

GIS REGISTRY INFORMATION

SITE NAME:	Hingham Coop (Former)			FID #	
BRRTS #:	03-60-285970			(if appropriate):	
COMMERCE # (if appropriate):	53070-9999-00				
CLOSURE DATE:	October 17, 2003				
STREET ADDRESS:	North of Center Ave				
CITY:	Oostburg				
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	697613	Y =	352430	
CONTAMINATED MEDIA:	Groundwater	<input type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Both <input type="checkbox"/>
OFF-SOURCE GW CONTAMINATION >ES:	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• IF YES, STREET ADDRESS:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS 1:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
CONTAMINATION IN RIGHT OF WAY:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
<u>DOCUMENTS NEEDED</u>					
Closure Letter, and any conditional closure letter issued					<input checked="" type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties					<input checked="" type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties					<input checked="" type="checkbox"/>
County Parcel ID number, if used for county, for all affected properties					<input checked="" type="checkbox"/>
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.					<input checked="" type="checkbox"/>
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.					<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					<input checked="" type="checkbox"/>
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.					<input type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present					<input checked="" type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					<input checked="" type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					<input checked="" type="checkbox"/>
Geologic cross-sections, if required for SI. (8.5x14' if paper copy)					<input type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate					<input checked="" type="checkbox"/>
Copies of off-source notification letters (if applicable)					<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)					<input type="checkbox"/>
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure					<input type="checkbox"/>



October 17, 2003

Mr. Jack Hoffman
Village of Oostburg
P.O. Box 700227
Oostburg, WI 53070

RE: **Final Closure**

Commerce # 53070-9999-00 **WDNR BRRTS # 03-60-285970**
Hingham Coop (Former), North of Center Avenue, Oostburg

Dear Mr. Hoffman:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of 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 soil contamination. It is in your best 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 (414) 220-5376.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. M. Michalets', with a long, sweeping horizontal line extending to the right.

Linda M. Michalets
Hydrogeologist
Site Review Section

cc: Mr. Steven Steinhardt, Alpha Terra Science
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
<http://www.commerce.state.wi.us>
<http://www.wisconsin.gov>
Jim Doyle, Governor
Cory L. Nettles, Secretary

October 2, 2003

Mr. Jack Hoffman
Village of Oostburg
P.O. Box 700227
Oostburg, WI 53070

RE: **Conditional Case Closure**
Commerce # 53070-9999-00 WDNR BRRTS # 03-60-285970
Hingham Coop (Former), North of Center Avenue, Oostburg

Dear Mr. Hoffman:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Alpha Terra Science, Inc., for the site referenced above. It is understood that residual soil 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 one time groundwater sampling occurred at the sump, on June 5, 2002, the preventive action limit (PAL) for benzene was exceeded, at 0.83 parts per billion. Commerce is issuing a PAL exemption, per NR 140.28(2), Wis. Adm. Code, for benzene at the referenced property.

The following condition must be satisfied to obtain final closure:

- The sump and three monitoring wells must be properly abandoned and the appropriate documentation forwarded to me at the letterhead address.

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 (414) 220-5376.

Sincerely,


Linda M. Michalets
Hydrogeologist
Site Review Section

cc: Mr. Steven Steinhardt, Alpha Terra Science, Inc.
Case File

GRANTOR: VILLAGE EXCHANGE, LLC
GRANTEE: VILLAGE OF OOSTBURG
ADDRESS: NORTH NINTH STREET, OOSTBURG, WI 53070

Legal Description:

Lots Five (5), Six (6), Seven (7), Eight (8) and Lot A of Fuhrman & Nyenhuis Addition being part of the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$), Section Six (6), Town Thirteen (13) North, Range Twenty-three (23) East, excepting the North 150 feet of said Lot A and excepting a portion of Lot A described as: commencing at the Northwest corner of Lot Four (4), thence West 18 feet, thence South 75.25 feet, thence West 21.8 feet, thence South 70°-5' West 39.82 feet, thence North 87°-48' West 67.8 feet, thence South to a point 158 feet East and 43.5 feet, more or less, North of the Southwest corner of Lot A, thence West to the West line of Lot A, thence Southwesterly (Swly) on said West line to the Southwest corner of Lot A, thence East to the Southeast corner of Lot A, thence North to beginning. Also part of the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Six (6), Town Thirteen (13) North, Range Twenty-three (23) East, Village of Oostburg, Sheboygan County, Wisconsin described as follows: Commencing at the West Quarter corner of Section Six (6), Town Thirteen (13) North, Range Twenty-three (23) East, thence along the South line of the Northwest Quarter (NW $\frac{1}{4}$) of said Section Six (6), South 89°-54'-26" East 53.95 feet; thence North 16°-08'-35" East 513.24 feet along a line 33 feet East of and parallel to the centerline of the Union Pacific Railroad; thence South 73°-51'-25" East 40.00 feet to the point of beginning; thence continuing, South 73°-51'-25" East 60.00 feet; thence North 16°-08'-35" East 330.00 feet along a line 133 feet East of and parallel to the said centerline of the Union Pacific Railroad; thence North 73°-51'-25" West 60.00 feet; thence South 16°-08'-35" West 330.00 feet along a line 73 feet East of and parallel to the said centerline of the Union Pacific Railroad to the point of beginning.

ALSO:

An irregularly shaped parcel of land situated in the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Six (6), Township Thirteen (13) North, Range Twenty-three (23) East of the Fourth Principal Meridian in Sheboygan County, Wisconsin, more particularly described as follows:

