GIS REGISTRY INFORMATION

SITE NAME:	North Star Camp For Boys						
BRRTS #:	03-58-449301	**FID #** (if appropriate):					
COMMERCE # (if appropriate):	54843-4074-70						
CLOSURE DATE:	No Review Completed Date						
STREET ADDRESS:	10970 W Boys Camp Rd						
CITY:	Hayward						
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	424636	**Y =**	624620			
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X	
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	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)	X
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	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	
RP certified statement that legal descriptions are complete and accuraten	X
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW)**	
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure	

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Cory L. Nettles, Secretary

June 16, 2004

Robert Lebby
North Star Camp for Boys
10970 W Boys Camp
Hayward, WI 54843

RE: **Final Closure**

Commerce # 54843-4074-70 WDNR BRRTS # 03-58-449301
North Star Camp For Boys, 10970 W Boys Camp Rd , Hayward

Dear Mr. Lebby:

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 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 (608) 261-7718.

Sincerely,

Will M. Myers
Geologist
Site Review Section

cc: Amy Haak, Alpha Terra Science, Inc.

DOCUMENT NO

171715

STATE BAR OF WISCONSIN — FORM 1
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

Register's Office
Sawyer County
Filed for record the 9 day of October A.D. 1979 at 2:15 o'clock P.M. and recorded in vol. 312 on page 242
E. Louis Lindahl
Register

Deputy

CHERNOV, CROEN & GOODSTEIN, S.C.
ATTORNEYS AT LAW
RETURN 700 North Water Street
Milwaukee, Wis. 53202
(414) 276-4080

Tax Key No. .....

This Deed, made between Louis P. Rosenblum and Renee Rosenblum,

.....Grantor

and Robert A. Lebby

.....Grantee,

Witnesseth, That the said Grantor, for a valuable consideration.....

conveys to Grantee the following described real estate in Sawyer County, State of Wisconsin:

Government ✓
Lots 2 and 3 in Section 27, Township 42 North, Range 7 West.

This real estate is also known as:

Lots 2 and 3 in the NW 1/4 - SW 1/4 of Section 27, Township 42 North, of Range 7 West.

GRANTEE'S ADDRESS:
c/o North Star Camp
for Boys
Rt. 1
Hayward, Wis.

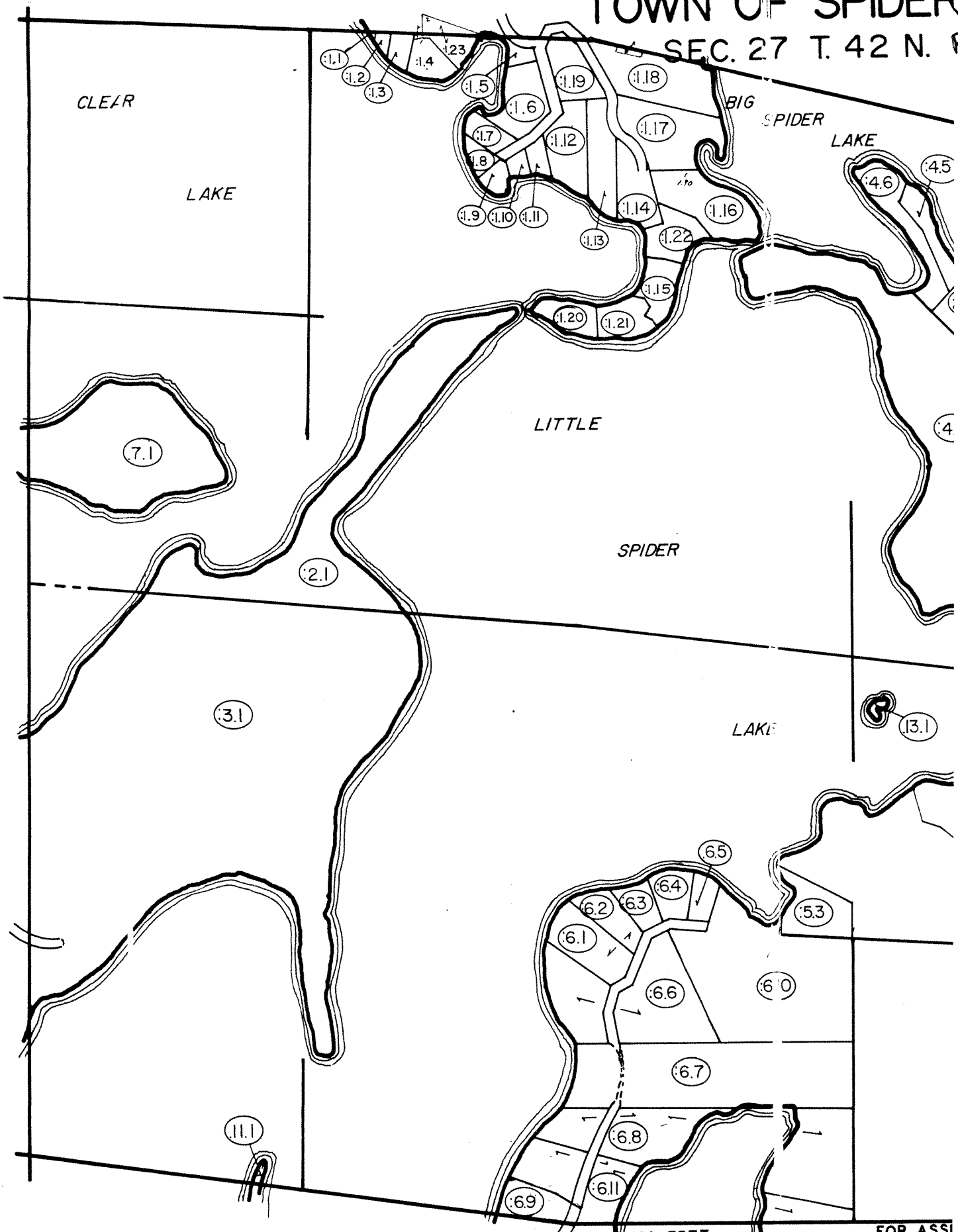
TRANSFER
$ 2.68
FEE

This is homestead property.
(is) (is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Louis P. Rosenblum and Renee Rosenblum

