

GIS Registry Information

This GIS Registry information was collected by DNR from existing documentation contained in a previously closed case file.

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may, therefore, be unavailable.

DNR added this information to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

To review the complete file you may contact the West Central Regional Environmental Program Associate at 715-839-2784.

GIS REGISTRY INFORMATION

SITE NAME: Dean Foods Vegetable Co.
BRRTS #: 03-09-000019 **FID #:** 609073080
COMMERCE #: 54724999921
CLOSURE DATE: 05/13/1997
STREET ADDRESS: 521 Main St.
CITY: Bloomer

SOURCE PROPERTY Locational COORDINATES (meters in WTM91 projection): X= 402813 Y= 516217

CONTAMINATED MEDIA: Groundwater Soil Both
OFF-SOURCE GW CONTAMINATION >ES: Yes No

IF YES, STREET ADDRESS 1: _____
Locational COORDINATES (meters in WTM91 projection): X= _____ Y= _____

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): Yes No

IF YES, STREET ADDRESS 1: _____
Locational COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter or denial letter issued X
- Copy of any maintenance plan referenced in the final closure letter. NA
- Copy of (soil or land use) deed notice *if any required as a condition of closure* X
- Copy of most recent deed, including legal description, for all affected properties NA
- Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* for all affected properties NA
- 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. NA
- 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 accurate** NA
- Copies of off-source notification letters (if applicable)** NA
- Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW) NA

GWURR Package Cover Sheet

Site Name Dean Foods Vegetable Co.

Site Address 521 Main St., Bloomer, WI 54724

BRRTS # 03-09-000019 Date of Closure Decision 1/9/97

^{PIN}
~~Tax Parcel~~ # Chippewa Co. # 23009-0541-0075-0000
23009-0514-0825-0000

- Groundwater Use Restriction
- Location map
- Detailed site map
- Groundwater flow/~~isoc~~concentration maps
- Geologic cross sections
- Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)
- Closure letter(s)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076/1605
TTY 715-839-2786

May 13, 1997

Site Ref: LUST Case #19.WCR
Chippewa County

Mr. David J. Schauer
Dean Foods Vegetable Company
P.O. Box 19027
Green Bay, WI 54307-9027

**SUBJECT: Site Closure for the Former Dean Foods Facility Located at
521 Main Street, Bloomer, WI**

Dear Mr. Schauer:

This Department has received the recorded Deed Restrictions for the above-captioned property. In addition, the groundwater monitoring wells and the stream gauge have been properly abandoned and removed, respectively. Consequently, no further action is required at this site pursuant to NR 726, Wisconsin Administrative Code.

If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,


John R. Grump
Hydrogeologist

JRG/ah

c: Bill Evans
Brenton L. LeMay, BTL

*Quality Natural Resources Management
Through Excellent Customer Service*





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott Humrickhouse, Acting Regional
Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076/1605
TTY 715-839-2786

January 10, 1997

Site Ref: LUST Case #19.WD
Chippewa County

Mr. David J. Schauer
Dean Foods Vegetable Company
P.O. Box 19027
Green Bay, WI 54307-9027

**SUBJECT: Conditional Site Closure for the Former Dean Foods Processing
Plant Located in Bloomer, WI**

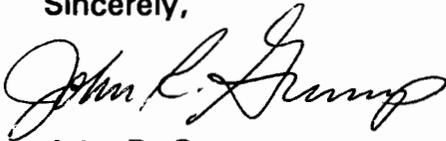
Dear Mr. Schauer:

On July 31, 1989, the Department of Natural Resources provided a notice to you that the degree and extent of petroleum contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation have been accomplished. Therefore, the site was reviewed by the West Central Regional Close Out Committee on January 9, 1997, for a determination as to whether or not the case qualified for close out under ch. NR 726, Wisconsin Administrative Code.

The Regional Close Out Committee has determined that the requirements in NR 726.05(2)(b), Wisconsin Administrative Code, have been satisfied. Consequently, closure has been granted if a groundwater use restriction which meets the requirements of NR 726.05(8)(am), Wisconsin Administrative Code, is recorded with the County Register of Deeds within thirty (30) days. Upon receipt of this recorded restriction, the Department will consider this site closed having determined that no further action is necessary at this site. If additional information regarding this site indicates that it poses a threat to public health, safety, welfare or the environment, this case may be reopened pursuant to NR 726.09, Wisconsin Administrative Code. A copy of a model groundwater use restriction document is enclosed. This model must be used to formulate your site-specific document. A draft of your deed restriction must be submitted for review by our legal counsel. Based on that review any necessary changes must be made prior to recording with the county.

Closure will also be contingent on the proper abandonment of the monitoring wells and the proper removal of the stream gauging device. Well abandonment forms and a brief narrative related to the stream gauge removal must accompany the recorded deed restriction. If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,