Beginning at the Northwesterly corner of that certain strip of land conveyed by Deed dated April 1, 1943, from the Chicago and North Western Railway Company (predecessor to Union Pacific Railroad Company) to Alice Verhelst and identified in Railroad Company records as Deed No. 64677, said corner also being the point of intersection of the Southerly line of Foundry Avenue and a line that is Seventy-three (73.00) feet distant Southeasterly, measured at right angles, from the centerline of the main track of the Milwaukee Subdivision of the Union Pacific Railroad Company, as now constructed and operated; thence Southwesterly along a line parallel with and Seventy-three (73.00) feet distant Southeasterly, as measured at right angles, from said

centerline of main track, a distance of Eight Hundred Thirty-three and Five Tenths (833.5) feet, to the Southwesterly corner of that certain strip of land conveyed by Deed dated August 4, 1969, from the Chicago and North Western Railway Company (predecessor to Union Pacific Railroad Company) to the Oostburg Area Schools and identified in Railroad Company records as Deed No. 75429; thence Southeasterly, along the Southwesterly line of aforementioned deeded Chicago and North Western Railway Company/Oostburg Area Schools strip of land, a distance of Sixty (60.00) feet to a point One Hundred Thirty-three (133.00) feet distant Southeasterly, measured at right angles, from said centerline of the main track; thence along a line parallel with and One Hundred Thirty-three (133.00) feet distant Southeasterly, measured at right angles, from said centerline of the main track, a distance of Two Hundred Thirty-one and Five Tenths (231.5) feet to the Northeasterly corner of that certain parcel of land conveyed by Deed dated May 19, 1969, from the Chicago and North Western Railway Company (predecessor to Union Pacific Railroad Company) to Wayne Wykhuis and Roy Wykhuis d/b/a Wykhuis Company and identified in Railroad Company records as Deed No. 75335; thence Northwesterly, along the Northeasterly line of said Chicago and North Western Railway Company/Wykhuis Company parcel of land, a distance of Eighty-three (83.00) feet, to a point Fifty (50.00) feet distant Southeasterly, measured at right angles from said centerline of the main track; thence along a line parallel with and Fifty (50.00) feet distant Southeasterly, measured at right angles, from said centerline of the main track, a distance of Two Hundred Fifty (250.00) feet, more or less, to a point in the North line of Center Street; thence West, along said North line of Center Street, a distance of Seventeen (17.00) feet, more or less, to a point Thirty-three (33.00) feet distant Southeasterly, measured at right angles, from said centerline of the main track; thence Northeasterly, along a line parallel with and Thirty-three (33.00) feet distant Southeasterly, measured at right angles, from said centerline of the main track, a distance of One Thousand Two Hundred Ninety (1,290.00) feet, more or less, to a point in the South line of said Foundry Avenue; thence East, along said South line of Foundry Avenue, a distance of Forty-five (45.00) feet, more or less, to the point of beginning,

EXCEPTING from both parcels described hereinabove, the following legal description:

Part of Lot A of Fuhrman & Nyenhuis Addition, Village of Oostburg, Sheboygan County, Wisconsin and part of the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Six (6), Township Thirteen (13) North, Range Twenty-three (23) East, Village of Oostburg, Sheboygan County, Wisconsin described as follows:

Commencing at the West Quarter corner of Section Six (6), Township Thirteen (13) North, Range Twenty-three (23) East, thence along the south line of the Northwest Quarter (NW $\frac{1}{4}$) of said Section Six (6), South 89°-54'-26" East 53.95 feet to a point 33 feet east of the centerline of the Union Pacific Railroad; thence along a line 33 feet east of and parallel to said centerline of the Union Pacific Railroad, North 16°-08'-35" East 337.59 feet; thence South 73°-50'-20" East 20.00 feet to the point of beginning; thence continuing, South 73°-50'-20" East 55.33 feet; thence South 15°-59'-07" West 20.00 feet; thence South 74°-00'-53" East 22.00 feet; thence North 15°-59'-07" East 20.00 feet; thence South 73°-50'-20"

East 48.77 feet; thence North 15°-59'-07" East 101.57 feet; thence South 74°-00'-53" East 19.14 feet; thence North 15°-57'-02" East 88.52 feet; thence North 74°-00'-53" West 18.67 feet; thence North 15°-59'-07" East 82.54 feet; thence North 74°-00'-53" West 122.09 feet; thence South 15°-47'-10" West 47.04 feet; thence South 19°-53'-38" West 59.75 feet; thence South 16°-09'-40" West 165.66 feet to the point of beginning.

ALSO EXCEPTING FROM BOTH PARCELS DESCRIBED HEREINABOVE, THE FOLLOWING LEGAL DESCRIPTION:

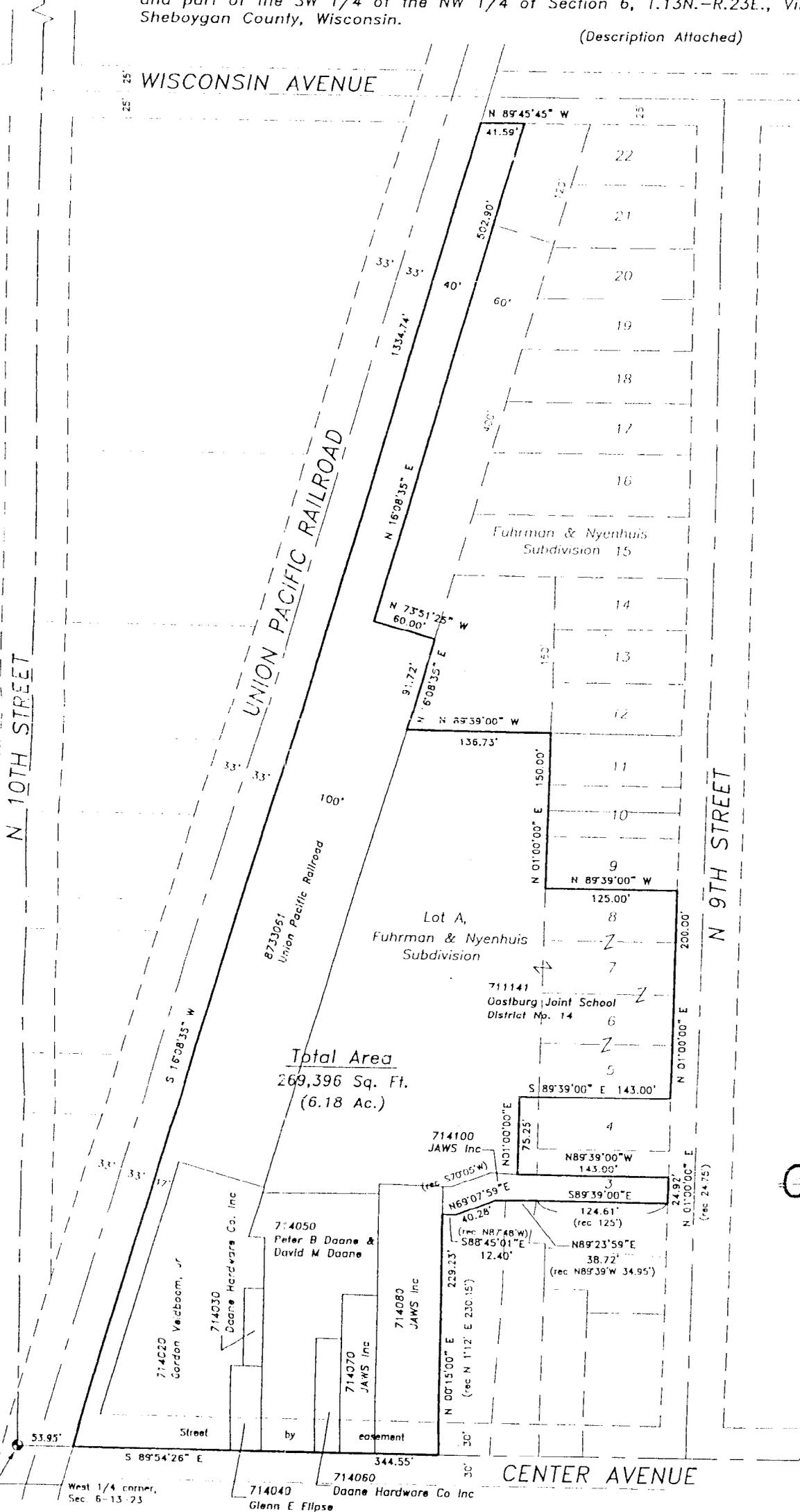
Lots Five (5) and Six (6), Fuhrman & Nyenhuis Addition, Section Six (6) Township Thirteen (13) North, Range Twenty-three (23) East, Village of Oostburg, Sheboygan County, Wisconsin; except that part of said Lot Six (6) described as follows: Commencing at the Northeast corner of said Lot Six (6); thence along the North line of said Lot Six (6), North 89°-39'-00" West 116.00 feet to the point of beginning; thence continuing along the said North line of Lot Six (6), North 89°-39'-00" West 9.00 feet to the Northwest corner of said Lot Six (6); thence along the West line of said Lot Six (6), South 01°-00'-00" West 33.00 feet; thence North 16°-11'-00" East 34.30 feet to the point of beginning.