TOWN OF SPIDER LAKE

SEC. 27 T. 42 N. R7W



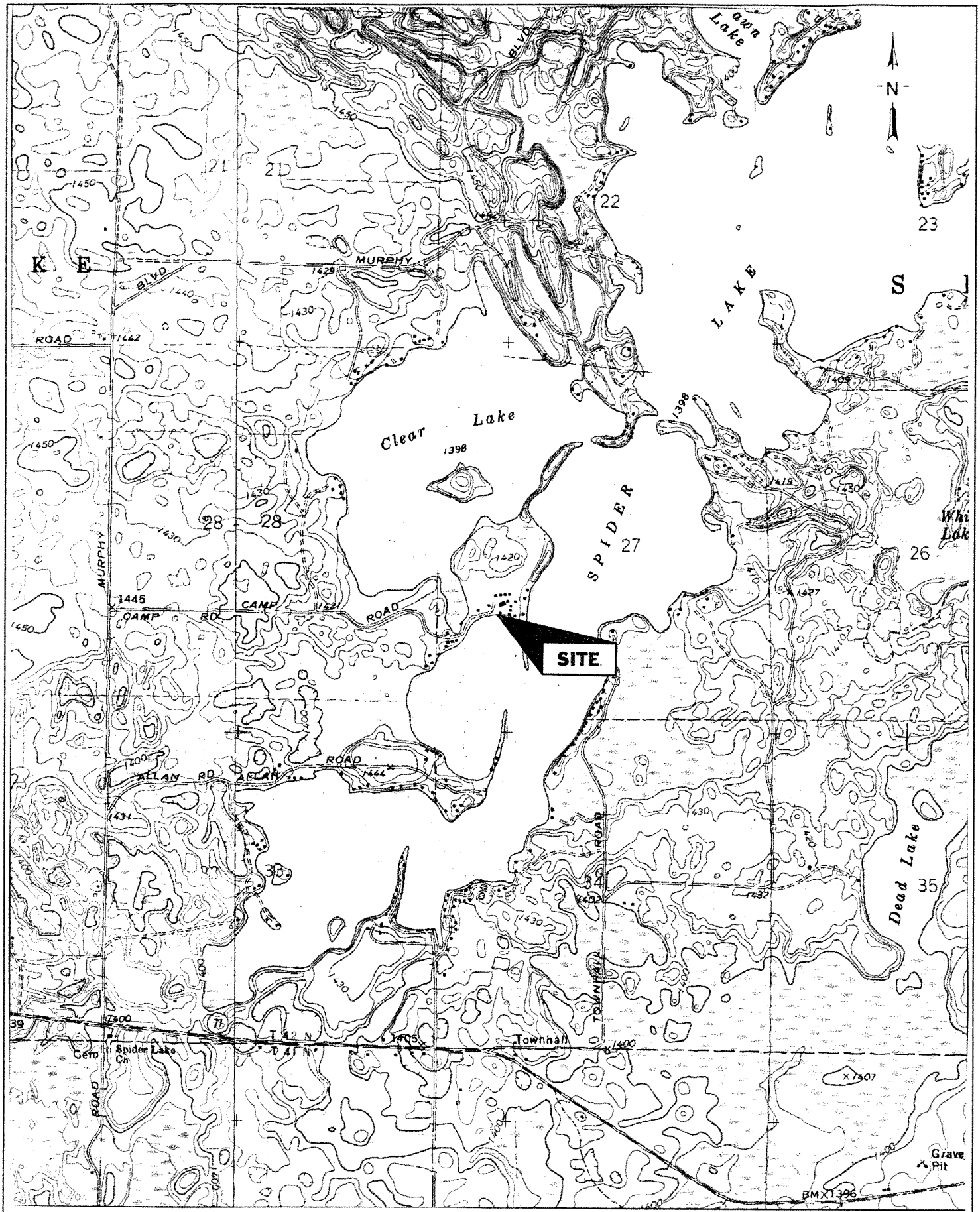
original SCALE: 1 INCH= 400 FEET
DRAWN BY: S.R.D. DATE: 2-22-83
COLON (:) INDICATES GOVT. LOT