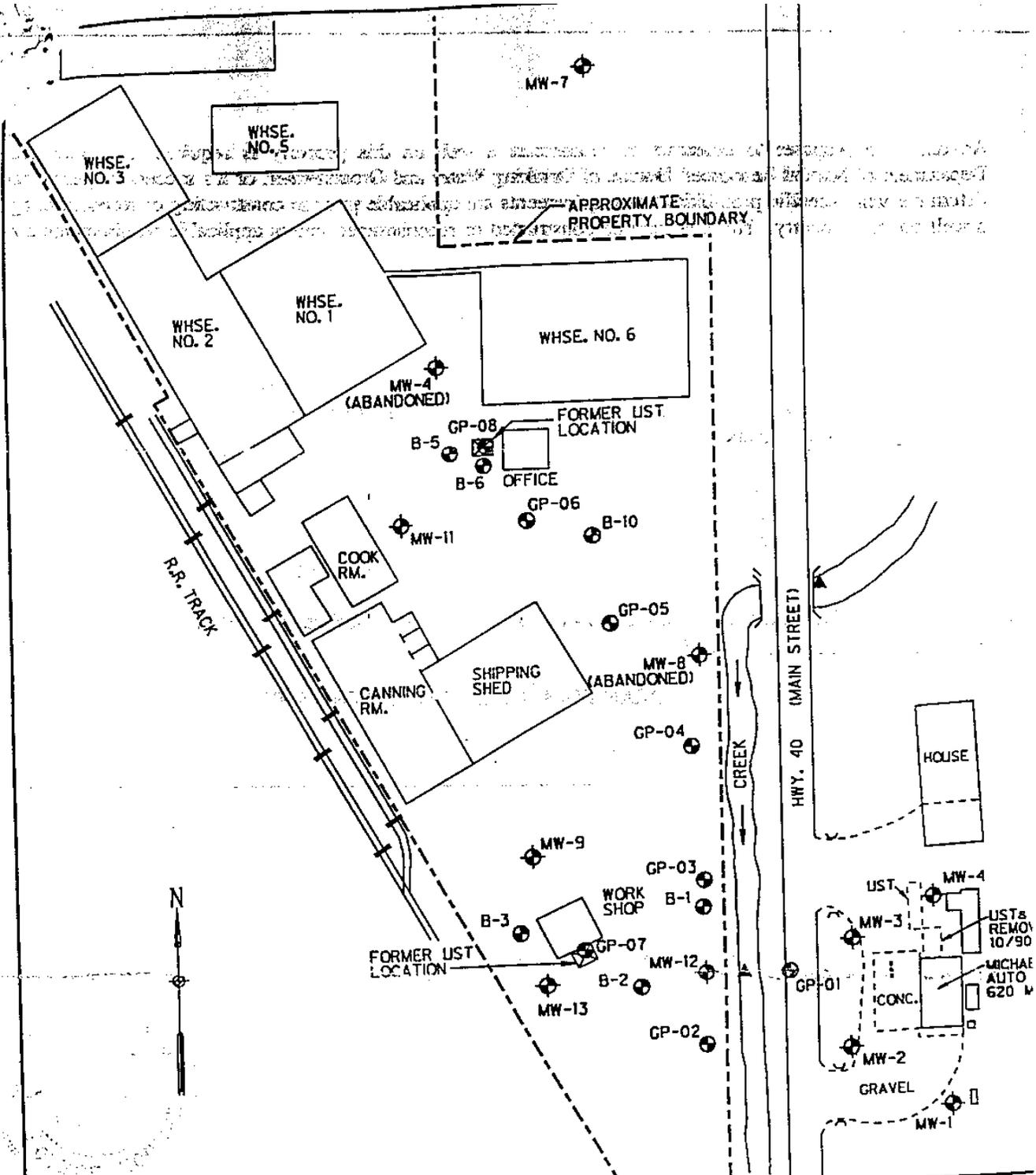
A handwritten signature in cursive script, appearing to read "John R. Grump".

John R. Grump
Hydrogeologist

Enclosure

JRG/ah

c: Bill Evans
Richard Panosh, F&VD
Linda Meyer



LEGEND

- B-3 ● SOIL BORINGS
- MW-13 ● MONITORING WELL LOCATION
- ▲ STREAM STAGE MEASUREMENT LOCATION
- GP-06 ● SOIL PROBE LOCATION

DEAN FOODS VEGETABLE CO. - BLOOMER, VT

FIGURE 2
SAMPLING LOCATIONS

Scale: 0 50' 100'	Date: DECEMBER, 1995
Prepared By: Foth & Van Dyke	By: 95L

DOCUMENT NO.

560930

DECLARATION OF RESTRICTIONS

In Re:

A parcel of land being part of the SE¼ of the NE¼ and the NE¼ of the SE¼ of Section 5, Township 30 North, Range 9 West, City of Bloomer, Chippewa County, Wisconsin, described as follows:

Commencing at the Northeast corner of Lot 2, Certified Survey Map #859, recorded in Volume 3 of Certified Survey Maps, Page 92, as Document #487421, thence N 89° 44' 04" W, 458.07 feet; thence S 24° 50' 04" E, 618.48 feet; thence S 65° 09' 56" W, 20.00 feet; thence S 24° 50' 04" E, 108.38 feet; thence S 90° 00' 00" E, 90.07 feet; thence S 76° 41' 05" E, 134.87 feet; thence S 89° 52' 44" E, 47.50 feet; thence N 62° 59' 21" E, 112.63 feet; thence N 0° 02' 23" E, 162.38 feet; thence N 89° 44' 04" W, 196.48 feet; thence N 0° 00' 49" W, 132.00 feet; thence N 89° 44' 04" W, 3.40 feet; thence N 0° 15' 56" E, 350.62 feet to the point of beginning.