Description for the
Village of Oostburg
Tax Incremental District No. 2

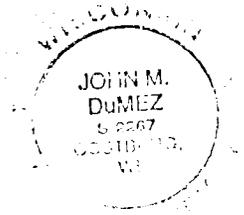
Lots 5, 6, 7, and 8 and part of Lot 3 and part of Lot A of Fuhrman & Nyenhuis Addition and part of the SW 1/4 of the NW 1/4 of Section 6, T.13N.-R.23E., Village of Oostburg, Sheboygan County, Wisconsin.

(Description Attached)

Northwest corner,
Sec. 6-13-23



Scale 1" = 100'



John M. Dumez - Reg. Lic. Surveyor S-2267
 If the surveyor's seal and signature is not red colored, the drawing is a copy and should be assumed to contain unauthorized alterations. The certification contained on this document shall not apply to copies.

Total Area
269,396 Sq. Ft.
(6.18 Ac.)

Compsite
Surveying & Mapping
Oostburg, Wisconsin
(920) 564-6812

TAX KEY No. ---
ADDRESS: ---
FILE: c:\dwg\oostt1f2\oostt1f2.dwg
DRAWN BY: jdm
PROJECT: 1877

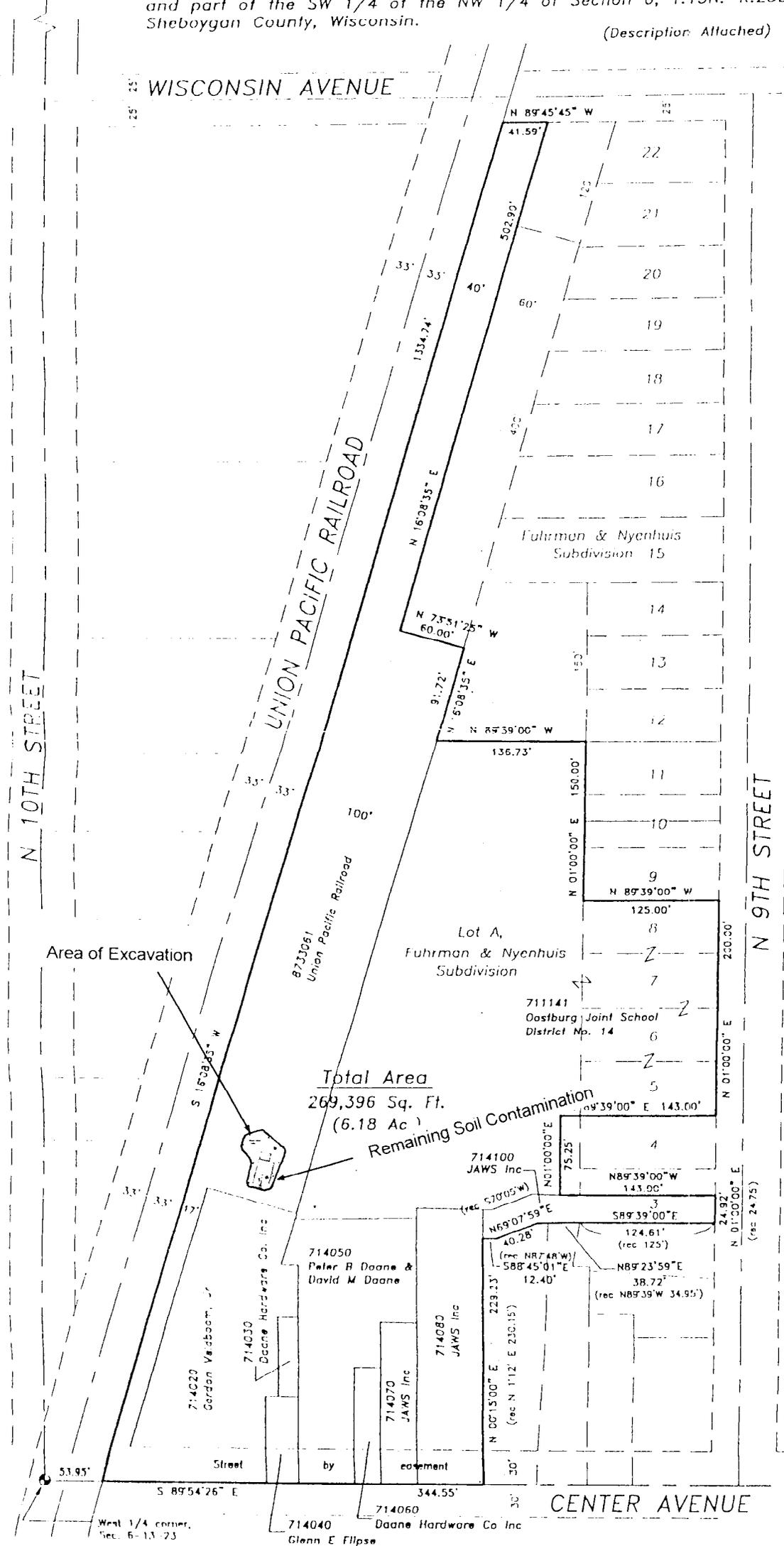
Center 1/4 corner,
Sec. 6-13-23

Figure 2
Survey of Property Boundaries

Description for the
Village of Oostburg
Tax Incremental District No. 2

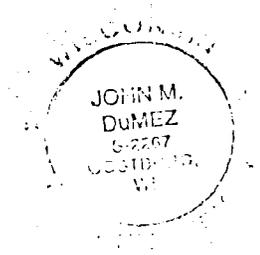
Northwest corner,
Sec. 6-13-23

Lots 5, 6, 7, and 8 and part of Lot 3 and part of Lot A of Fuhrman & Nyenhuis Addition
and part of the SW 1/4 of the NW 1/4 of Section 6, T.13N.-R.23E., Village of Oostburg,
Sheboygan County, Wisconsin.
(Description Attached)



Bearings referred to the
Sheboygan Co. G.P.S. Coordinate
System

Scale 1" = 100'



John M. Dumez - Reg. Land Surveyor S-2267
 If the surveyor's seal and signature is not present on the drawing, it is a copy, not
 a true and correct copy. No alterations should be made to the drawing. The certification cannot be
 signed if the drawing has been altered.

Total Area
269,396 Sq. Ft.
(6.18 Ac.)
Remaining Soil Contamination

Composite
Surveying & Mapping
Oostburg, Wisconsin
(920) 564-6812

TAX KEY No. ---
ADDRESS: ---
FILE: c:\dwg\oosttif2\oosttif2.d
DRAWN BY: jdm
PROJECT: 1877

Center 1/4 corner,
Sec. 6-13-23

Figure 2B
Survey of Property Boundaries with
Excavation Limits &
Remaining Soil Contamination

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - SELECTED VOC PARAMETERS
 Former Hingham Coop, Center Avenue, Oostburg

Sample ID	Sample Date	Benzene (ug/l)	Ethylbenzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	TMB (ug/l)	Naphthalene (ug/l)	1,2 DCA (ug/l)	sec-Butylbenzene (ug/l)	Isopropylbenzene (ug/l)	p-Isopropyltoluene (ug/l)	n-Propylbenzene (ug/l)	Lead (ug/l)
TW1	3/15/02	8.8	28	<8.0	92.0	<6.4	330	200	NA	NA	NA	NA	NA	NA
TW3	3/15/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	<0.46	NA	NA	NA	NA	NA	NA
TW4	3/15/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	<0.46	NA	NA	NA	NA	NA	NA
