

GIS REGISTRY INFORMATION

SITE NAME:	TOWN OF SOMERS		
BRRTS # and FID #:	0330254240 230019900		
CLOSURE DATE:	08/09/2005		
STREET ADDRESS:	7511 12TH STREET		
CITY:	SOMERS		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X=	692141	Y= 242884

OFF-SOURCE CONTAMINATION (>ES): <small>(if there are more than 2 off-source properties, make a note and attach additional sheet(s))</small>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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IF YES, STREET ADDRESS 1: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

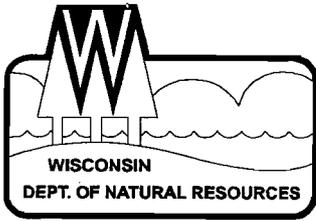
IF YES, STREET ADDRESS 2: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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CONTAMINATED MEDIA: (Groundwater, Soil or Both?)	BOTH
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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	X
Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)	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)	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), if available from site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. If not available, include the following 2 types of maps:	X
Latest groundwater flow/monitoring well location map	X
Latest extent of contaminant plume map	X
Geologic cross-sections, if available from SI. (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable)	
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.	



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

James Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region
Sturtevant Service Center
9531 Rayne Road, Suite IV
Sturtevant, Wisconsin 53177
Telephone 262-884-2300
FAX 262-884-2307
TDD 262-884-2304

August 9, 2005

Town of Somers Municipality
Bill Morris
7511 12th Street
Somers, WI 53171

Subject: Review of File for Town of Somers Municipality, 7511 12th St., Somers, WI BRRT's
03-30-254240, FID 230019900

Dear Mr. Morris:

The Department has received and reviewed the information submitted to complete the closure at this site. At this time your site will be noted as being closed with Groundwater GIS on the Department's database.

State Statute 101.143 requires that PECFA claimants seeking reimbursement of interest costs, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

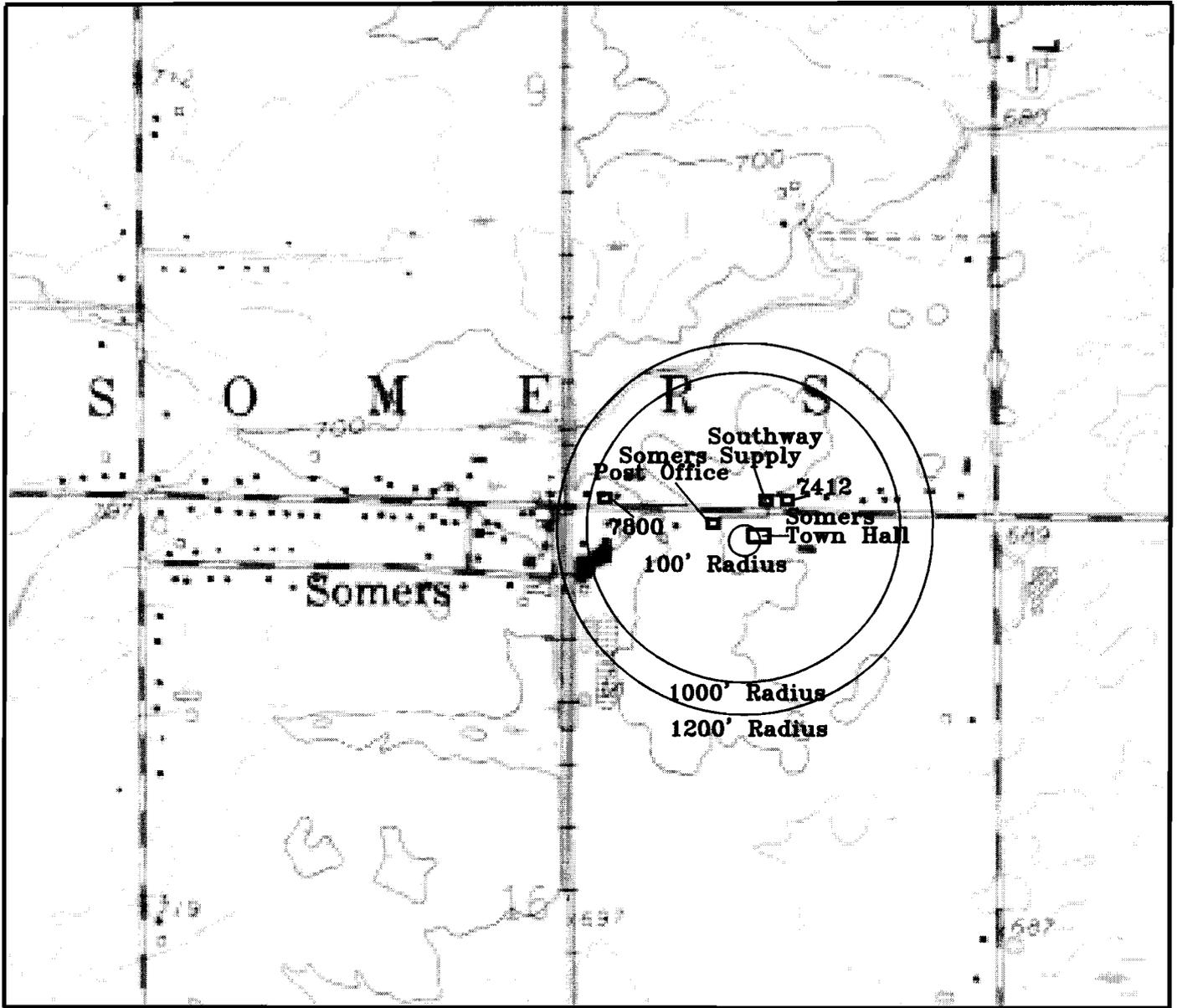
Please proceed with abandoning the monitoring wells associated with this project. Please provide this documentation of well abandonment directly to me for inclusion in the file. If you have any questions please contact me at 262-884-2341.

Sincerely,

A handwritten signature in cursive script that reads 'Shanna L Laube-Anderson'.

Shanna L Laube-Anderson, P.G.
Hydrogeologist

Cc:Dakota Intertek, Corp., 14000 Leetsbir Rd, Sturtevant, WI 53177



LEGEND

Based on: USGS Sturtevant, WI Quadrangle,
7.5 Minute Series
(Not to original scale)

Properties shown have known on-site potable well.