STATE OF WISCONSIN)
) ss.
 COUNTY OF CHIPPEWA)

WHEREAS, BTL Warehouse and Distributing, LLC is the owner of the above-described property; and

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time; and

WHEREAS, one or more gasoline discharges have occurred at this property. The following petroleum constituents are found in the groundwater above NR 140 enforcement standards on this property at the following location(s): on the attached Figure 2 at GP-08: benzene, ethylbenzene, toluene and xylenes; and

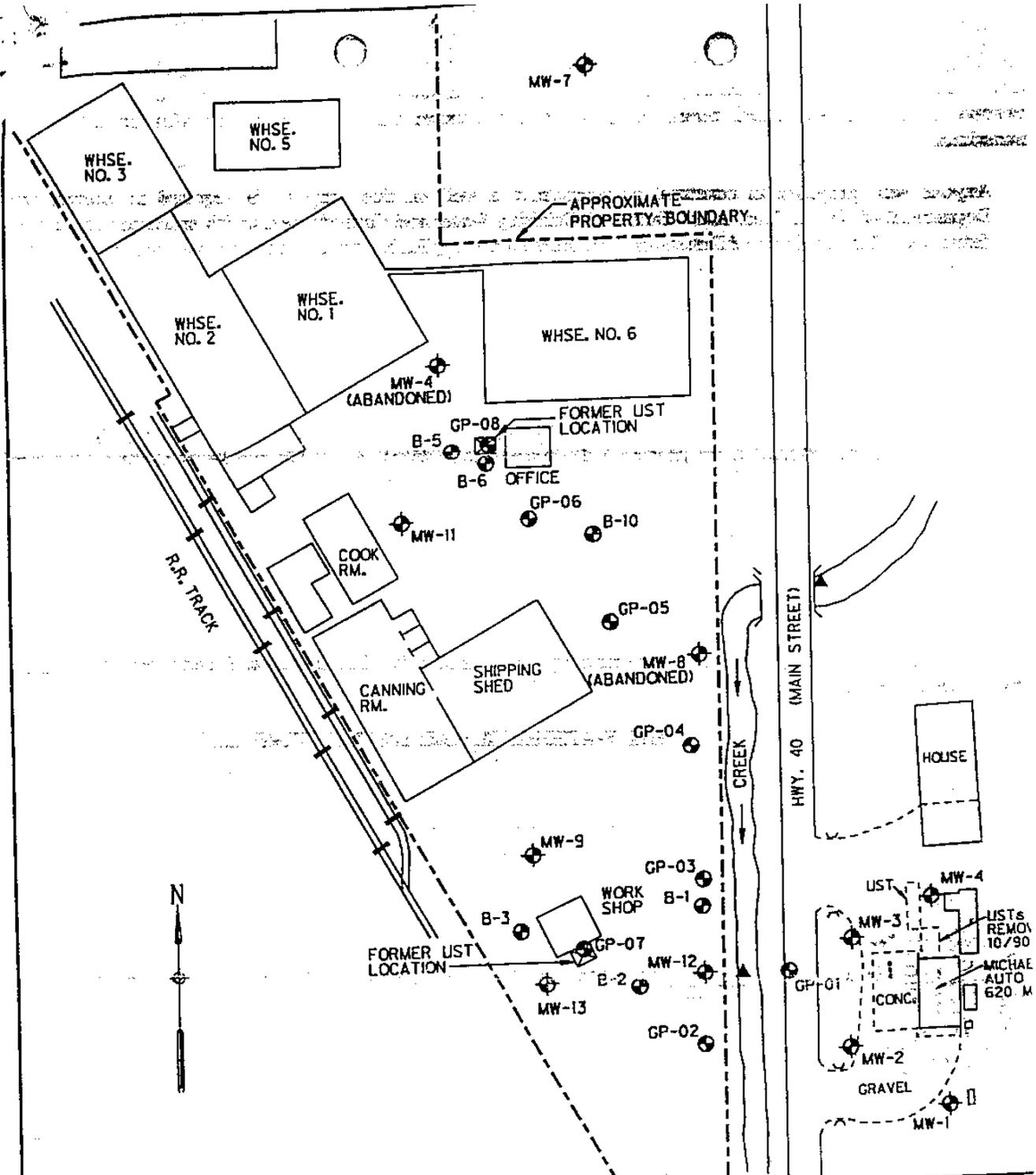
WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property; and

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 80 is restricted by ch. NR 811 and ch NR 812. Special well construction standards or water treatment requirements or both, or well construction prohibitions may apply;

Registers Office
 Chippewa County, WI } ss
 Received for Record
 the 24th day of March
 A.D. 1997 at 10³⁰ o'clock A. m.
 and recorded in vol. 858
 of Records Page 379-381
Marge K. Heinzel
 Register