TW5	3/15/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	<0.46	NA	NA	NA	NA	NA	NA
TW6	3/15/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	<0.46	NA	NA	NA	NA	NA	NA
TW7	3/15/02	42	37	<2.0	97.00	<0.70	224	62	<1.0	4.4	6.4	4.6	11.0	0.0012
TW8	3/15/02	<0.13	<0.22	<0.27	0.4	<0.16	1.3	<0.46	NA	NA	NA	NA	NA	NA
TW9	3/15/02	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.20	<0.45	<0.36	<0.35	<0.46	<0.0012
TW10	3/15/02	6.8	0.36	0.95	11.0	<0.16	37.0	21	NA	NA	NA	NA	NA	NA
TW11	3/15/02	0.19	<0.22	0.33	0.3	<0.16	<0.51	1	NA	NA	NA	NA	NA	NA
TW12	3/15/02	17	7.90	<2	38.0	<1.6	76.0	38	NA	NA	NA	NA	NA	NA
SUMP	6/5/02	0.83	0.72	0.42	2.5	<0.16	10.2	NA	NA	NA	NA	NA	NA	<0.0012
SUMP	12/30/02													
SUMP	3/11/03									DRY				
										DRY				
MW1	12/30/02	<0.13	<0.22	0.26	<0.23	<0.16	<0.51	NA	NA	NA	NA	NA	NA	NA
MW1	3/11/03	<0.25	<0.22	0.18	0.47	<0.23	<0.44	<0.50	NA	NA	NA	NA	NA	NA
MW2	12/30/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	NA	NA	NA	NA	NA	NA	NA
MW2	3/11/03	<0.25	<0.22	0.18	<0.39	<0.23	<0.44	<0.50	NA	NA	NA	NA	NA	NA
MW3	12/30/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	NA	NA	NA	NA	NA	NA	NA
MW3	3/11/03	<0.25	<0.22	<0.11	<0.39	<0.23	<0.44	<0.50	NA	NA	NA	NA	NA	NA
NR 140.10 Preventive Action Limit		0.5	140	200	1000	12	96	8	0.5	NS	NS	NS	NS	1.5
NR 140.10 Enforcement Standard		5	700	1000	10,000	60	480	40	5	NS	NS	NS	NS	15

Notes: Xylenes reported as total of m-, o-, p-xylenes
 TMB reported as total of 1,2,4- and 1,3,5-trimethylbenzene
 NA= Not analyzed for parameter NS = No standard established
Bold and Boxed value indicates exceedance of NR 140.10 Enforcement Standard

Table 2a
 SITE INVESTIGATION GROUNDWATER ANALYTICAL RESULTS - PAH PARAMETERS
 Former Hingham Coop, Oostburg, WI

Sample ID	Date	ANALYTICAL PARAMETERS																	
		Acenaphthene ug/l	Acenaphthylene ug/l	Anthracene ug/l	Benzo(a)anthracene ug/l	Benzo(a)pyrene ug/l	Benzo(b)fluoranthene ug/l	Benzo(k)fluoranthene ug/l	Benzo(ghi)perylene ug/l	Chrysene ug/l	Dibenzo(a,h)anthracene ug/l	Fluoranthene ug/l	Fluorene ug/l	Indeno(123-cd)pyrene ug/l	1-methyl naphthalene ug/l	2-methyl naphthalene ug/l	Naphthalene ug/l	Phenanthrene ug/l	Pyrene ug/l
TW-7	3/15/02	<0.42	<0.67	<0.032	0.39	<0.024	<0.059	<0.052	<0.12	<0.030	<0.052	0.54	1.100	<0.041	20.0	23.0	16.0	0.87	0.94
TW-9	3/15/02	<0.41	<0.65	<0.031	<0.034	<0.023	<0.057	<0.051	<0.11	<0.030	<0.051	<0.079	<0.080	<0.040	<0.52	<0.98	<0.39	<0.080	<0.062
NR 140.10 Preventive Action L		NS	NS	600.00	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	NS	NS	8.0	NS	50
NR 140.10 Enforcement Stand		NS	NS	3,000	NS	0.20	0.2	NS	NS	0.2	NS	400	400	NS	NS	NS	40	NS	250