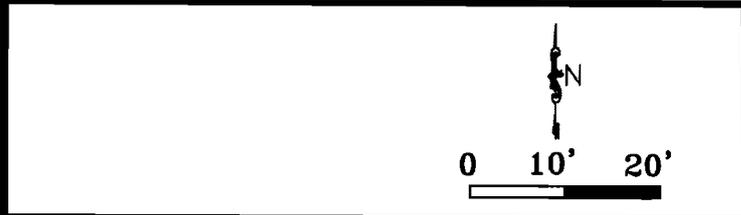
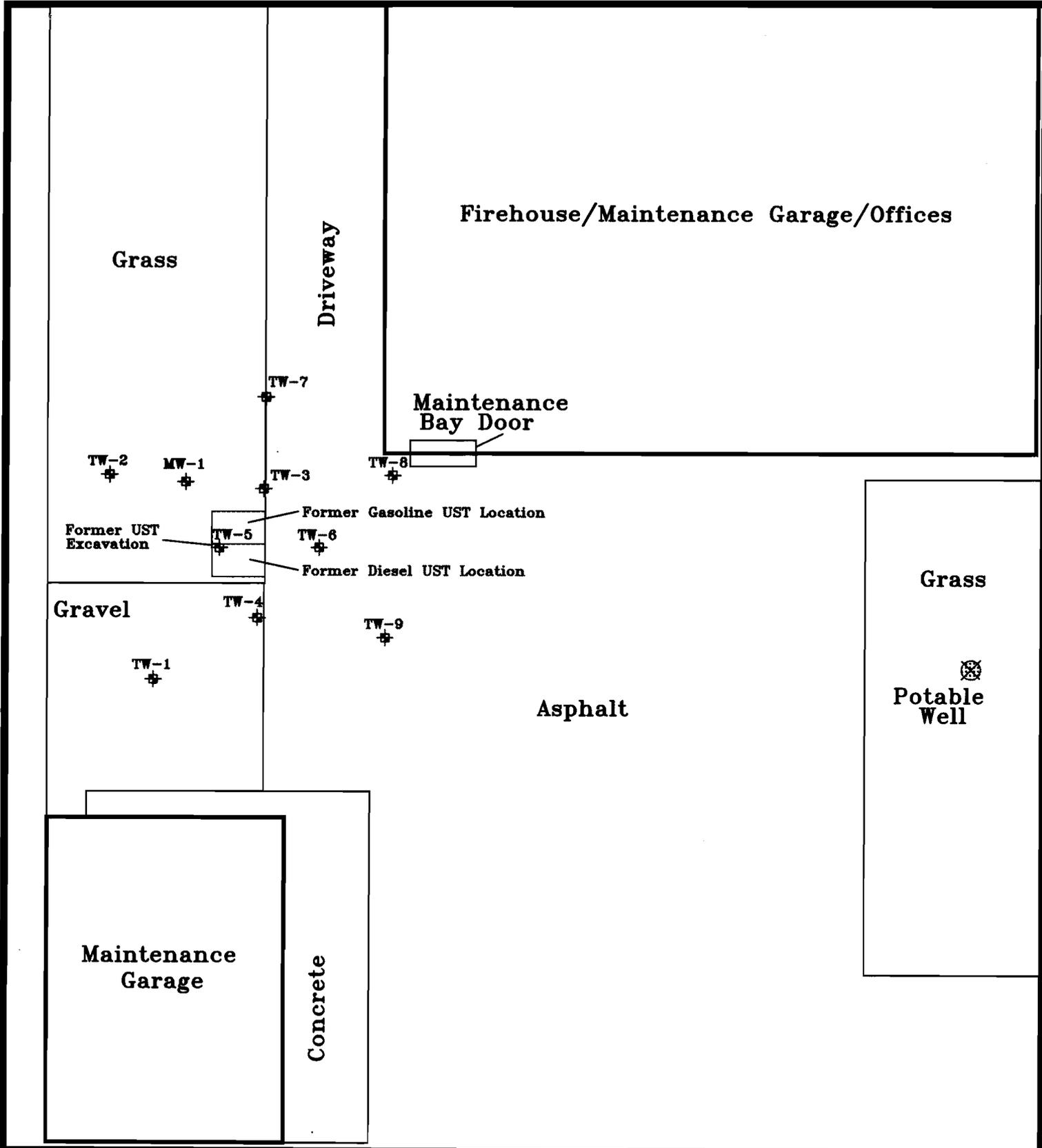
Regional Location Map

Town of Somers Municipality
7511 12th Street
Somers, WI

ENVIRONMENTAL INNOVATIONS, INC.