RETURN TO:
 David J. Condon 14⁰⁰ pd
 P.O. Box 1656
 Green Bay, WI 54305-1656

Parcel Number: 23009-0514-0825-0000



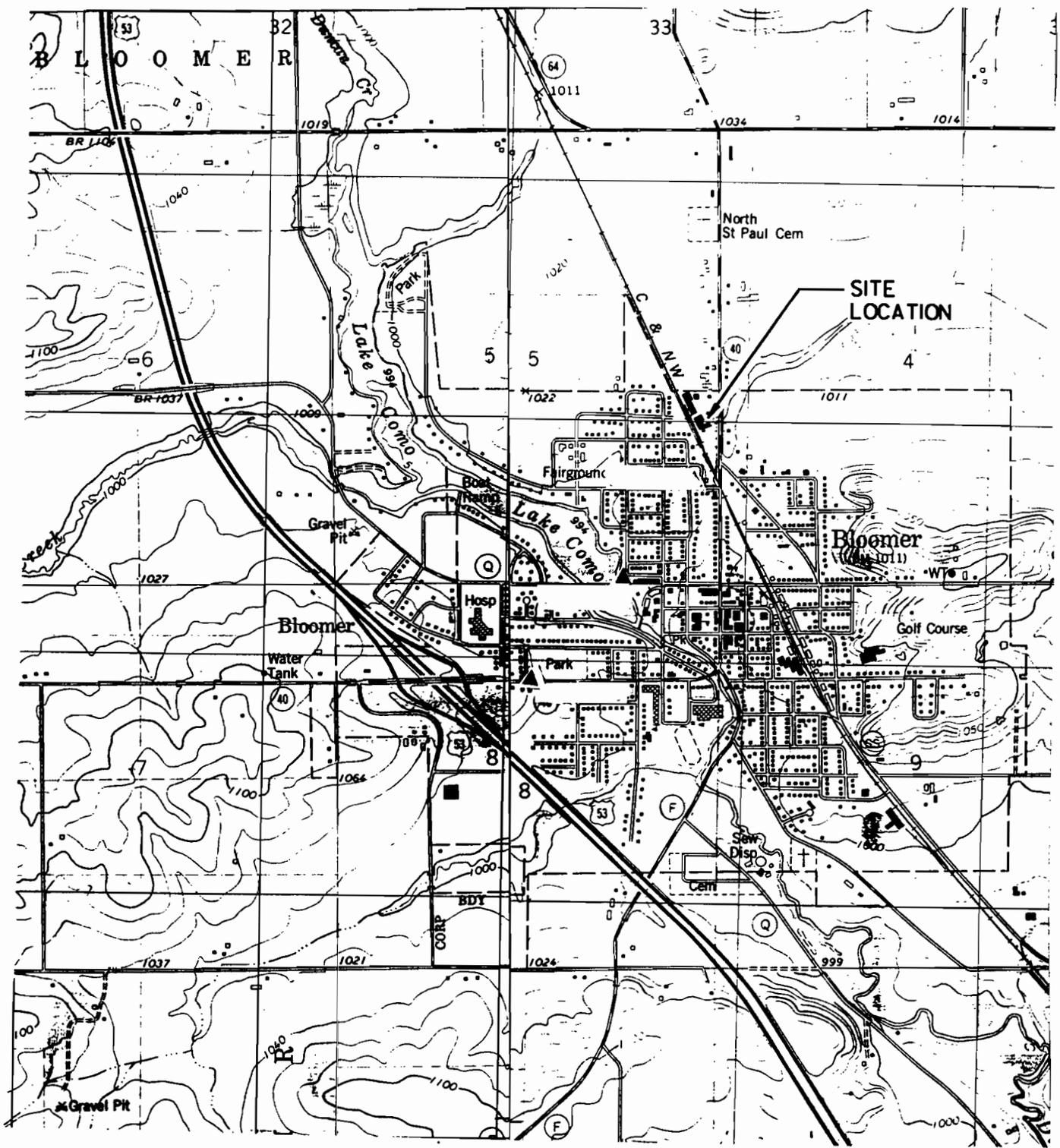
LEGEND

- B-3 ● SOIL BORINGS
- MW-13 ◆ MONITORING WELL LOCATION
- ▲ STREAM STAGE MEASUREMENT LOCATION
- GP-06 ● SOIL PROBE LOCATION

DEAN FOODS VEGETABLE CO. - BLOOMER, WI

FIGURE 2
SAMPLING LOCATIONS

Scale:		Date: DECEMBER, 19
Prepared By:	Foth & Van Dyke	By:



SOURCE: 7.5 MINUTE TOPOGRAPHIC QUADRANGLES
 BLOOMER AND COMO CREEK - 1975
 CHIPPEWA COUNTY, WISCONSIN

DEAN FOODS VEGETABLE CO. - BLOOMER, WI.