map reduced

FOR ASSI
INTENDEI
EVIDENCE
BOUNDAF

Parcel Identification Number

028742275201
028742275301



SOURCE: U.S. GEOLOGICAL SURVEY
SPIDER LAKE QUADRANGLE
7.5 MINUTE, 1976

SCALE: 1 : 24,000

SITE LOCATION
North Star Camp for Boys
Spider Lake (Hayward), WI

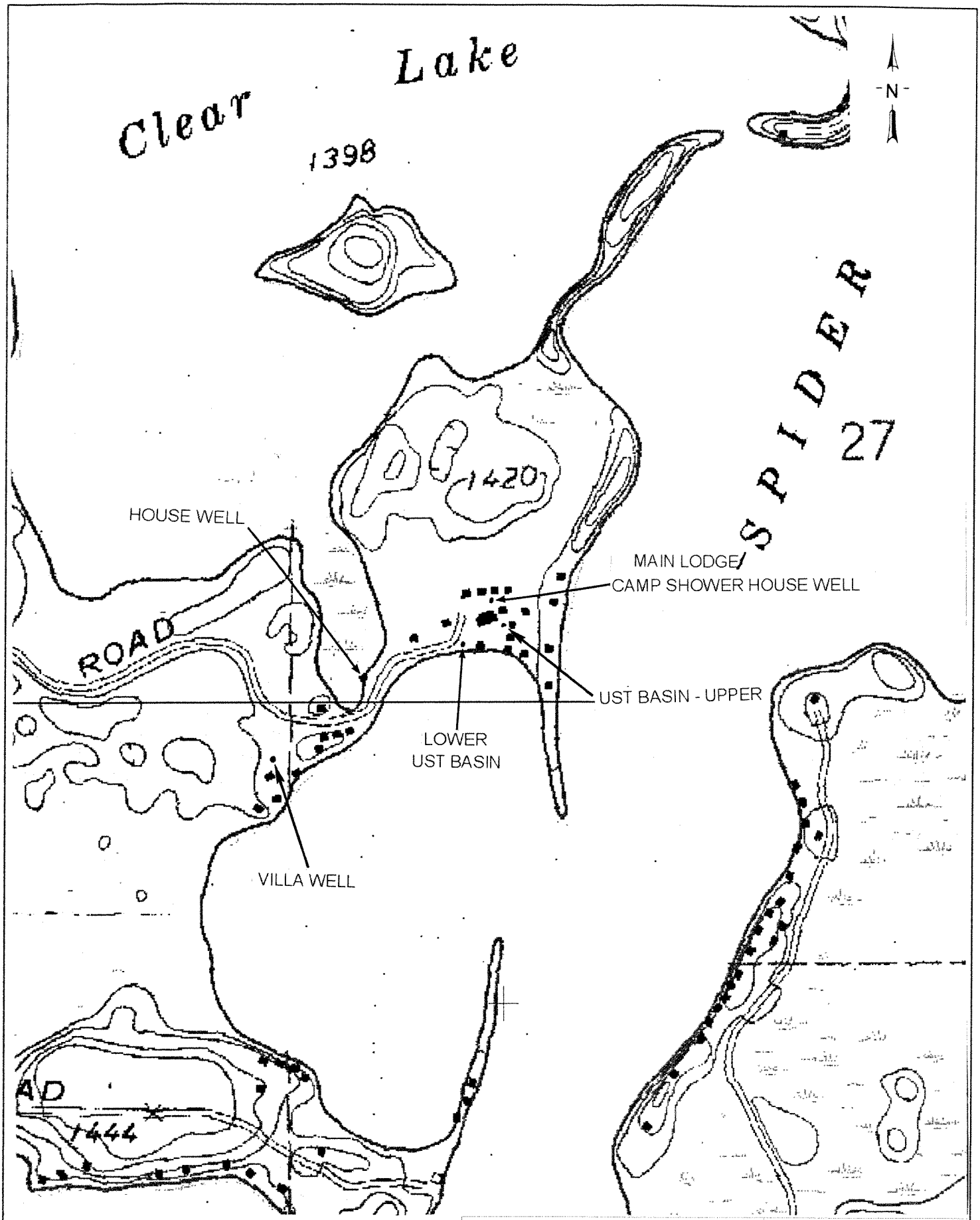
REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 3/14/02 | DWG #: site-loc.skf

APPROVED: AH

FIGURE 1



SOURCE: U.S. GEOLOGICAL SURVEY
SPIDER LAKE QUADRANGLE
7.5 MINUTE, 1976

SCALE: 1 : 8,000

SITE WATER SUPPLY WELL LOCATIONS

North Star Camp for Boys
Spider Lake (Hayward), WI

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE: 7/24/02 DWG #: pwell-loc.sld