14000 Lestclair Road, Sturtevant, WI. Phone: (262) 896-4800 Fax: (262) 896-4442

Figure 1



Site Layout

Town of Somers Municipality
7511 12th Street

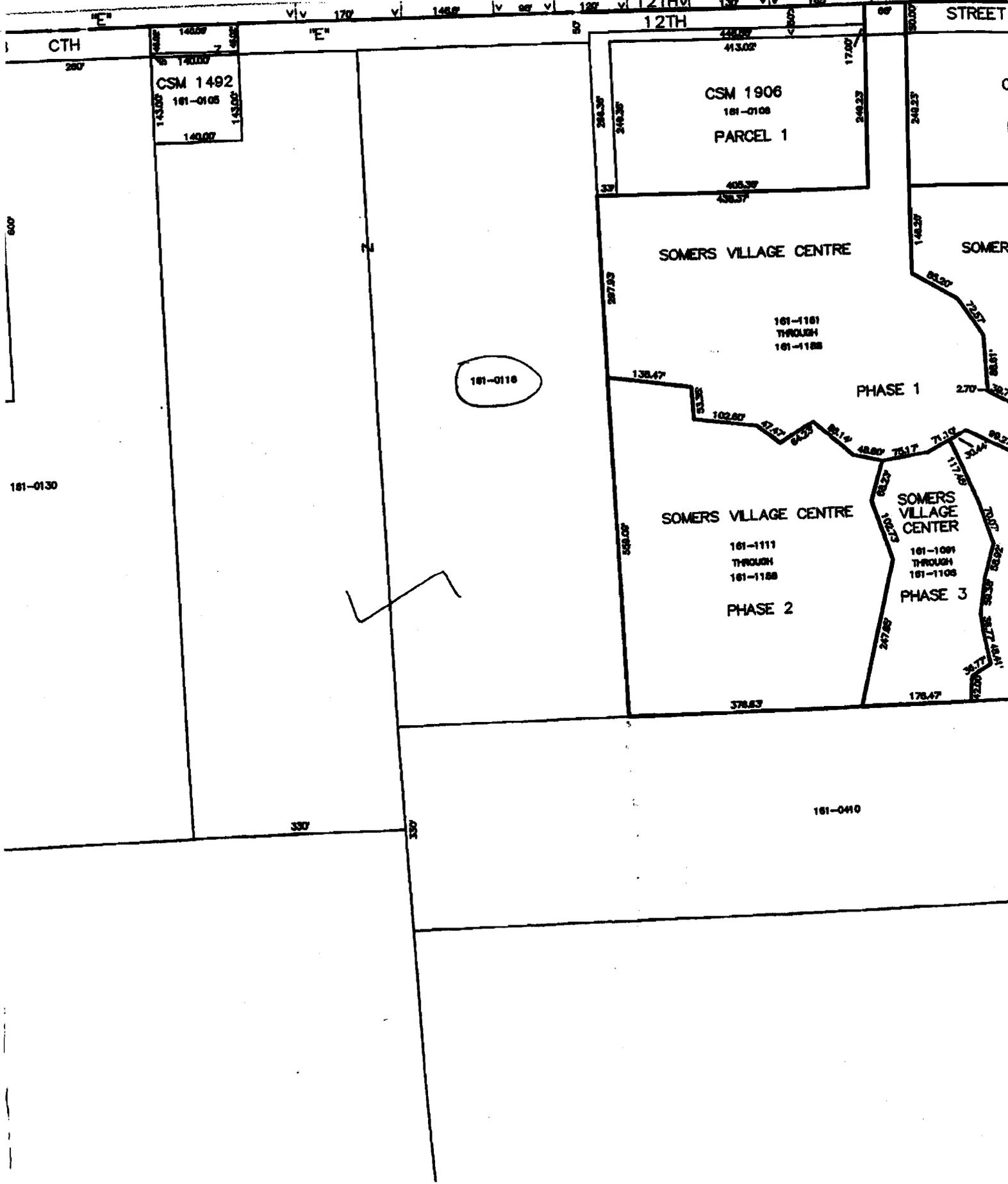


Figure 3: Plat Map

No samples showed contaminate concentration levels above RCLs

Firehouse/Maintenance Garage/Offices

Grass

Driveway

TW-7

TW-3

TW-8

TW-2

TW-5

Former Tank Cavity

TW-6

TW-4

TW-9

TW-1

Grass

Gravel

Asphalt

Potable Well

Maintenance Garage

Concrete

0 10' 20'

Scale (is approximated)



Pre-Remediation Soil Sample Location Map

Town of Somers Municipality

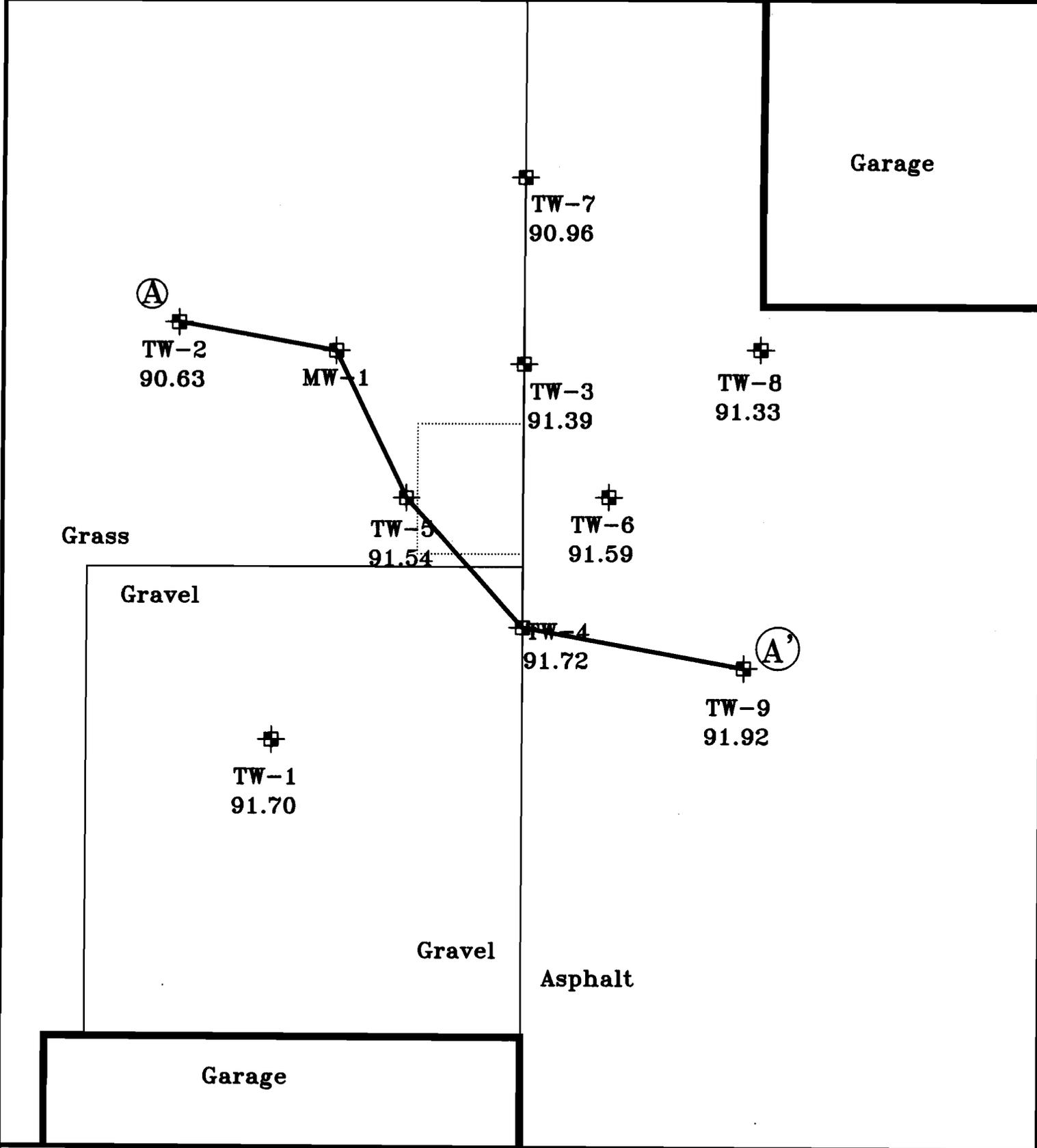
7511 12th Street

Somers, WI

Figure 4

Environmental Innovations, Inc.