FIGURE 1
 SITE LOCATION

Scale:  Date: DECEMBER, 1996

Prepared By: Foth & Van Dyke By: JOW

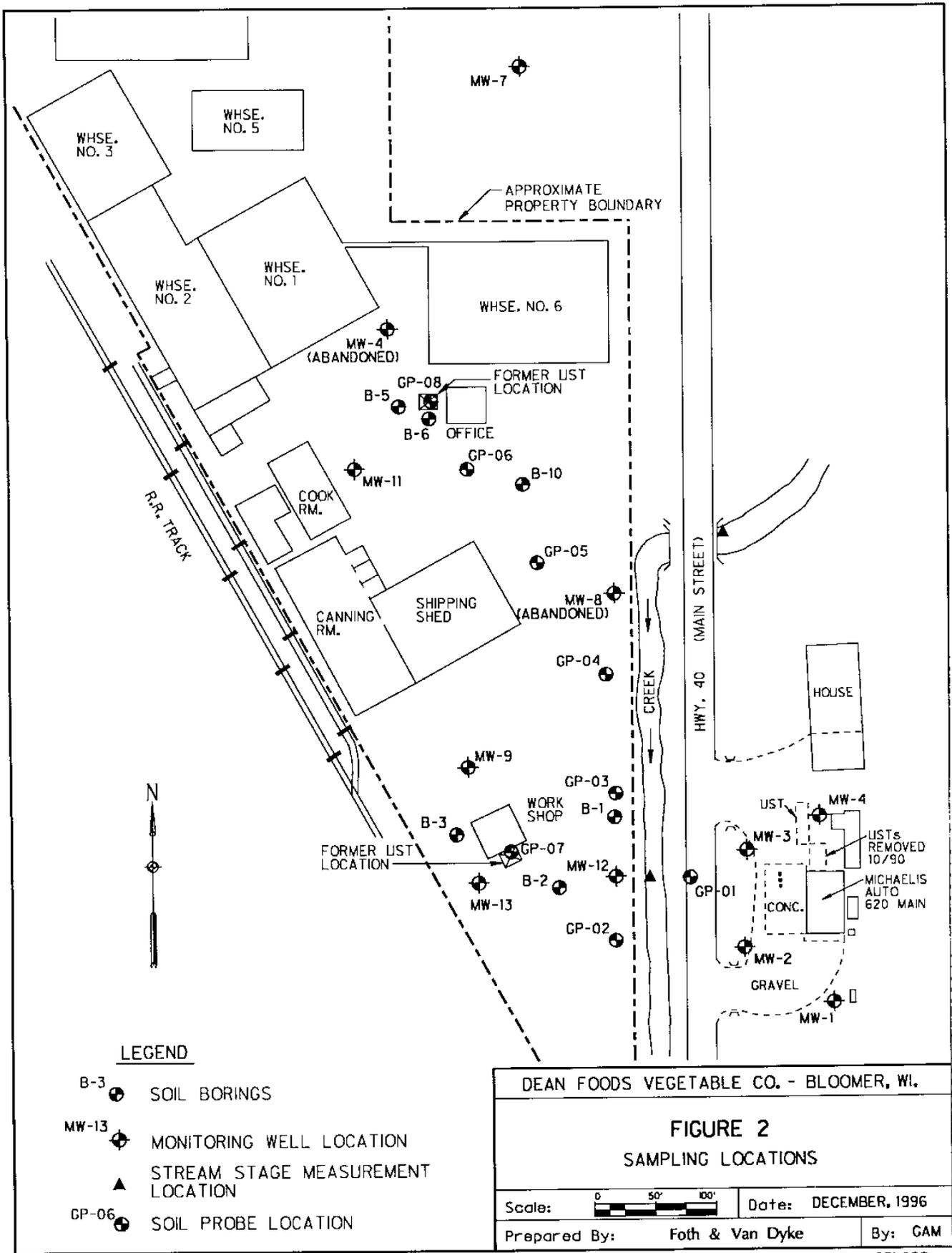


Table 3
Groundwater Sampling Results Summary
April 23-24, 1996
Dean Foods Vegetable Company
Bloomer, Wisconsin

Sample ID	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl tert-butyl ether (µg/L)	1,2,4-Tri-methylbenzene (µg/L)	1,3,5-Tri-methylbenzene (µg/L)	m- & p-Xylene (µg/L)	o-Xylene (µg/L)	Toluene (µg/L)
Geoprobe Samples									
GP-01	04/23/96	4.4	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-02	04/23/96	2.3	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-03	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-04	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-05	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-06	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-07	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
GP-08	04/23/96	<32	1700	<28	3100	870	7400	2800	2100
Monitoring Well Samples									
MW-09	04/24/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
MW-11	04/24/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
MW-12	04/24/96	74	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	0.82
MW-13	04/24/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
Quality Assurance/Quality Control Samples									
Duplicate:									
GP-808	04/23/96	<32	1900	<28	3300	960	8100	3000	2400
MW-12012	04/24/96	70	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	0.82
Equipment Blank:									
Rinsate	04/23/96	<0.32	2.2	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
Trip Blank	04/23/96	<0.32	<0.34	<0.28	<0.38	<0.25	<0.59	<0.29	<0.27
Wisconsin Groundwater Quality Standards, NR 140.10									
Preventive Action Limit		0.5	140	12	NE	NE	(124)	(124)	68.6
Enforcement Standard		5	700	60	NE	NE	(620)	(620)	343

< : Constituent was not identified above the detection limit shown.
µg/l : Micrograms per liter.
NE : Groundwater quality standard has not been established.
() : Groundwater quality standard has been established for total xylenes.

Table 4

Groundwater Analytical Results Summary
 Detected Parameters at Monitoring Wells
 Dean Foods Vegetable Company
 Bloomer, Wisconsin

MW-7			Benzene	Ethylbenzene	Toluene	Xylenes	GRO
Parameter							
ES			5	700	343	620	X
Ortek	05/17/89		ND	ND	ND	ND	NS
Ortek	07/11/89		ND	ND	ND	ND	NS
Ortek	11/09/89		ND	ND	ND	ND	NS
Ortek	04/03/90		ND	ND	ND	ND	NS
Baywest	11/06/92		ND	ND	ND	ND	ND

MW-8			Benzene	Ethylbenzene	Toluene	Xylenes	THC as gasoline
Parameter							
ES			5	700	343	620	X
Ortek	05/17/89		ND	3.8	2.6	21	NS

Note: Well abandoned in 1992

MW-9			Benzene	Ethylbenzene	Toluene	Xylenes	Dichlorodifluoro- methane	THC as gasoline	GRO
Parameter									
ES			5	700	343	620	1000	X	X
PACE	02/07/91		ND	ND	ND	ND	34	NS	NS
Baywest	05/06/92		ND	ND	ND	ND	NS	NS	ND
NLS	04/24/96		ND	ND	ND	ND	NS	NS	NS