APPROVED: AH

FIGURE 2

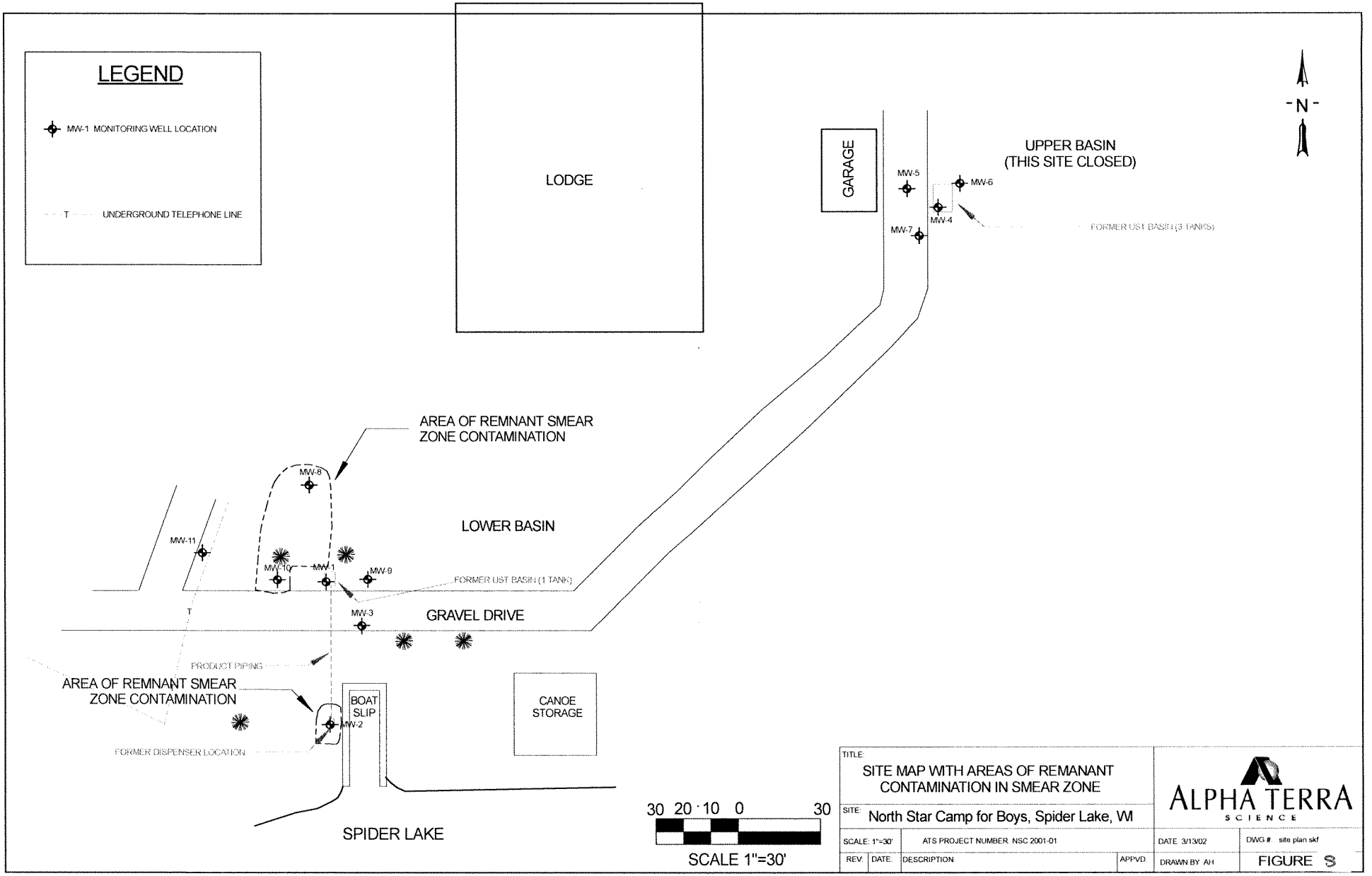

LEGEND
MW-1 MONITORING WELL LOCATION
T UNDERGROUND TELEPHONE LINE
LODGE
GARAGE
UPPER BASIN
(THIS SITE CLOSED)
MW-5
MW-6
MW-4
MW-7
FORMER UST BASIN (3 TANKS)
N
AREA OF REMNANT SMEAR
ZONE CONTAMINATION
MW-8
LOWER BASIN
MW-11
MW-10
MW-1
MW-9
FORMER UST BASIN (1 TANK)
T
MW-3
GRAVEL DRIVE
PRODUCT PIPING
AREA OF REMNANT SMEAR
ZONE CONTAMINATION
BOAT
SLIP
MW-2
CANOE
STORAGE
FORMER DISPENSER LOCATION
SPIDER LAKE
30 20 10 0 30
SCALE 1"=30'
TITLE:
SITE MAP WITH AREAS OF REMANANT
CONTAMINATION IN SMEAR ZONE
SITE:
North Star Camp for Boys, Spider Lake, WI
SCALE: 1"=30'
ATS PROJECT NUMBER: NSC 2001-01
DATE: 3/13/02
DWG #: site plan skf
REV:
DATE:
DESCRIPTION:
APPVD.
DRAWN BY: AH
FIGURE 3
ALPHA TERRA
SCIENCE

TABLE 1

GROUNDWATER ANALYTICAL RESULTS - SELECTED PARAMETERS

North Star Camp for Boys, Spider Lake, WI

Sample ID	Sample Date	ANALYTICAL PARAMETERS								
		GRO (mg/l)	Benzene (ug/l)	Ethylbenzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	TMB (ug/l)	Naphthalene (ug/l)	Lead (ug/l)
MW-1	2/3/04	NA	**1,200**	***510***	**5,600**	***4,300***	<0.50	**900**	NA	NA
MW-2	2/3/04	NA	<0.20	<0.50	1.7	<0.50	<0.50	<0.40	NA	NA
MW-3	2/3/04	NA	<0.20	<0.50	<0.20	<0.50	<0.50	<0.40	NA	NA
MW-8	2/3/04	NA	<0.20	<0.50	<0.20	<0.50	<0.50	<0.40	NA	NA
MW-9	2/3/04	NA	<0.20	<0.50	<0.20	<0.50	<0.50	0.21	NA	NA
MW-10	2/3/04	NA	**100**	130	***290***	***1300***	<0.50	***402***	NA	NA
MW-11	2/3/04	NA	0.25	<0.50	<0.20	<0.50	<0.50	<0.40	NA	NA
Lodge Well	8/19/02	NA	<0.16	<0.18	<0.15	<0.28	<0.11	<0.18	<0.18	NA
NR 140.10 Preventive Action Limit		NS	0.5	140	200	1000	12	96	8	1.5
NR 140.10 Enforcement Standard		NS	5	700	1000	10,000	60	480	40	15

Notes: *Xylenes reported as total of m-, o-, p-xylenes* *NS = No standard established*

TMB reported as total of 1,2,4- and 1,3,5-trimethylbenzene *NA= Not analyzed for parameter*