PVC 7/02



Legend

- ⊕ TW-1 Temporary Well
- ⊕ TW-1 Monitoring Well

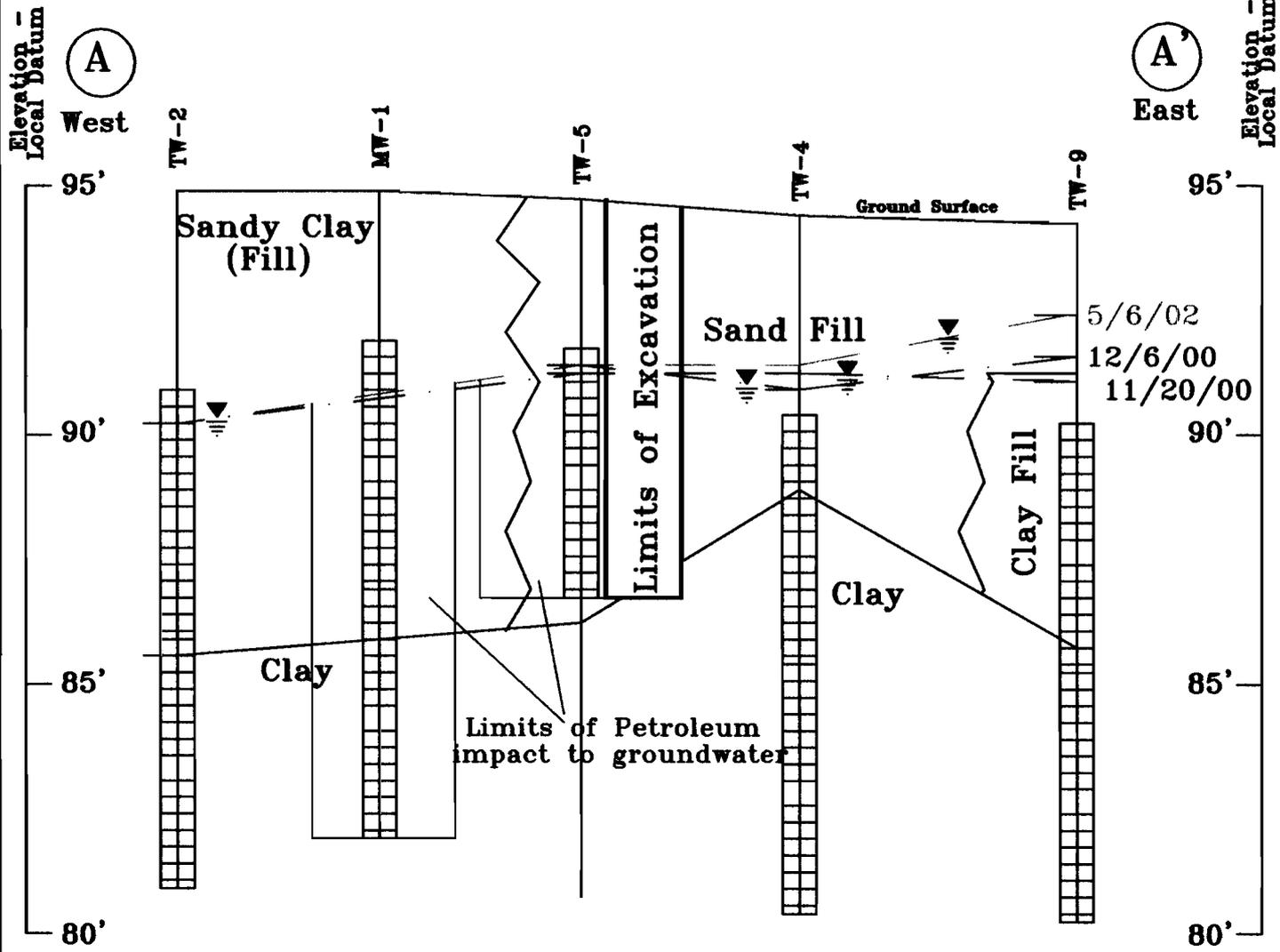
0 5' 10'

Scale



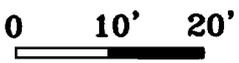
Cross Section Location Map

Town of Somers Municipality
 7511 12th Street
 Somers, WI Figure 5



NOTES:

1. The stratum lines are based on interpolation between borings and may not represent actual subsurface conditions.
2. Refer to Figure 5 for legend and cross section location.
3. For the purpose of illustrating subsurface conditions on the cross section, some of the boring logs have been simplified. For a detailed description of subsurface conditions at individual borings, refer to soil boring logs.
4. For complete monitoring well installation details, refer to monitoring well construction forms.
5. Cross sections have been exaggerated 3 times.
6. Water table elevations were measured by Environmental Innovations, Inc. on 11/20/00, 12/6/00 and 5/6/02.



Vertical exaggeration - 3 times

Geologic Cross Section (A-A')

Town of Somers Municipality
7511 12th Street
Somers, WI

Environmental Innovations, Inc.

Figure 6

Contaminant concentrations based on most recent sampling round at each well.

Firehouse/Maintenance Garage/Offices

Grass

Driveway

TW-7
6

1,2-Dichloroethane (exceeds PAL)

MW-1
33

TW-2

TW-3

MTBE (Exceeds PAL)

TW-8

Maintenance Bay Door

TW-5
26
4.7
6.9

Former Tank Cavity

TW-6

Benzene (Exceeds ES)
Chloroform (Exceeds ES)
Chloromethane (Exceeds ES)

TW-4

TW-9

TW-1

Grass

Potable Well

Gravel

Asphalt

Maintenance Garage

Concrete

0 10' 20'



