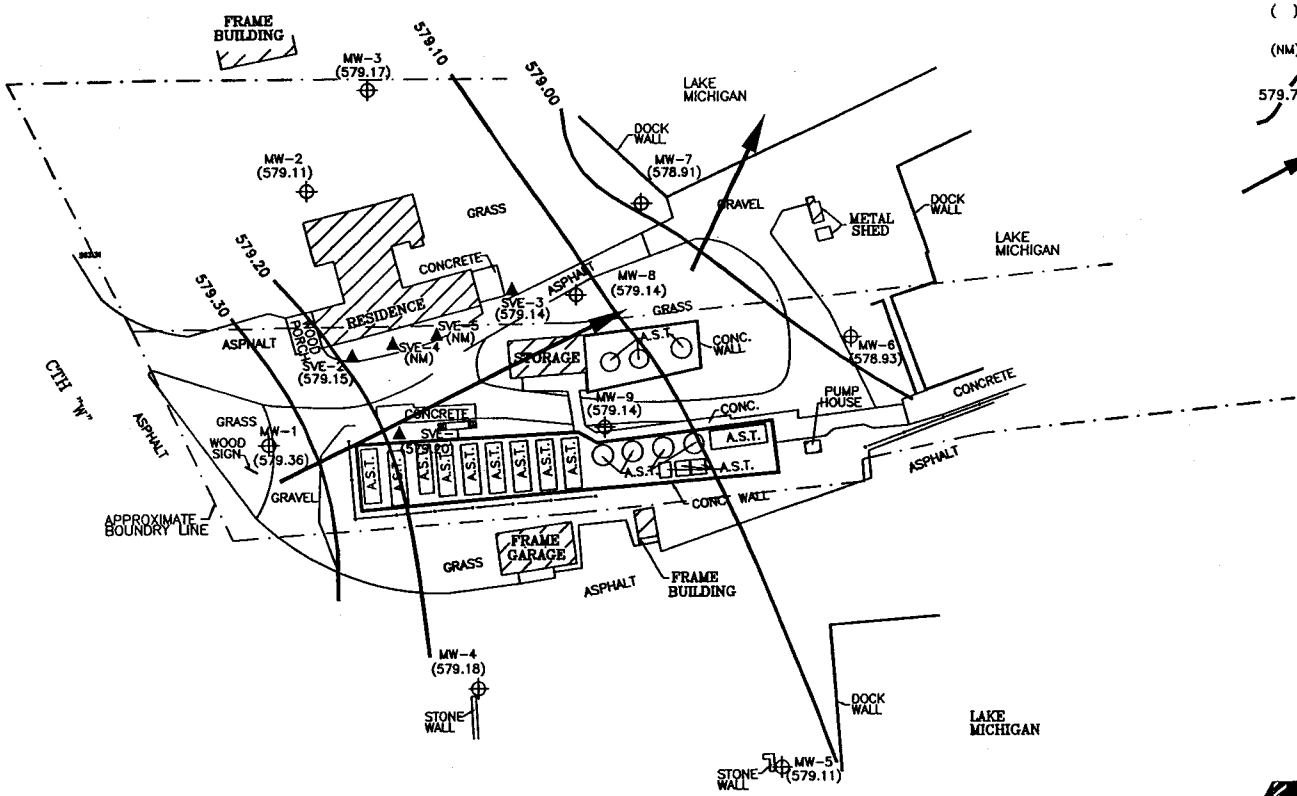
All elevations in feet above mean sea level

NM: Not measured

TOC: Top of casing

Checked by: MRG

Approved by: KMH

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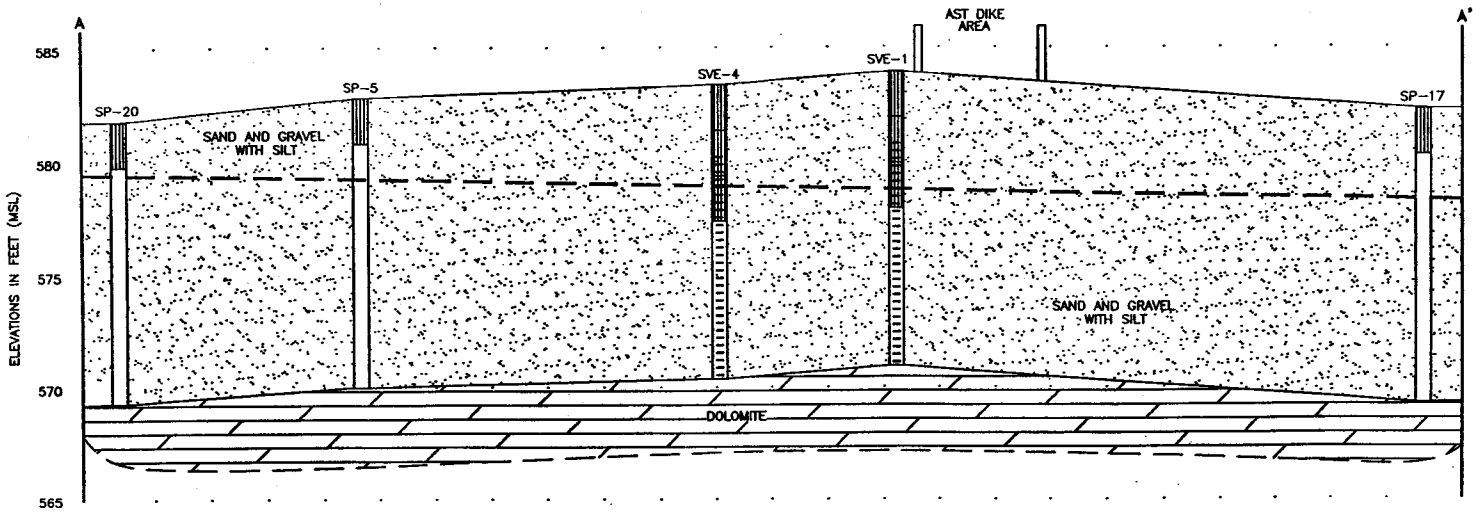
| | |
|---|---|
| POTENTIOMETRIC SURFACE (05/29/96) | FIGURE NO. |
| HANSEN OIL COMPANY SITE WASHINGTON ISLAND, WISCONSIN | |

| DRAWING NO. | DRAWN BY: | CHECKED BY: | APPROVED BY: | REVISIONS: | DATE | ENGINEER | DATE | ENGINEER |
|---|---|---|---|---|---|---|---|---|
| 9561 9C2 | PJT | 05/20/02 | | | | | | |