BOLD *indicates exceedance of NR 140.10 Preventive Action Limit*

BOLD *indicates exceedance of NR 140.10 Enforcement Standard*

TABLE 2

SOIL ANALYTICAL RESULTS - SELECTED PARAMETERS

North Star Camp for Boys, Spider Lake, WI

Sample ID	Depth (feet)	ANALYTICAL PARAMETERS										
		GRO (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)	1,2 DCA (ug/kg)	Lead (mg/kg)
Results for MW-1 through MW-8 are pre remediation												
MW-1	4-6'	2400	14000	35,000	120,000	211,000	400	97,000	31,000	15,000	<310	4.0
MW-1	12-14'	33	410	340	1700	4700	<25	2100	700	310	<25	<3.8
B-1	4-6'	<2.9	70	<25	36	161	<25	81	32	<25	<25	<3.6
B-2	2-4'	<3.0	<25	<25	43	<25	<25	<25	<25	<25	<25	<3.9
MW-2	1-3'	<3.3	**46**	<25	110	60	<25	42	<25	<25	<25	4.6
MW-3	2-4'	<2.9	<25	<25	<25	40	<25	<25	<25	<25	<25	<3.7
B-3	2-4'	<2.9	<25	<25	<25	<25	<25	<25	<25	<25	<25	<3.5
MW-8	7-9'	<2.8	**360**	2300	570	**36,600**	<310	100,000	40,000	14,000	<310	<3.7
Results from MW-9 through MW-11 post remediation												
MW-9	2-4'	<5.6	<28	<28	<28	<84	<28	<28	<28	NA	NA	<4.5
MW-10	1.5-2.5'	NA	<26	<26	<26	<79	<26	<26	<26	NA	NA	<4.2
MW-10	8-12'	<5.7	37	57	184	713	<29	356	126	NA	NA	NA
MW-11	4-6.5'	<6.0	<30	<30	<30	<90	<30	<30	<30	NA	NA	NA
NR 720 Residual Contaminant Levels*		250	5.5	2900	1500	4100	NS	NS	NS	400	4.9	NS
NR 746 Soil Screening Levels		NS	8500	4600	38,000	42,000	NS	83,000	11,000	2700	600	NS
NR 746 Direct Contact Levels (top 4')		NS	1100	NS	NS	NS	NS	NS	NS	NS	540	50

Notes: *Xylenes reported as total of m-, o-, p-xylenes* *TMB= trimethylbenzene* *NS = No standard established*

** Naphthalene RCL is interim guidance level, not codified in NR 720 RCL* *NA= Not analyzed for parameter*

NR 720 generic residual contaminant level and NR 746 soil screening levels apply only to unsaturated zone samples

BOLD *indicates exceedance of NR 720 RCL*

TABLE 3

SOIL ANALYTICAL RESULTS - SOIL REMEDIATION ACTIVITIES

North Star Camp for Boys, Spider Lake, WI

Sample ID**	Sample Description	Depth (feet)	PID Reading (su)	ANALYTICAL PARAMETERS GRO (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	D South	1'	0.0	<6.4	<32	<32	<32	<96	<32	<32	<32	NA
2	D West	1'	0.0	<6.5	<33	<33	<33	<98	<33	<33	<33	NA
3	D North	1'	0.5	<6.0	<30	<30	<30	<90	<30	<30	<30	NA
4	East End	4'	55.5	329	787	1,530	6,930	18,800	<141	7,050	4,110	764
5	North Center	3.5'	308.0	**3,160**	**15,200**	**41,000**	**164,000**	**398,000**	<1410	164,000	53,900	**8,430**
6	Southeast	3.5'	8.4	<6.1	<31	<31	<31	47	<31	52	<31	<31
7	Southwest	3'	18.0	<6.0	<30	<30	<30	<42	<30	<30	<30	<30
8	West	3'	17.2	<6.9	<34	<34	<34	<48	<34	46	<34	<34
9	Northwest	3'	159.3	**1,440**	<1330	**6,220**	**6,440**	**144,000**	<1330	97,800	53,300	<1330
NR 720 Residual Contaminant Levels *				100	5.5	2,900	1,500	4,100	NS	NS	NS	400
NR 746 Soil Screening Levels				NS	8500	4,600	38,000	42,000	NS	83,000	11,000	NS
NR 746 Direct Contact Levels (top 4')				NS	1100	NS	NS	NS	NS	NS	NS	NS

Notes: *** Sample ID number corresponds to sample location indicated on Figure 5*

Xylenes reported as total of m-, o-, p-xylenes *TMB= trimethylbenzene*

NA= Not analyzed for parameter *NS = No standard established*

** Naphthalene level is interim guidance level, not codified NR 720 RCL*

NR 720 generic residual contaminant level and NR 746 soil screening levels do not apply only to unsaturated zone samples