Groundwater Sample Location Map

Town of Somers Municipality

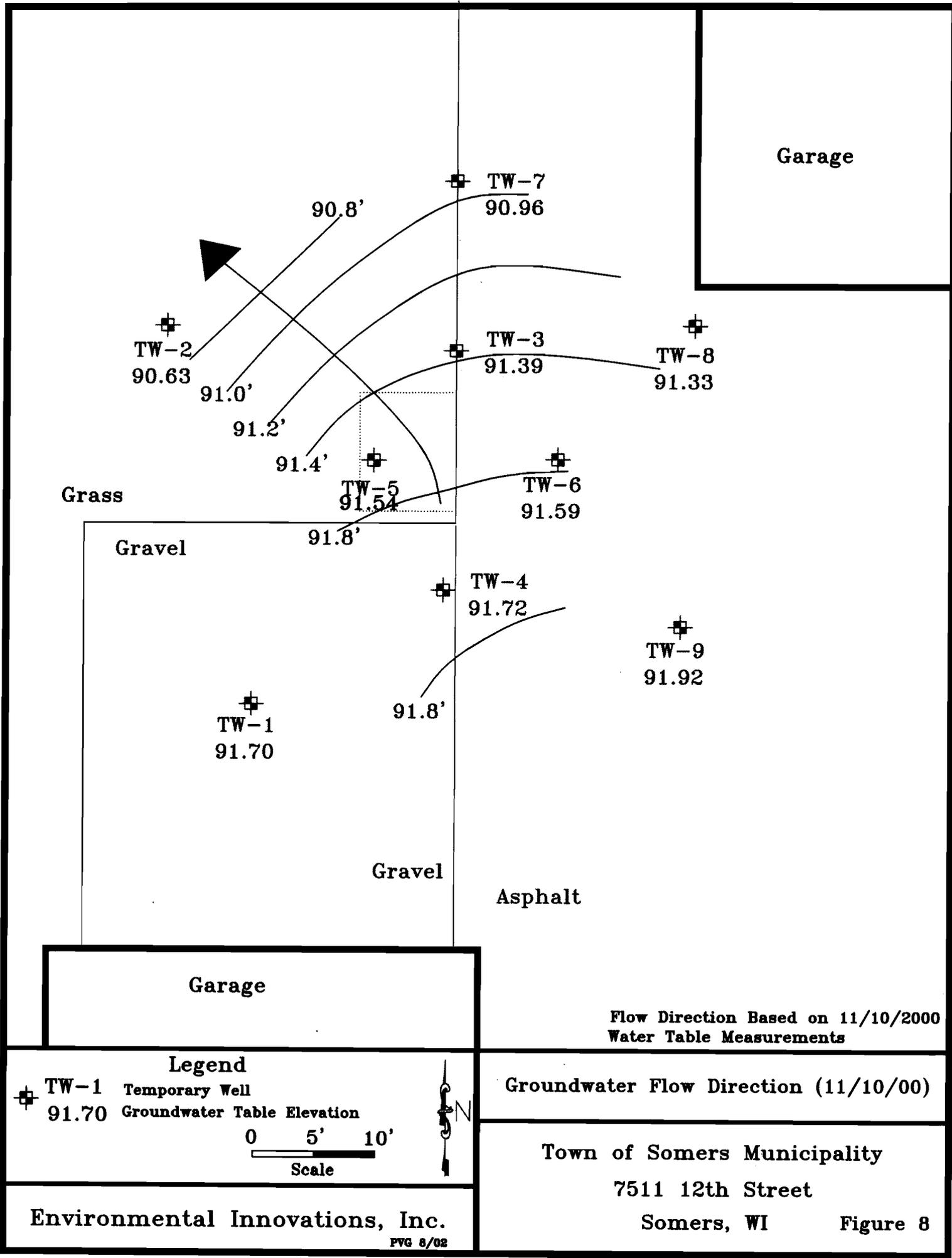
7511 12th Street

Somers, WI

Figure 7

Environmental Innovations, Inc.

PVC 5/02



Garage

Grass

Gravel

Gravel

Asphalt

Garage

Flow Direction Based on 11/10/2000
Water Table Measurements

Groundwater Flow Direction (11/10/00)

Legend

-  TW-1 Temporary Well
 91.70 Groundwater Table Elevation
- 0 5' 10'