LEGEND

SAMPLE INTERVAL

SCREENED INTERVAL

GROUNDWATER TABLE (5/29/96)

NOTE GROUNDWATER ELEVATIONS WERE MEASURED IN MONITORING WELLS THAT WERE INSTALLED NEAR THE GEOPROBE POINTS PRESENTED ON THE CROSS-SECTION.

SCALE

0 10 20 30

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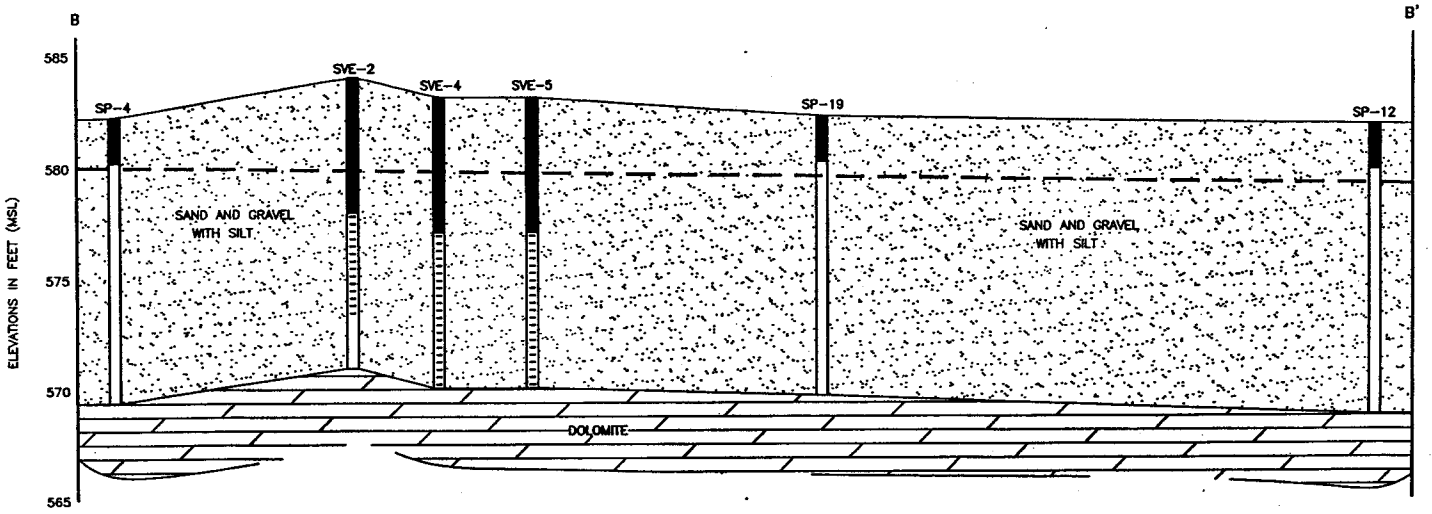
Pewaukee, Wisconsin 53072

GEOLOGIC CROSS-SECTION A-A'

HANSEN OIL COMPANY SITE
WASHINGTON ISLAND, WISCONSIN

FIGURE NO. 5

| DRAWING NO. | DRAWN BY: | CHECKED BY: | APPROVED BY: | REVISIONS: | ENGINEER | DATE | ENGINEER | DATE |
|---|---|---|---|---|---|---|---|---|
| 95.6 I 9R43A | KMH | 5/8/02 | | | | | | |




LEGEND

SAMPLE INTERVAL

SCREENED INTERVAL

GROUNDWATER TABLE (5/29/96)

NOTE GROUNDWATER ELEVATIONS WERE MEASURED IN MONITORING WELLS THAT WERE INSTALLED NEAR THE GEOPROBE POINTS PRESENTED ON THE CROSS-SECTION.

SCALE

0 10 20 30

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GEOLOGIC CROSS-SECTION B-B'

HANSEN OIL COMPANY SITE
WASHINGTON ISLAND, WISCONSIN

FIGURE NO. 6

| DRAWING NO. | DRAWN BY: | CHECKED BY: | APPROVED BY: | REVISIONS: | ENGINEER | DATE | ENGINEER | DATE |
|---|---|---|---|---|---|---|---|---|
| 95-6198-44 | KMH | 5/8/02 | | | | | | |

May 23, 2002

Mr. Robert Klauk
Wisconsin Department of Commerce
Environmental & Regulatory Service Division
Bureau of PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901

Re: Deed Certification for GIS Registry
Hansen Oil Company Site
Washington Island, Wisconsin
PECFA Claim No. 54246-9742-01
WDNR BRRTS No. 02-15-000677

To Whom It May Concern:

I, Raymond Hansen, acting as the Responsible Party (RP) for environmental remediation at the Hansen Oil Company Site, Washington Island, Wisconsin, do hereby certify that to the best of my knowledge the legal description included for registering this site on the GIS system is complete and accurate.

Raymond Hansen
Name

May 25, 2002
Date