BOLD *indicates exceedance of NR 720 RCL*

BOLD *indicates exceedance of NR 746 direct contact level*

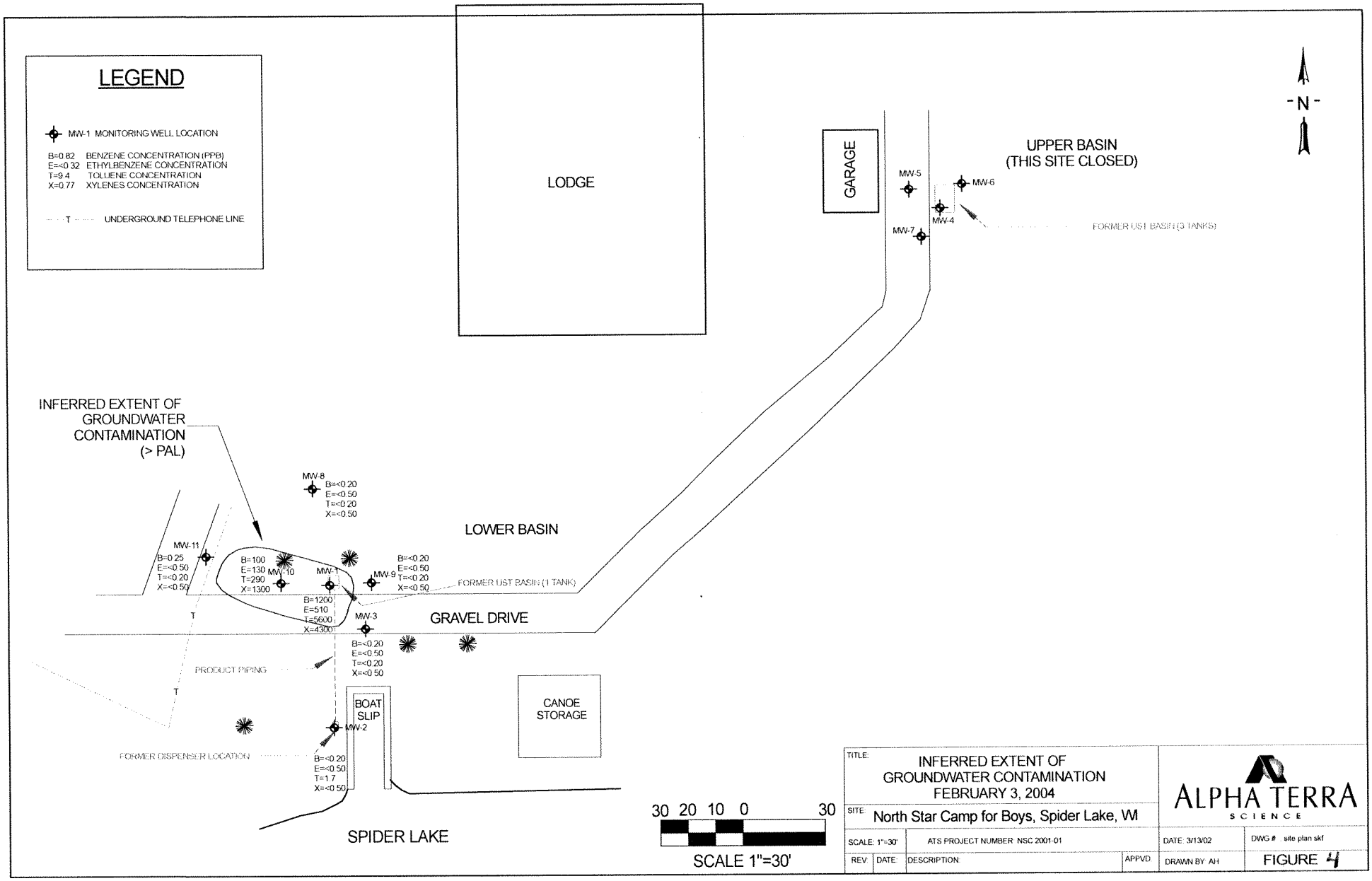

LEGEND
MW-1 MONITORING WELL LOCATION
B=0.82 BENZENE CONCENTRATION (PPB)
E=<0.32 ETHYLBENZENE CONCENTRATION
T=9.4 TOLUENE CONCENTRATION
X=0.77 XYLENES CONCENTRATION
T UNDERGROUND TELEPHONE LINE
LODGE
GARAGE
UPPER BASIN
(THIS SITE CLOSED)
MW-5
MW-6
MW-4
MW-7
FORMER UST BASIN (3 TANKS)
N
INFERRED EXTENT OF
GROUNDWATER
CONTAMINATION
(> PAL)
MW-8
B=<0.20
E=<0.50
T=<0.20
X=<0.50
LOWER BASIN
MW-11
B=0.25
E=<0.50
T=<0.20
X=<0.50
B=100
E=130
T=290
X=1300
MW-10
MW-1
B=1200
E=510
T=5600
X=4300
MW-9
B=<0.20
E=<0.50
T=<0.20
X=<0.50
FORMER UST BASIN (1 TANK)
MW-3
GRAVEL DRIVE
B=<0.20
E=<0.50
T=<0.20
X=<0.50
PRODUCT PIPING
T
BOAT
SLIP
MW-2
CANOE
STORAGE
FORMER DISPENSER LOCATION
B=<0.20
E=<0.50
T=1.7
X=<0.50
SPIDER LAKE
30 20 10 0 30
SCALE 1"=30'
TITLE:
INFERRED EXTENT OF
GROUNDWATER CONTAMINATION
FEBRUARY 3, 2004
SITE: North Star Camp for Boys, Spider Lake, WI
SCALE: 1"=30'
ATS PROJECT NUMBER: NSC 2001-01
DATE: 3/13/02
DWG # site plan skf
REV
DATE:
DESCRIPTION:
APPVD
DRAWN BY: AH
FIGURE 4
ALPHA TERRA
SCIENCE