 Scale



Town of Somers Municipality

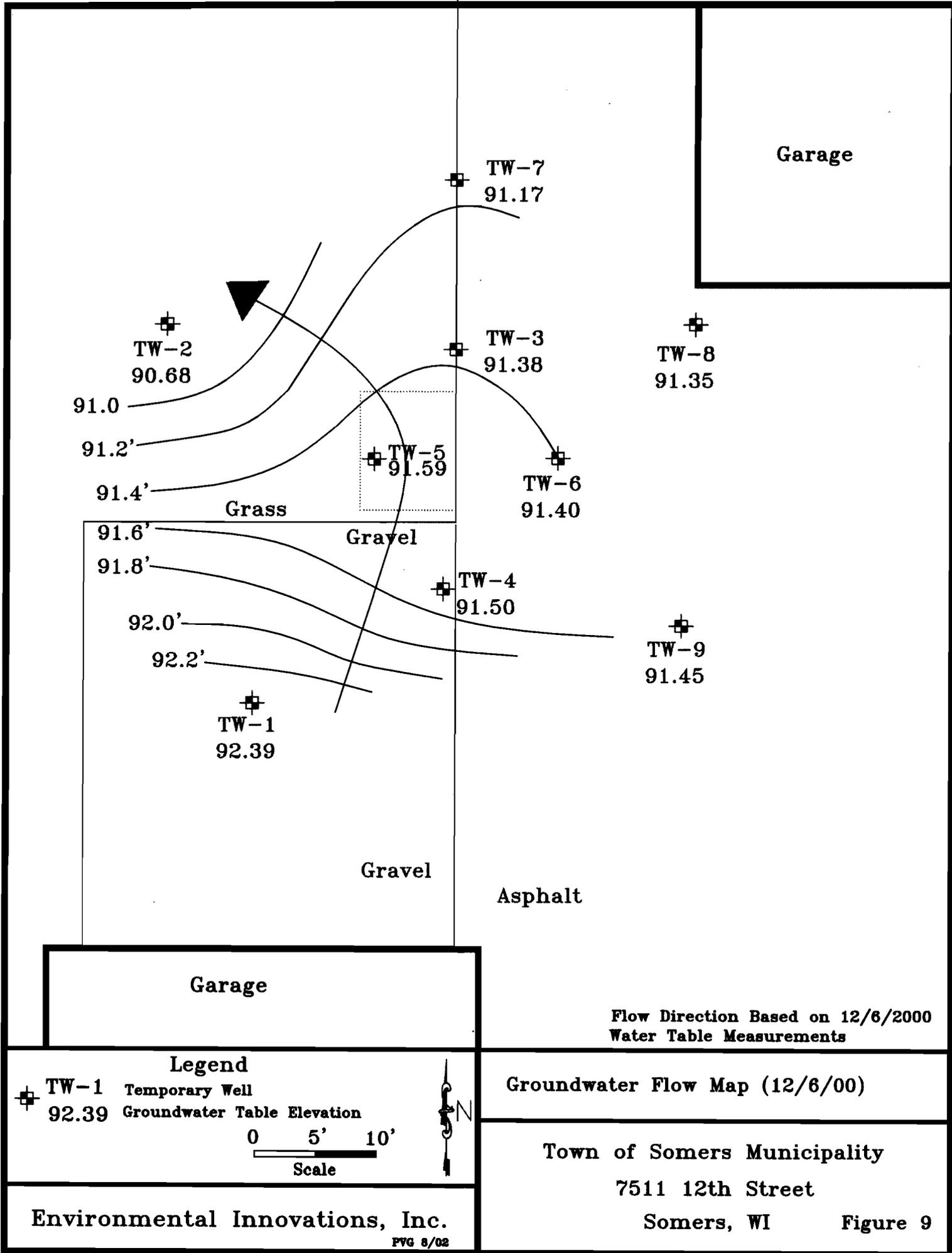
7511 12th Street

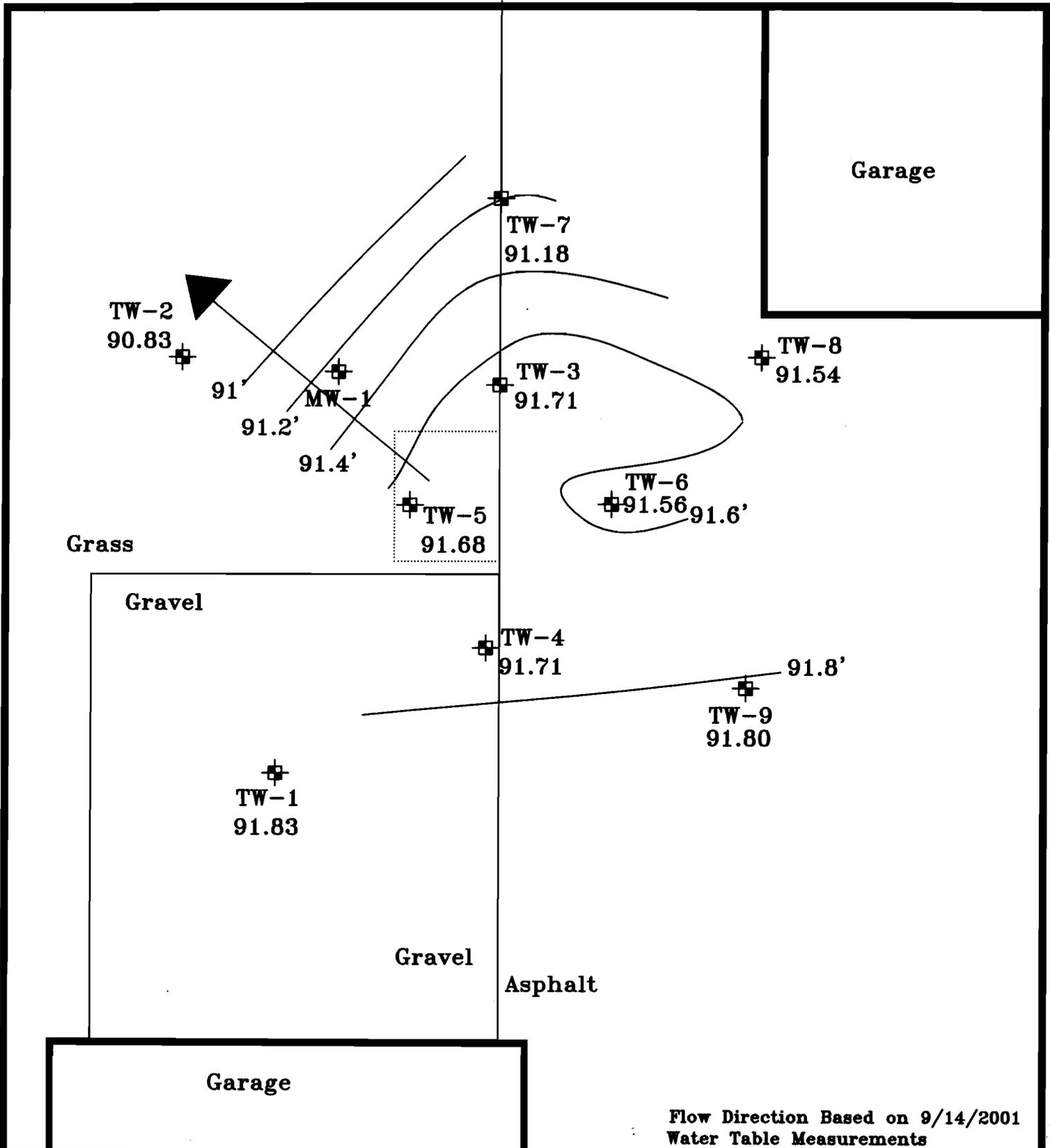
Somers, WI

Figure 8

Environmental Innovations, Inc.

PVG 8/02





Flow Direction Based on 9/14/2001
Water Table Measurements

Groundwater Flow Direction (9/14/01)

Legend

 TW-1 Temporary Well
 91.70 Groundwater Table Elevation

0 5' 10'