Notes: **BOLD** indicates exceedance of NR 140.10 enforcement standard.
Italics indicated exceedance of NR 140.10 preventative action limit

TABLE 1
SOIL ANALYTICAL RESULTS - SELECTED VOC PARAMETERS
Former Hingham Coop, Center Avenue, Oostburg

Sample ID	Depth (feet)	PID Reading (su)	ANALYTICAL PARAMETERS										
			GRO (mg/kg)	DRO (mg/kg)	Benzene (ug/kg)	Ethylbenzene (ug/kg)	Toluene (ug/kg)	Xylenes (ug/kg)	MTBE (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Naphthalene (ug/kg)	Lead (mg/kg)
B1	6-8	188.0	790	850	<1100	3900	<2400>	9200	<950	140000	8900	NA	NA
B2	6-8	2.3	<0.99	<1.7	<23	<21	<22	<64	<19	<23	<21	NA	NA
B3	6-8	0.0	<5.7	<5.7	<29	<29	<29	<40	<29	<29	<29	<29	NA
B4	6-8	0.0	<5.8	<5.8	<29	<29	<29	<40	<29	<29	<29	<29	NA
B5	6-8	0.0	<5.9	<5.9	<29	<29	<29	<41	<29	<29	<29	<29	NA
B6	6-8	0.0	<5.9	14	<30	<30	<30	<42	<30	<30	<30	<30	NA
B7	6-8	6.1	NA	888	<142	840	<142	3910	<142	9590	3550	3550	7.7
B7	14-16	0.0	<5.8	<5.8	<29	<29	<29	<40	<29	<29	<29	<29	NA
B8	6-8	18.1	12	<5.8	45	65	78	385	<33	210	85	245	NA
B9	6-8	4.9	NA	57	<31	<31	<31	<43	<31	<31	<31	<31	6.2
B10	6-8	51.7	176	89	<29	<29	<29	<41	<29	211	164	164	NA
B11	6-8	5.3	<5.8	<5.8	<29	<29	<29	<41	<29	<29	<29	<29	NA
B12	6-8	600.0	585	1120	<298	418	<299	1550	<298	5610	2150	3460	NA
B13	6-8	33.0	49	60	<29	<29	<29	<41	<29	<29	<29	<29	NA
December 16, 2002													
MW1	2-4		<7.0	NA	<36	<36	<36	<100	<36	<36	<36	NA	NA
MW1	6-8		<6.3	NA	<32	<32	<32	<94	<32	<32	<32	NA	NA
MW2	2-4		<6.1	NA	<30	<30	<30	<91	<30	<30	<30	NA	NA
MW2	6-8		<6.9	NA	<35	<35	<35	<100	<35	<35	<35	NA	NA
MW3	2-4		<5.8	NA	<29	<29	<29	<86	<29	<29	<29	NA	NA
MW3	5-8		89	NA	<58	128	<58	<175	<58	<110	<58	NA	NA
NR 720 Residual Contaminant Levels			250	250	5.5	2900	1500	4100	NS	NS	NS	400	NS
NR 746 Soil Screening Levels			NS	NS	8500	4600	38000	42000	NS	83000	11000	2700	NS
NR 746 Direct Contact Levels (top 4')			NS	NS	1100	NS	NS	NS	NS	NS	NS	NS	50

Notes: Xylenes reported as total of m-, o-, p-xylenes
NA= Not analyzed for parameter

TMB= trimethylbenzene
NS = No standard established

Former Hingham Coop
 Table 1a - Soil PAH Analysis
 Oostburg, WI

Sample Number	Sample Location Description	Sample Depth (feet)	ANALYTICAL PARAMETERS																	
			Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(ghi)perylene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	1-methyl naphthalene (mg/kg)	2-methyl naphthalene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
B7	Tank stand	6-8'	<59	<100	79	154	<47	<5.9	<5.9	<47	<5.9	<8.9	201	201	<5.9	2250	3310	1120	237	213
B9	W of tank stand	6-8'	<62	<100	<6.2	<6.2	<49	<6.2	<6.2	<49	<6.2	<9.2	<12	<12	<6.2	<37	<31	<37	<6.2	<6.2
GENERIC CLEANUP LEVEL																				
Groundwater Pathway			38	0.7	3000	17	48	360	870	6800	37	38	500	100	680	23	20	0.4	1.8	8700
Direct Contact - Industrial (top 4')			60,000	360	300,000	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30000

Notes: Generic Cleanup Levels from Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAH) Interim Guidance, WDNR Publication RR-519-97, April 1997 (corrected)
BOLD indicates exceedance of direct contact level established for industrial setting.

TABLE 5
SOIL ANALYTICAL RESULTS - SOIL REMEDIATION ACTIVITIES
 Former Hingham Coop, Center Avenue, Oostburg