MW-11			Benzene	Ethylbenzene	Toluene	Xylenes	GRO
Parameter							
ES			5	700	343	620	X
Ortek	05/17/89		ND	ND	ND	ND	NS
Ortek	07/11/89		ND	ND	ND	ND	NS
Ortek	04/03/90		ND	ND	ND	ND	NS
Baywest	05/06/92		ND	ND	ND	ND	ND
NLS	04/24/96		ND	ND	ND	ND	NS

Table 4 (Continued)

MW-12									
Parameter		Benzene	Ethylbenzene	Toluene	Xylenes	MTBE	1,2,4 TMB	THC as gasoline	GRO
ES		5	700	343	620	60	X	X	X
Ortek	05/17/89	200	ND	ND	ND	NS	NS	NS	NS
Ortek	07/11/89	ND	ND	ND	ND	NS	NS	NS	NS
Ortek	11/09/89	25	ND	ND	ND	NS	NS	NS	NS
Ortek	04/03/90	21	ND	ND	ND	NS	NS	NS	NS
PACE	11/13/91	130	ND	ND	ND	ND	ND	570	NS
Baywest	05/06/92	620	ND	4	ND	14	NS	NS	1500
Baywest	11/06/92	370	13	2.3	1.4	41	1.8	NS	1100
Baywest	05/12/93	550	ND	1.2	ND	5.2	NS	NS	NS
Baywest	11/29/93	340	ND	ND	ND	11	ND	NS	NS
Baywest	05/23/94	220	ND	ND	ND	ND	ND	NS	NS
Baywest	11/16/94	81	ND	ND	ND	11	ND	NS	NS
Am Sci	05/23/95	43	ND	ND	ND	ND	ND	NS	NS
PACE	11/29/95	70	ND	ND	ND	ND	ND	NS	NS
NLS	04/24/96	74	ND	0.82	ND	ND	ND	NS	NS

MW-13								
Parameter		Benzene	Ethylbenzene	Toluene	Xylenes			GRO
ES		5	700	343	620			X
Ortek	05/17/89	ND	ND	ND	ND			NS
Ortek	07/11/89	ND	ND	9.0	ND			NS
Ortek	04/03/90	ND	ND	ND	ND			NS
Baywest	05/06/92	ND	ND	ND	ND			ND
NLS	04/24/96	ND	ND	ND	ND			NS

Dup-1 (MW-12)								
Parameter		Benzene	Ethylbenzene	Toluene	Xylenes	MTBE	THC as gasoline	GRO
ES		5	700	343	620	60	X	X
PACE	11/13/91	130	ND	ND	ND	NS	520	NS
Baywest	05/06/92	520	ND	3.3	ND	12	NS	1300
Baywest	11/06/92	390	13	2.4	1.4	43	NS	1200
NLS	04/24/96	70	ND	0.82	ND	ND	NS	NS

Table 4 (Continued)

Field Blank						THC as gasoline	
Parameter		Benzene	Ethylbenzene	Toluene	Xylenes		GRO
ES		5	700	343	620	X	X
Ortek	05/17/89	NS	NS	NS	NS	NS	NS
Ortek	07/11/89	ND	ND	ND	ND	NS	NS
Ortek	11/09/89	ND	ND	1	1	NS	NS
PACE	11/13/91	ND	ND	ND	ND	ND	NS
Baywest	05/06/92	ND	ND	ND	ND	NS	ND
Baywest	11/06/92	ND	ND	ND	ND	NS	NS
Baywest	05/12/93	ND	ND	3.4	ND	NS	NS
Baywest	11/29/93	ND	ND	ND	ND	NS	NS
Baywest	05/23/94	ND	ND	ND	ND	NS	NS
Baywest	11/16/94	ND	ND	ND	ND	NS	NS
Am Sci	05/23/95	ND	ND	ND	ND	NS	NS
PACE	11/29/95	ND	ND	ND	ND	NS	ND

Trip Blank						Dichlorodifluoro- methane	THC as gasoline
Parameter		Benzene	Ethylbenzene	Toluene	Xylenes		
ES		ND	700	343	620	1000	X
Ortek	05/17/89	ND	ND	ND	ND	NS	NS
Ortek	07/11/89	ND	ND	ND	ND	NS	NS
Ortek	11/09/89	ND	ND	ND	ND	NS	NS
Ortek	04/03/90	ND	ND	ND	ND	NS	NS
PACE	02/07/91	ND	ND	ND	ND	ND	NS
PACE	11/13/91	ND	ND	ND	ND	NS	ND
Baywest	05/06/92	ND	ND	ND	ND	NS	NS
Baywest	11/06/92	ND	ND	ND	ND	NS	NS
Baywest	05/12/93	ND	ND	ND	ND	NS	NS
Baywest	11/29/93	ND	ND	ND	ND	NS	NS
Baywest	05/23/94	ND	ND	ND	ND	NS	NS
Baywest	11/16/94	ND	ND	ND	ND	NS	NS
Am Sci	05/23/95	ND	ND	ND	ND	NS	NS
PACE	11/29/95	ND	ND	ND	ND	NS	NS
NLS	04/24/96	ND	ND	ND	ND	NS	NS

All values are in micrograms per liter (ug/l), which is parts per billion (ppb)

ES : Enforcement Standard, Wisconsin Department of Natural Resources NR 140.10, Register, September 1995, No. 477

NS : Not sampled or tested

ND : Not detected at or above the laboratory method detection limit

X : No standard established

THC : Total Hydrocarbons as gasoline

GRO : Gasoline Range Organics

Am Sci : American Science Corporation

NLS : Northern Lake Service

MTBE : Methyl tert butyl ether

TMB : Trimethylbenzene

NOTES:

- MW-9 was sampled on 4/2/91 for semivolatile organics (EPA Method 8270) and had no detected parameters.
- The parameter GRO has been submitted for THC in the 05/06/92, 11/06/92, and 05/12/93 sampling events.