 Scale

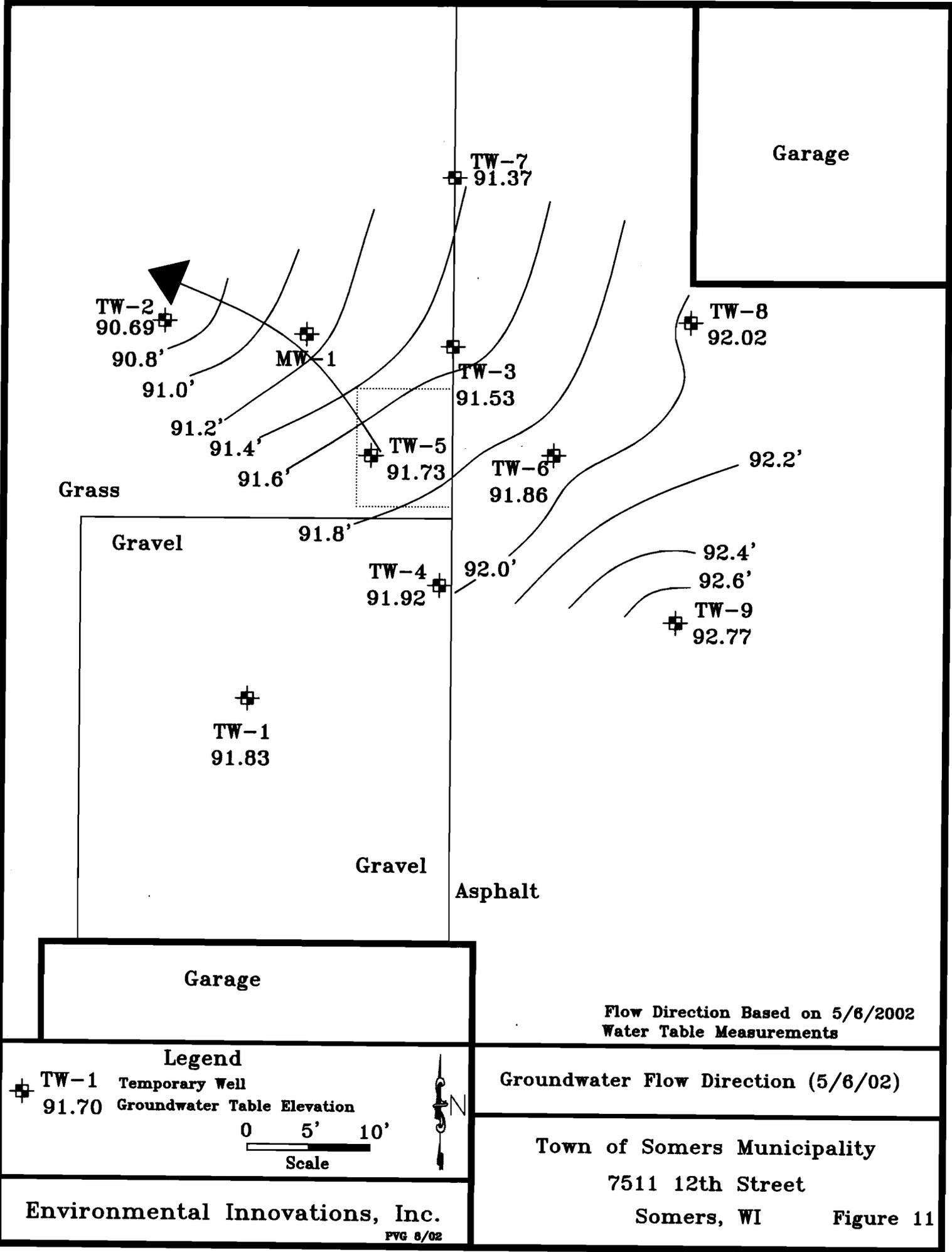
 N

Town of Somers Municipality

7511 12th Street

Somers, WI

Figure 10



Garage

TW-2
90.69

TW-7
91.37

TW-8
92.02

90.8'
91.0'

MW-1

TW-3
91.53

91.2'
91.4'

TW-5
91.73

TW-6
91.86

92.2'

Grass

Gravel

91.8'

TW-4
91.92

92.0'

92.4'

92.6'

TW-9
92.77

TW-1
91.83

Gravel

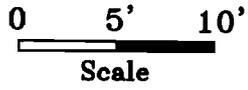
Asphalt

Garage

Flow Direction Based on 5/6/2002
Water Table Measurements

Legend

 TW-1 Temporary Well
 91.70 Groundwater Table Elevation



Groundwater Flow Direction (5/6/02)

Town of Somers Municipality

7511 12th Street

Somers, WI

Figure 11

Environmental Innovations, Inc.

PVG 8/02

TABLE 1
Soil Sample Analytical Results
Town of Somers
7511 - 12th Street
Somers, Wisconsin

Boring	Sample Date	Depth	PID	GRO (mg/kg)	DRO (mg/kg)	1,2,4-Trimethylbenzene	Ethylbenzene	Methylene chloride	n-Propylbenzene	sec-Butylbenzene	Trichloroethene	Lead - ICAP (mg/kg)
GP-1	10/30/00	8'	ND	<0.63	<1.2	<19	<16	<19	<18	<21	<22	19
GP-2	10/30/00	8'	ND	<0.59	<1.1	<18	<15	34	<17	<20	<20	16
GP-3	10/30/00	4'	ND	0.81	<1.2	<18	<15	41	<17	<20	33	18
		8'	ND	59	89	<17	<14	<17	<16	<19	<20	11
GP-4	10/30/00	5.5'	50	17	<1.1	<17	<15	<18	<16	<20	<20	21
		8'	ND	1.8	<1.1	<18	<15	151	<17	<20	<20	15
GP-5	10/30/00	4'	120	44	16	58	43	50	37	92	<19	11
		10'	ND	NT	2.2	<18	<15	140	<17	<20	<20	15
GP-6	10/30/00	5'	ND	0.63	1.7	<15	<13	166	<14	<17	<18	17
		8'	ND	1.4	<1.1	<17	<14	86	<16	<19	<20	14
GP-7	10/30/00	5'	ND	1	1.7	45	<13	<15	<16	<17	<17	7.6
GP-8	10/30/00	5.5'	ND	0.6	2	<15	<13	153	<16	<17	<17	17
GP-9	10/30/00	8'	ND	<0.59	<1.1	<15	<13	<15	<17	<17	<17	18
NR 720 RCLs				100	100		2,900					50
EPA residential Risk-Based Concentrations (RBCs)						3,900,000		85,000	3,100,000	3,100,000	58,000	

Notes:

NT - Not Tested

ND - Not Detected

All other VOC compounds analyzed were below laboratory detection limits.

TABLE 2
Groundwater Sample Analytical Results
 Town of Somers
 7511 - 12th Street
 Somers, Wisconsin

Analyte	ES	PAL	TW-1	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	TW-8	TW-9	MW-1			Potable Well	Trip Blank	
			11/21/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/20/00	11/5/01	2/4/02	5/6/02	5/6/02
Top of Well Screen	--	--	94.87	91.00	91.03	90.63	92.54	90.37	92.02	90.91	90.15						
Length of Well Screen	--	--	10	10	10	10	5	10	10	10	10	3' BGS	3' BGS	3' BGS	--	--	--
Gas Range Organics	NS	NS	NT	NT	37	NT	1060	<13	NT	NT	NT	<50	<50	NT	NT	<50	NT
Diesel Range Organics	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	<10	273	NT	NT	<50	NT
Benzene	5	0.5	<.27	<.27	<.27	<.27	26	<.27	<.27	<.27	<.27	<.50	<.50	<.5	<.5	<.50	<.5
Ethylbenzene	700	140	<.25	<.25	<.25	<.25	26	<.25	7	26	<.25	<.50	<.50	<.5	<.5	<.50	0.661
Toluene	1000	200	<.29	<.29	<.29	<.29	3.1	<.29	<.29	<.29	<.29	<.50	<.50	<.5	<.5	<.50	<.5
Chloroethane	400	80	NT	NT	<.64	NT	7.5	<.64	NT	NT	NT	<.50	<.50	<.5	<.5	<.50	<.5
Chloroform	6	0.6	NT	NT	<.24	NT	6.9	<.24	NT	NT	NT	<.14	<.14	<.14	<.14	<.14	<.14
Chloromethane	3	0.3	NT	NT	<.49	NT	4.7	<.49	NT	NT	NT	<.50	<.60	<.6	<.6	<.60	<.6
1,2-Dichloroethane	5	0.5	<.35	<.35	<.35	<.35	<.35	<.35	.6	<.35	<.35	<.50	<.50	<.5	<.5	<.50	<.5
Isopropylbenzene	NS	NS	NT	NT	<.33	NT	4.2	<.33	NT	NT	NT	<.50	<.50	<.5	<.5	<.50	<.5
Naphthalene	40	8	<.75	NT	<.75	NT	7.3	<.75	<.75	<.75	<.75	<.20	<.20	<.2	<.2	<.20	<.2
n-Propylbenzene	NS	NS	NT	NT	<.28	NT	8.3	<.28	NT	NT	NT	<.50	<.50	<.5	<.5	<.50	<.5
Methyl tert-butyl ether	60	12	<.39	<.39	<.39	<.39	<.39	<.39	<.39	<.39	<.39	37.8	32.1	29.3	<.5	<.50	<.5
p-Isopropyltoluene	NS	NS	NT	NT	<.31	NT	3.3	<.31	NT	NT	NT	<.50	<.50	<.5	<.5	<.50	<.5
Trichloroethene	5	0.5	NT	NT	<.34	NT	<.34	<.34	NT	NT	NT	<.50	<.50	<.5	<.5	1.03	<.5
Trimethylbenzenes (1,2,4 + 1,3,5)	480	96	<.34	<.34	<.34	NT	40.8	<.34	<.34	<.34	<.34	<.50	<.50	<.5	<.5	<.50	<.5
Xylene	10000	1000	<.53	<.53	1.65	<.53	24.4	<.53	5.2	1.8	1	<.50	<.50	<.5	<.5	<.50	2.97
Lead (mg/l)	0.015	0.0015	NT	NT	NT	NT	NT	NT	NT	NT	NT	<.005	<.005	NT	NT	NT	NT
Water Level	--	--	91.7	90.63	91.39*	91.72*	91.54	91.59*	90.96	91.33*	91.92*	NT	4.33' BGS	3.55' BGS	--	--	--