Sample ID**	Sample Description	Depth (feet)	PID Reading (su)	ANALYTICAL PARAMETERS									
				GRO (mg/kg)	DRO (mg/kg)	Benzene (ug/kg)	Ethylbenzene (ug/kg)	Toluene (ug/kg)	Xylenes (ug/kg)	MTBE (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Naphthalene (ug/kg)
1	Floor Center	10.0	1.4	<5.8	7.2	<29	<29	<29	<41	<29	<29	<29	<29
2	North Wall	4.0	0.7	<5.9	15.0	<29	<29	<29	<41	<29	<29	<29	<29
3	North Floor	8.5	2.5	<5.9	6.7	<29	<29	<29	<41	<29	<29	<29	<29
5	West Inside Corner	10.0	0.7	<5.9	<5.9	<29	<29	<29	<41	<29	<29	<29	<29
6	SW Corner wall	6.0	108	40.0	110.0	<29	<29	<29	<41	<29	<29	<29	<29
7	SW Corner floor	10.0	0.7	<5.8	<5.8	<29	<29	<29	<41	<29	<29	46	<29
8	NE Corner wall	4.0	0.7	<6.3	<6.3	<31	<31	<31	<44	<31	<31	<31	<31
9	NE Corner floor	8.0	303	686	1780	<30	308	<30	817	<30	4620	2010	2370
10	E/NE Floor	8.0	130	19.0	56.0	<29	<29	<29	<41	<29	40.0	140	256
11	E/NE Wall	5.0	339	629	2140	<314	<314	<314	<440	<314	4280	1890	2520
12	E center wall	4.0	0.7	<5.9	<5.9	<30	<30	<30	<41	<30	<30	<30	<30
13	E Center Floor	8.0	19.1	<5.9	<5.9	<29	<29	<29	<41	<29	<29	<29	<29
14	SE Corner wall	4.0	3.5	<5.9	100.0	214	<30	<30	<42	<30	<30	<30	78.0
15	SE Corner Floor	8.0	1.9	<5.9	6.6	<29	<29	<29	<41	<29	<29	<29	<29
NR 720 Residual Contaminant Levels				250	250	5.5	2900	1500	4100	NS	NS	NS	400
NR 746 Soil Screening Levels				NS	NS	8500	4600	38000	42000	NS	83000	11000	2700
NR 746 Direct Contact Levels (top 4')				NS	NS	1100	NS	NS	NS	NS	NS	NS	NS

Notes: ** Sample ID number corresponds to sample location indicated on Figure 6
 Xylenes reported as total of m-, o-, p-xylenes
 TMB= trimethylbenzene
 NA= Not analyzed for parameter
 NS = No standard established
 No NR 720 generic residual contaminant level exceedances reported
 Boxed value indicates exceedance of NR 746 direct contact level

TABLE 4
GROUNDWATER ELEVATION DATA
Former Hingham Coop. Center Avenue. Oostburg

Location	TW6	TW12	TW11	TW10	TW9
Rim elevation	102.07	102.71	101.95	102.54	101.50
Location	TW8	TW5	TW4	TW3	
Rim elevation	102.13	97.85	100.11	100.50	
Location	TW1	TW7	MW1	MW2	MW3
Rim elevation	102.47	102.97	96.95	96.53	97.08

Date	TW6		TW12		TW11	
	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
3/15/02	4.96	97.11	5.20	97.51	4.46	97.49

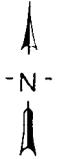
Date	TW10		TW9		TW8	
	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
3/15/02	4.81	97.73	4.29	97.21	6.95	95.18

Date	TW5		TW4		TW3	
	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
3/15/02	3.19	94.66	5.55	94.56	3.55	96.95

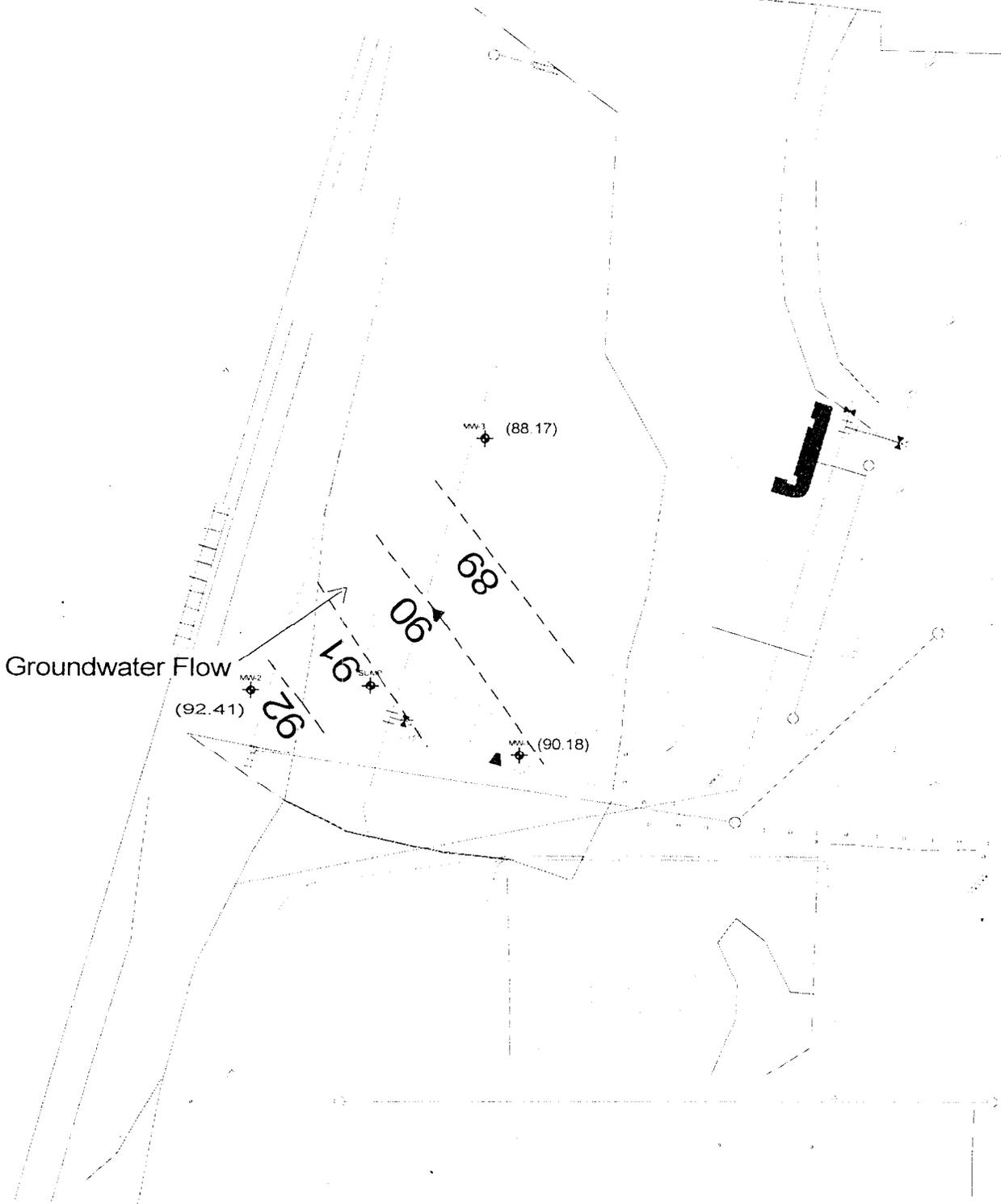
Date	TW1		TW7	
	Depth to Water	Static Water Level	Depth to Water	Static Water Level
3/15/02	6.14	96.33	6.61	96.36