Table 5

Soil Sampling Results
 PVOCs and TPH
 Dean Foods Vegetable Company
 Bloomer, Wisconsin

Sampling Location	Sampling Date	Sampling Depth (feet)	Soil Type	Field PID (ppm)	Benzene (µg/kg)	MTBE (µg/kg)	Ethyl-benzene (µg/kg)	Toluene (µg/kg)	1,2,4-TMB (µg/kg)	1,3,5-TMB (µg/kg)	m- & p-Xylene (µg/kg)	o-Xylene (µg/kg)	TPH (mg/kg)
Soil Borings													
GP-07	04/23/96	5-7	f. sand	1.7	<20	<21	<12	<11	<14	<17	<24	<15	NA
GP-08	04/23/96	5-7	silty f. sand	126	<20	<21	<12	<11	45	<17	<24	<15	NA
B-5	05/16/89	5-7	f. to m. sand	0	<1.0	NA	NA	NA	NA	NA	NA	NA	<5.0
B-6	05/16/89	7.5-9.5	f. to m. sand	10	12	NA	NA	NA	NA	NA	NA	NA	12
		10-12	f. to m. sand	5	20	NA	NA	NA	NA	NA	NA	NA	<5.0
B-1	03/14/89	5-6.5	sand & org. clay	NA	<5.0	NA	<10	<5.0	NA	NA	<10 ¹	<10 ¹	NA
B-2	03/14/89	2.5-4	silty f. to m. sand	NA	<5.0	NA	<10	<5.0	NA	NA	<10 ¹	<10 ¹	NA
		5-6.5	f. to m. sand	NA	<5.0	NA	<10	<5.0	NA	NA	<10 ¹	<10 ¹	NA
B-3	03/14/89	2.5-4	f. sand	NA	<5.0	NA	<10	11	NA	NA	28 ¹	28 ¹	NA
		7.5-9	m. to c. sand	NA	<5.0	NA	<10	<5.0	NA	NA	<10 ¹	<10 ¹	NA
		10-11.5	silty sand	NA	<5.0	NA	<10	<5.0	NA	NA	<10 ¹	<10 ¹	NA
Closure Assessment²													
Tank 1	04/06/89												
East End		10.5	Sand	NA	<240	NA	180	580	NA	NA	1500 ¹	1500 ¹	6.6
West End		10.5	Sand	NA	<60	NA	<40	56	NA	NA	400 ¹	400 ¹	2.8
Tank 2	04/06/89												
Bottom		10	Sand	NA	<0.6	NA	<0.4	<0.5	NA	NA	4.0 ¹	4.0 ¹	0.034
Quality Assurance/Quality Control Samples													
MeOH Blank	04/23/96	--	--	--	<20	<21	<12	<11	<14	<17	<24	<15	NA

Table 5 (Continued)

Sampling Location	Sampling Date	Sampling Depth (feet)	Soil Type	Field PID (ppm)	Benzene (µg/kg)	MTBE (µg/kg)	Ethyl-benzene (µg/kg)	Toluene (µg/kg)	1,2,4-TMB (µg/kg)	1,3,5-TMB (µg/kg)	m- & p-Xylene (µg/kg)	o-Xylene (µg/kg)	TPH (mg/kg)
Wisconsin Soil Standards³													
					5.5	NE	2,900	1,500	NE	NE	4,100 ⁴	4,100 ⁴	NE