Notes:
 Results and standards are reported in ug/l, unless otherwise noted
 ES - WDNR NR 140 Enforcement Standards
 PAL - Preventive Action Limit
 NS - No Standard
 NT - Not Tested
 Bolded concentrations exceed PAL
 Bold and Boxed concentrations exceed ES
 All other VOC compounds analyzed were below laboratory detection limits
 * - Indicates well screen submerged below water table

TABLE 3 GROUNDWATER TABLE ELEVATIONS

Town of Somers
7511 12th Street
Somers, Wisconsin

MW-1			TW-1			TW-2			TW-3			TW-4		
Surface Elevation														
Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation		
Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation		
Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation		
Measurement Date	DTW	Groundwater Elevation												
11/20/00	NI	NI	11/20/00	3.66	91.70	11/20/00	5.37	90.63	11/20/00	3.74	91.39*	11/20/00	3.22	91.72*
12/6/00	NI	NI	12/6/00	2.97	92.39	12/6/00	5.32	90.68	12/6/00	3.75	91.38*	12/6/00	3.44	91.5*
9/14/01	NI	NI	9/14/01	3.53	91.83	9/14/01	5.17	90.83	9/14/01	3.42	91.71*	9/14/01	3.23	91.71*
2/4/02	4.33	--	2/4/02	NT	NT									
5/6/02	3.55	--	5/6/02	3.53	91.83	5/6/02	4.63	90.69	5/6/02	3.60	91.53*	5/6/02	2.93	91.92*

TW-5			TW-6			TW-7			TW-8			TW-9		
Surface Elevation														
Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation			Top of Casing Elevation		
Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation			Top of Screen Elevation		
Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation			Bottom of Screen Elevation		
Measurement Date	DTW	Groundwater Elevation												
11/20/00	4.94	91.54	11/20/00	3.32	91.59*	11/20/00	4.02	90.96	11/20/00	3.74	91.33*	11/20/00	2.67	91.92*
12/6/00	4.89	91.59	12/6/00	3.51	91.40*	12/6/00	3.81	91.17	12/6/00	3.72	91.35*	12/6/00	3.14	91.45*
9/14/01	4.80	91.68	9/14/01	3.35	91.56*	9/14/01	3.80	91.18	9/14/01	3.53	91.54*	9/14/01	2.79	91.80*
2/4/02	NT	NT												
5/6/02	3.26	91.73	5/6/02	3.05	91.86*	5/6/02	3.61	91.37	5/6/02	3.05	92.02*	5/6/02	1.82	92.77*

Notes:

Elevations and depths are reported in feet.

Elevations are based upon local site datum.

Depths groundwater do not represent depths below ground surface

Depths to groundwater were measured from the top of pvc which extend as much as 2.5 feet above ground surface

Environmental Innovations
By: PVG
Checked by: PVG

9/12/2002
GW.xls
Elevations

DOCUMENT NO.

VOL 937-4936

585088

FEE 2 EXEMPT

WARRANTY DEED FORM 861

THIS SPACE RESERVED FOR RECORDING DATA

THIS INDENTURE, Made this 25th day of April, A. D., 1975, between Lester B. Orr, William Maricle and Richard Yohe

REGISTERS OFFICE KENOSHA COUNTY, WIS. S.S. RECORDED AT 2:34 P.M.

parties of the first part, and Town of Somers, a municipal corporation

ON APR 30 1975 III RECORDS V. 937 P. 336

Witnesseth, That the said parties of the first part, for and in consideration of the sum of Ten Dollars and other good and valuable consideration

RETURN TO C. T. Rothrock Kenosha, Wis.

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, in joint tenancy, the survivor of them, his or her heirs and assigns forever, the following described real estate, situated in the County of Kenosha and State of Wisconsin, to-wit:

The East 330 feet of the Northwest Quarter of the Northeast Quarter, Section 16, Town 2 North, Range 22 East of the Fourth Principal Meridian, lying and being in the Town of Somers, County of Kenosha, State of Wisconsin, subject to right-of-way for County Trunk E.

Subject to: General taxes for 1975 and subsequent years; easements of record; and public or private rights laid out or dedicated in any manner whatsoever for highway purposes.

The above described real estate is not homestead property.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

Together with all and singular the hereditaments and appurtenances thereto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties of the first part, either in law or equity, in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, as joint tenants, and to the survivor of them, his or her heirs and assigns FOREVER. And the said Lester B. Orr, William Maricle and Richard Yohe

for their heirs, executors and administrators, do covenant, grant, bargain, and agree to and with the said party of the second part, the survivor of them, his or her heirs and assigns, that at the time of the ensembling and delivery of these presents, they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, the survivor of them, his or her heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals, this 25th day of April, A. D., 1975.

SIGNED AND SEALED IN PRESENCE OF LANCE C. STANTON JOHN E. REINERT

SIGNED AND SEALED IN PRESENCE OF Lester B. Orr William Maricle Richard Yohe

Illinois State of Lake County, Wis. Personally came before me, this 25th day of April, A. D., 1975, the above named Lester B. Orr, William Maricle and Richard Yohe

to me known to be the persons who executed the foregoing instrument and acknowledged the same

THIS INSTRUMENT WAS PREPARED BY JOHN E. REINERT, Notary Public, Lake County, Wis. My commission (expires) (is) December 5th, 1978.