Date	MW1		MW2		MW3	
	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
12/30/02	6.77	90.18	4.12	92.41	8.91	88.17
3/11/03	7.48	89.47	5.36	91.17	7.52	89.56

Date	SUMP	
	Depth to Water	Static Water Level
12/30/02	Dry	
3/11/03	Dry	



Groundwater Flow



Legend

(92.41) Groundwater Elevation

91 Contour Elevation



SCALE 1 INCH = 55 FEET

Former Hingham Coop - Oostburg, WI

Groundwater Flow (12/30/02)

REV	DATE	DESCRIPTION	APPVD

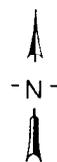


DATE: 4/1/03

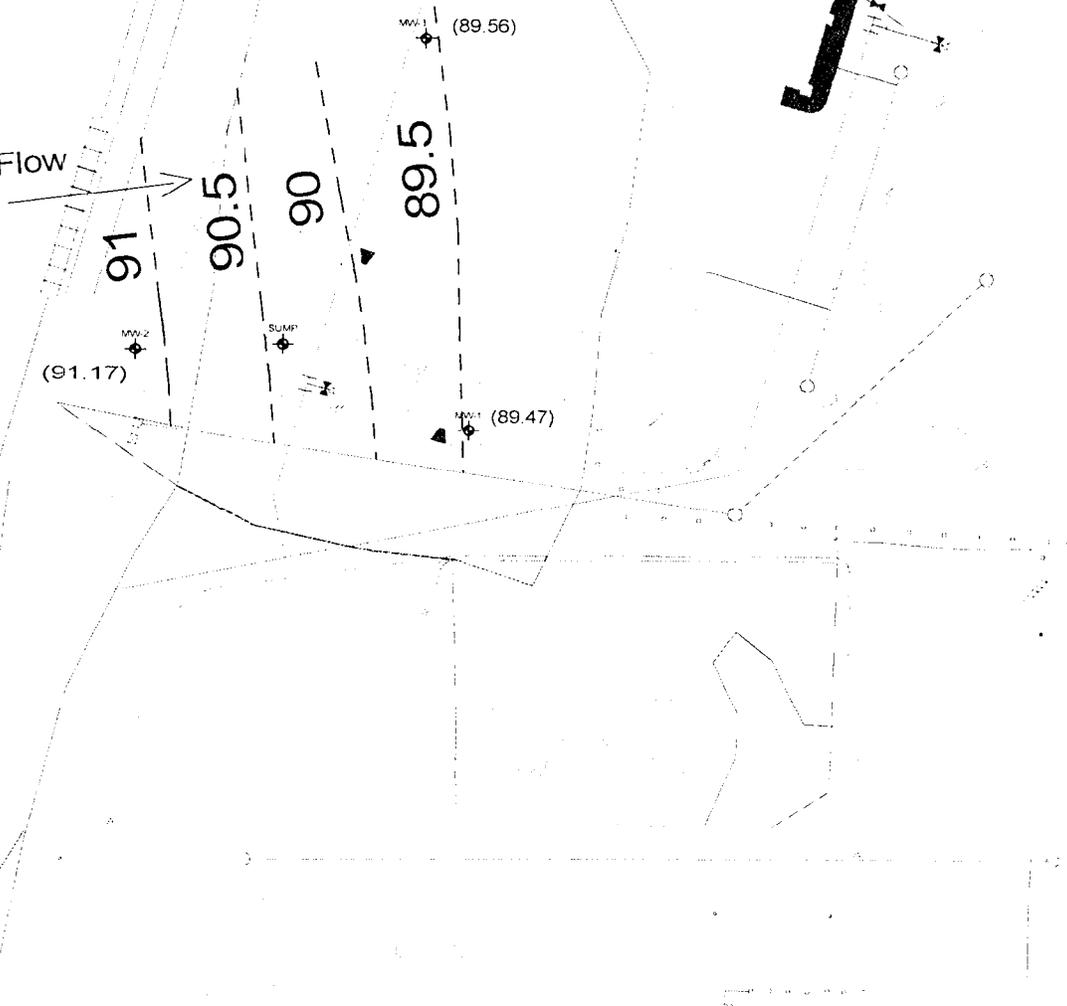
APPROVED JPM

DWG # site plan sld

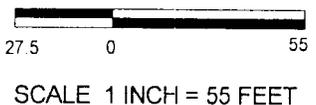
FIGURE 9



Groundwater Flow



Legend
(91.17) Groundwater Elevation
91 Contour Elevation



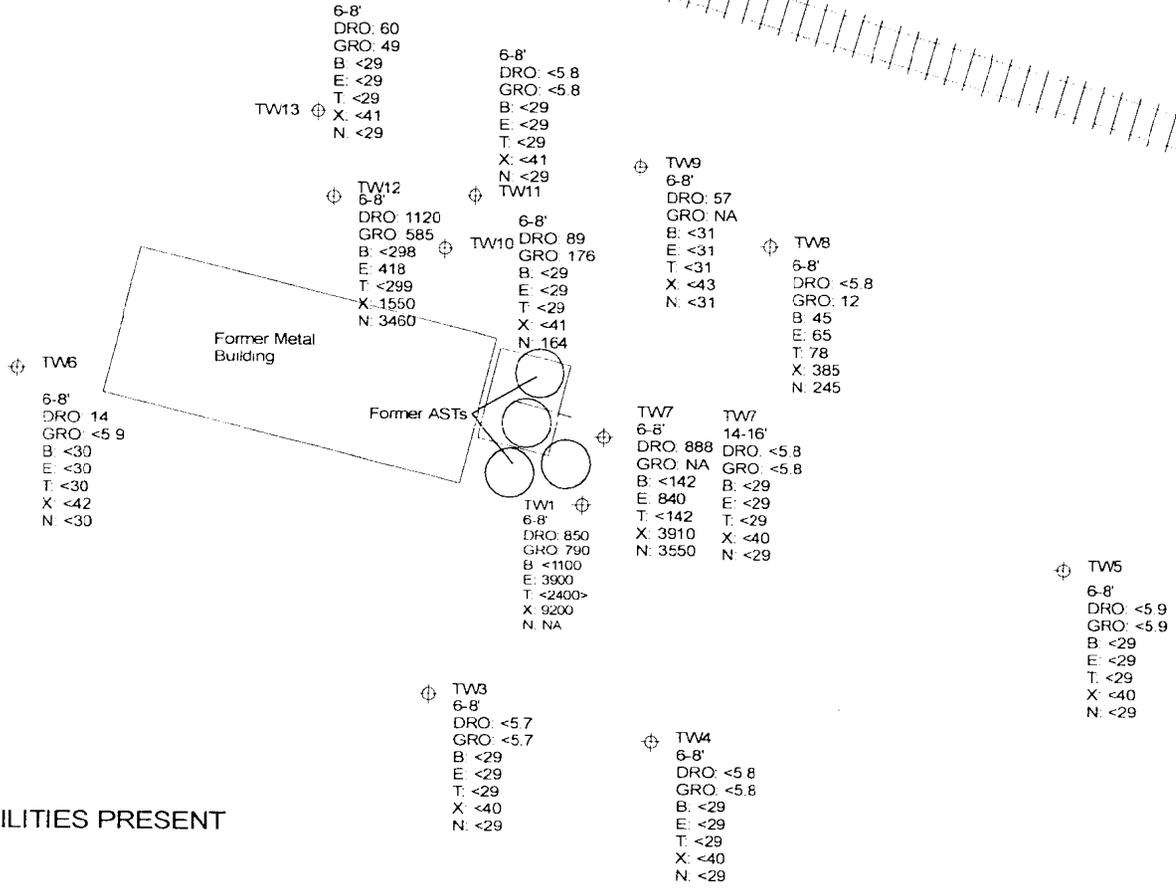
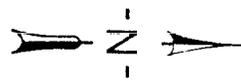
Former Hingham Coop - Oostburg, WI
Groundwater Flow (3/11/03)

REV	DATE	DESCRIPTION	APPVD
			JPM

ALPHA TERRA
SCIENCE

DATE 4/1/03
APPROVED JPM
DWG # site plan.skr

FIGURE 10

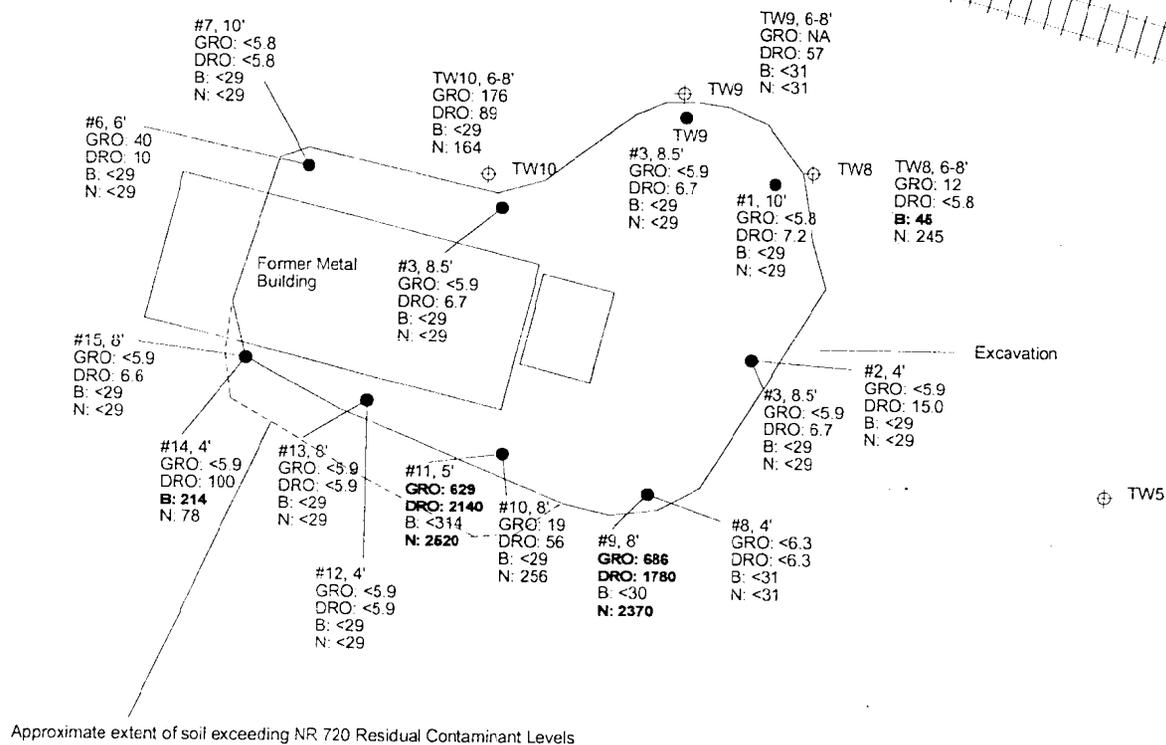
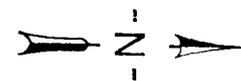