TABLE 4
GROUNDWATER ELEVATION DATA
North Star Camp for Boys, Spider Lake, WI

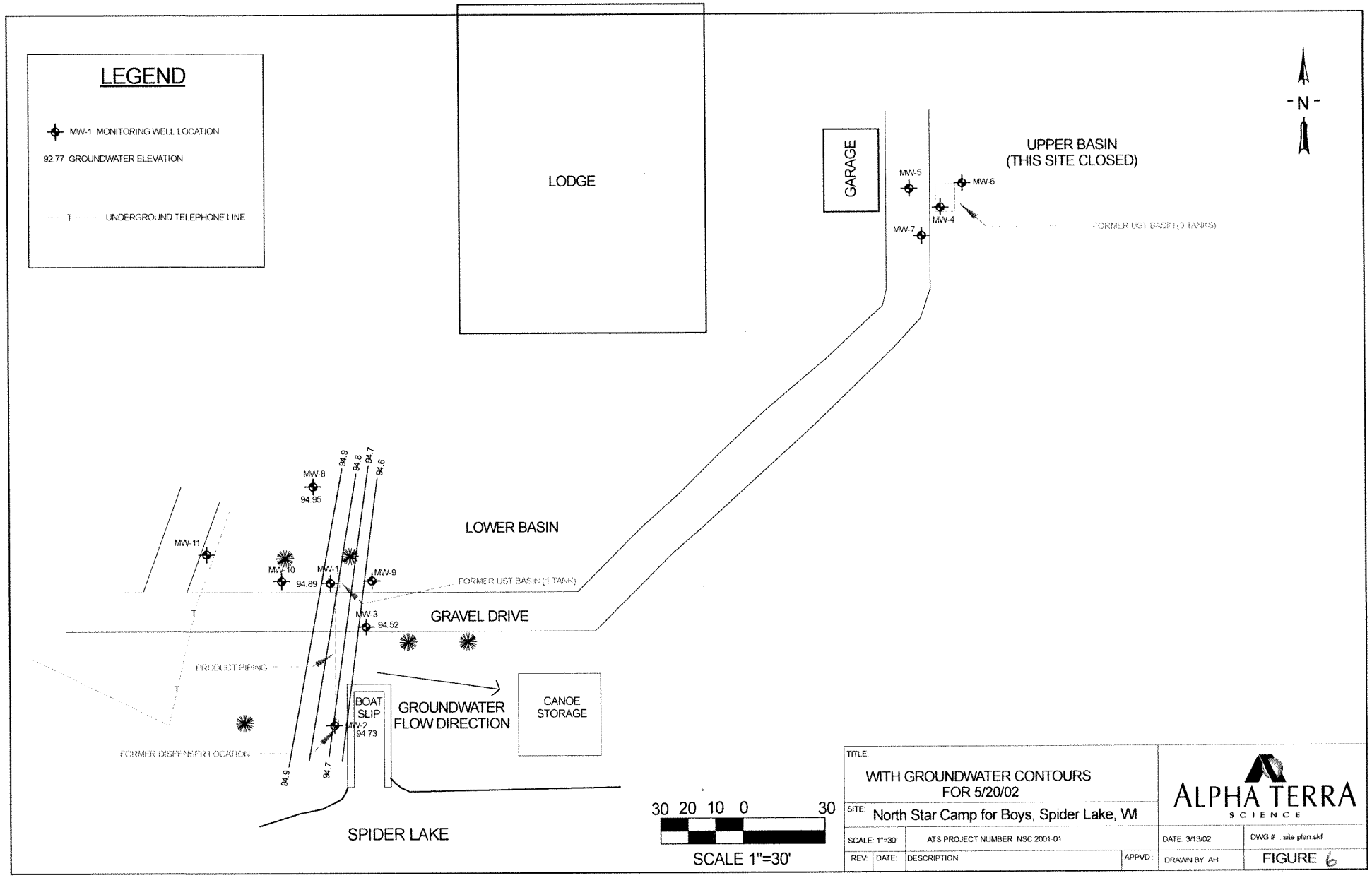
Well ID	MW-1	MW-2	MW-3	MW-8	MW-9
Top of Casing Elevation	96.65	95.15	96.18	100.51	96.69

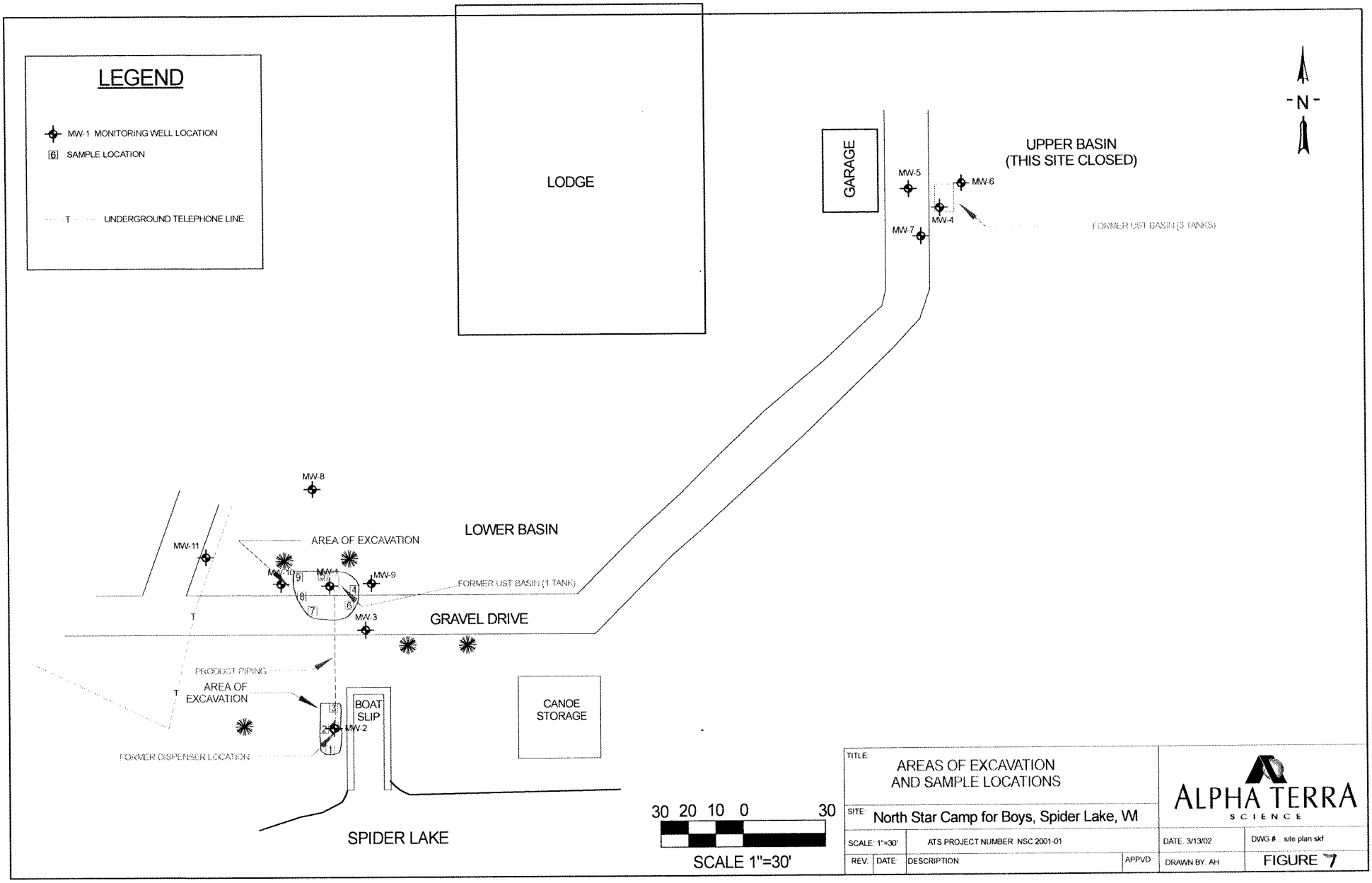
Well ID	MW-10	MW-11
Top of Casing Elevation	97.15	97.26