NO UTILITIES PRESENT

LEGEND

⊕ Existing Temp Well

TITLE Boring/Temporary Well Location & Soil Chemistry		 SCALE 1"=30' DATE 1/30/02 DRAWN BY SCS DATE 1/30/02	
PROJECT Former Hingham Coop - PECFA Project			
CLIENT Village of Oostburg, Oostburg, WI			



LEGEND

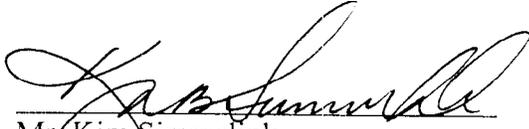
GRO = Gasoline Range Organics in ppm
 DRO = Diesel Range Organics in ppm
 B = Benzene in ppb
 N = Naphthalene in ppb

- ⊕ Existing Temp Well
- Sample Location

TITLE				
PROJECT				Figure 5
CLIENT				DATE
Remedial Excavation Soil Chemistry Results		1"=30'	5/20/02	
Former Hingham Coop - PECFA Project		DWG		
Village of Oostburg, Oostburg, WI		SCS		

Signed Statement of RP

To the best of my knowledge, the legal description attached (provided by the law firm of Hopp Neumann Humke LLP in a letter dated August 5, 2003) is complete and accurate.

A handwritten signature in black ink, appearing to read "K. Simmelink", written over a horizontal line.

Mr/ Kim Simmelink
Village of Oostburg Clerk/Treasurer
Representing the Village of Oostburg