	MW-1		MW-2		MW-3	
Date	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
2/3/98	3.49	93.16	1.88	93.27	3.00	93.18
2/11/98	3.51	93.14	1.89	93.26	2.97	93.21
4/24/98	2.41	94.24	0.93	94.22	1.87	94.31
10/8/98			2.33	92.82	3.45	92.73
12/16/98	3.82	92.83	2.05	93.10	3.23	92.95
5/20/02	1.76	94.89	0.42	94.73	1.66	94.52
8/19/02	2.57	94.08	1.18	93.97	2.16	94.02
11/19/02	2.39	94.26	1.00	94.15	1.98	94.20
2/17/03	3.32	93.33	1.75	93.40	2.98	93.20
9/12/03	2.98	93.67	1.55	93.60	2.60	93.58
2/3/04	3.64	93.01	1.93	93.22	3.23	92.95

	MW-8		MW-9		MW-10	
Date	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Static Water Level
10/8/98	7.93	92.58				
12/16/98	7.74	92.77				
5/20/02	5.56	94.95				
8/19/02	6.54	93.97				
11/19/02	6.33	94.18				
2/17/03	7.28	93.23				
9/12/03	7.06	93.45	3.04	93.65	3.51	93.64
2/3/04	7.69	92.82	3.66	93.03	4.13	93.02

	MW-11	
Date	Depth to Water	Static Water Level
2/3/04	4.28	92.98


LEGEND
MW-1 MONITORING WELL LOCATION
92.77 GROUNDWATER ELEVATION
T UNDERGROUND TELEPHONE LINE
LODGE
GARAGE
UPPER BASIN
(THIS SITE CLOSED)
MW-5
MW-6
MW-4
MW-7
FORMER UST BASIN (3 TANKS)
N
MW-8
94.95
94.9
94.8
94.7
94.6
LOWER BASIN
MW-11
MW-10
MW-1
MW-9
94.89
FORMER UST BASIN (1 TANK)
MW-3
94.52
GRAVEL DRIVE
PRODUCT PIPING
BOAT SLIP
MW-2
94.73
GROUNDWATER FLOW DIRECTION
CANOE STORAGE
FORMER DISPENSER LOCATION
94.9
94.7
SPIDER LAKE
30 20 10 0 30
SCALE 1"=30'
TITLE:
WITH GROUNDWATER CONTOURS
FOR 5/20/02
SITE: North Star Camp for Boys, Spider Lake, WI
SCALE: 1"=30'
ATS PROJECT NUMBER: NSC 2001-01
DATE: 3/13/02
DWG # site plan.skf
REV. DATE: DESCRIPTION: APPVD.
DRAWN BY: AH
FIGURE 6
ALPHA TERRA SCIENCE


LEGEND
MW-1 MONITORING WELL LOCATION
[6] SAMPLE LOCATION
T UNDERGROUND TELEPHONE LINE
LODGE
GARAGE
UPPER BASIN
(THIS SITE CLOSED)
MW-5
MW-6
MW-4
MW-7
FORMER UST BASIN (3 TANKS)
N
MW-8
LOWER BASIN
AREA OF EXCAVATION
MW-11
MW-10
MW-1
MW-9
FORMER UST BASIN (1 TANK)
MW-3
GRAVEL DRIVE
PRODUCT PIPING
AREA OF EXCAVATION
BOAT SLIP
MW-2
CANOE STORAGE
FORMER DISPENSER LOCATION
SPIDER LAKE
30 20 10 0 30
SCALE 1"=30'
TITLE: AREAS OF EXCAVATION AND SAMPLE LOCATIONS
SITE: North Star Camp for Boys, Spider Lake, WI
SCALE: 1"=30'
ATS PROJECT NUMBER: NSC 2001-01
REV. DATE: DESCRIPTION: APPVD
DATE: 3/13/02
DRAWN BY: AH
DWG #: site plan skf
ALPHA TERRA SCIENCE
FIGURE 7

ALPHA TERRA
SCIENCE

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
E-mail-alphaterra@alphaterra.net

The property described as:

Lots 2 and 3 in the NW1/4 – SW1/4 of Section 27, Township 42 North, of Range 7 West is the correct legal description for contaminated property at theNorth Star Camp.

Amy Haak,
Geologist
Alpha Terra Science
for Robert Lebby