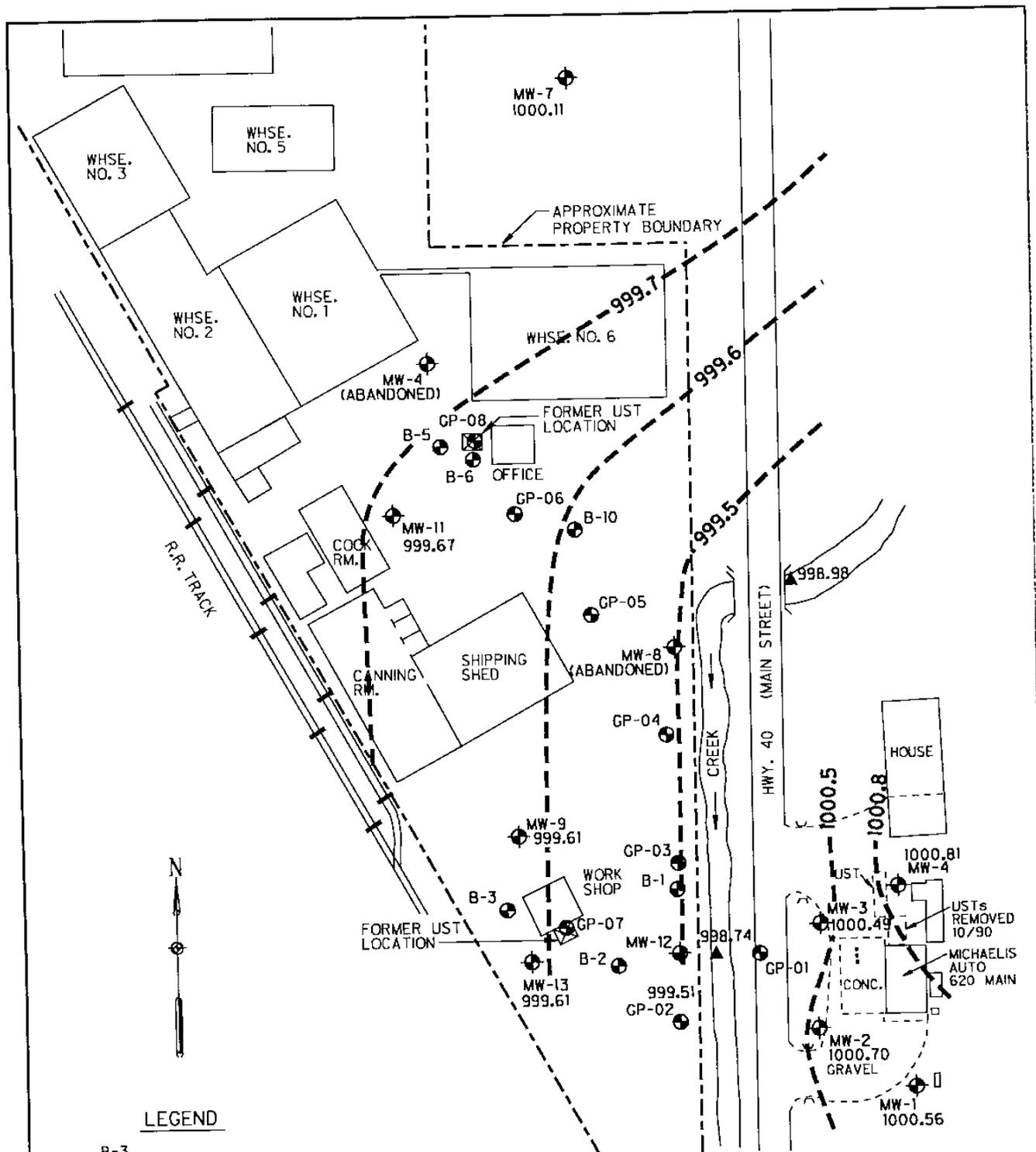
GP : Geoprobe® boring
NA : Not available
< : Compound was not identified above the detection limit shown
µg/kg : Micrograms per kilogram
mg/kg : Milligrams per kilogram
MTBE : Methyl tert-butyl ether
TMB : Trimethylbenzene
TPH : Total petroleum hydrocarbons
MeOH : Methanol

PID : Photoionization detection
PVOC : Petroleum volatile organic compounds
NE : Standard not established
¹ : Value represents total xylenes concentration
² : Closure Assessment samples collected during the tanks removal activity. Tank 1 refers to former gasoline UST. Tank 2 refers to former fuel oil UST.
³ : Based upon Chapter NR 720 generic soil cleanup standards
⁴ : Standard is established for total xylenes.

Table 1
Groundwater Elevations Summary
Dean Foods Vegetable Company
Bloomer, Wisconsin

	MW-7	MW-9	MW-11	MW-12	MW-13 ¹	MW-1 ²	MW-2 ²	MW-3 ²	MW-4 ²
Top of PVC Elevation (Feet-MSL) ³	1010.19	1008.95	1006.95	1006.22	1004.95	1006.60	1005.18	1005.96	1006.93
Top of Screen Elevation (Feet-MSL) ⁴	1003.1	1000.7	1001.9	999.2	1000.5	1000.8	1000.0	1000.8	1000.6
Total Depth From Top of PVC (Feet) ⁵	17.1	18.3	15.1	17.0	14.6	10.9	10.3	10.2	11.2
Depth to Water (ft) 11/29/95	10.61	9.88	7.68	7.22	NA	7.38	6.09	6.70	7.51
Depth to Water (ft) 04/23/96	10.08	9.34	7.28	6.71	5.34*	6.04	4.48	5.47	6.09
Groundwater Elevations (Feet-MSL)⁶									
04/23/96	1000.11	999.61	999.67	999.51	999.61	1000.56	1000.70	1000.49	1000.84
11/29/95	999.58	999.07	999.27	999.00	NA	999.22	999.09	999.26	999.42
05/23/95	998.91	998.50	NA	998.44	NA	NA	NA	NA	NA
11/16/94	996.69	998.03	NA	997.98	NA	NA	NA	NA	NA
05/23/94	998.77	998.67	NA	998.52	NA	NA	NA	NA	NA
11/29/93	999.19	998.63	NA	998.51	NA	NA	NA	NA	NA
05/12/93	999.80	999.21	NA	999.11	NA	NA	NA	NA	NA
12/02/92	999.39	998.83	NA	998.76	NA	NA	NA	NA	NA
05/06/92	1000.38	999.65	999.83	999.51	NA	NA	NA	NA	NA

- NA : Not available
¹ : Unable to locate MW-13 on 11/29/95. Top of PVC resurveyed on 05/29/96.
² : Wells MW-1, MW-2, MW-3 and MW-4 located on Michealis Auto Site.
³ : Top of PVC well casing resurveyed on 11/29/95
⁴ : Estimated from monitoring well construction diagrams.
⁵ : Estimated from monitoring well construction diagrams, well development forms or direct measurement.
⁶ : Pre 11/29/95 elevation calculations assume the top of PVC elevation has remained constant.
* : 04/24/96



LEGEND

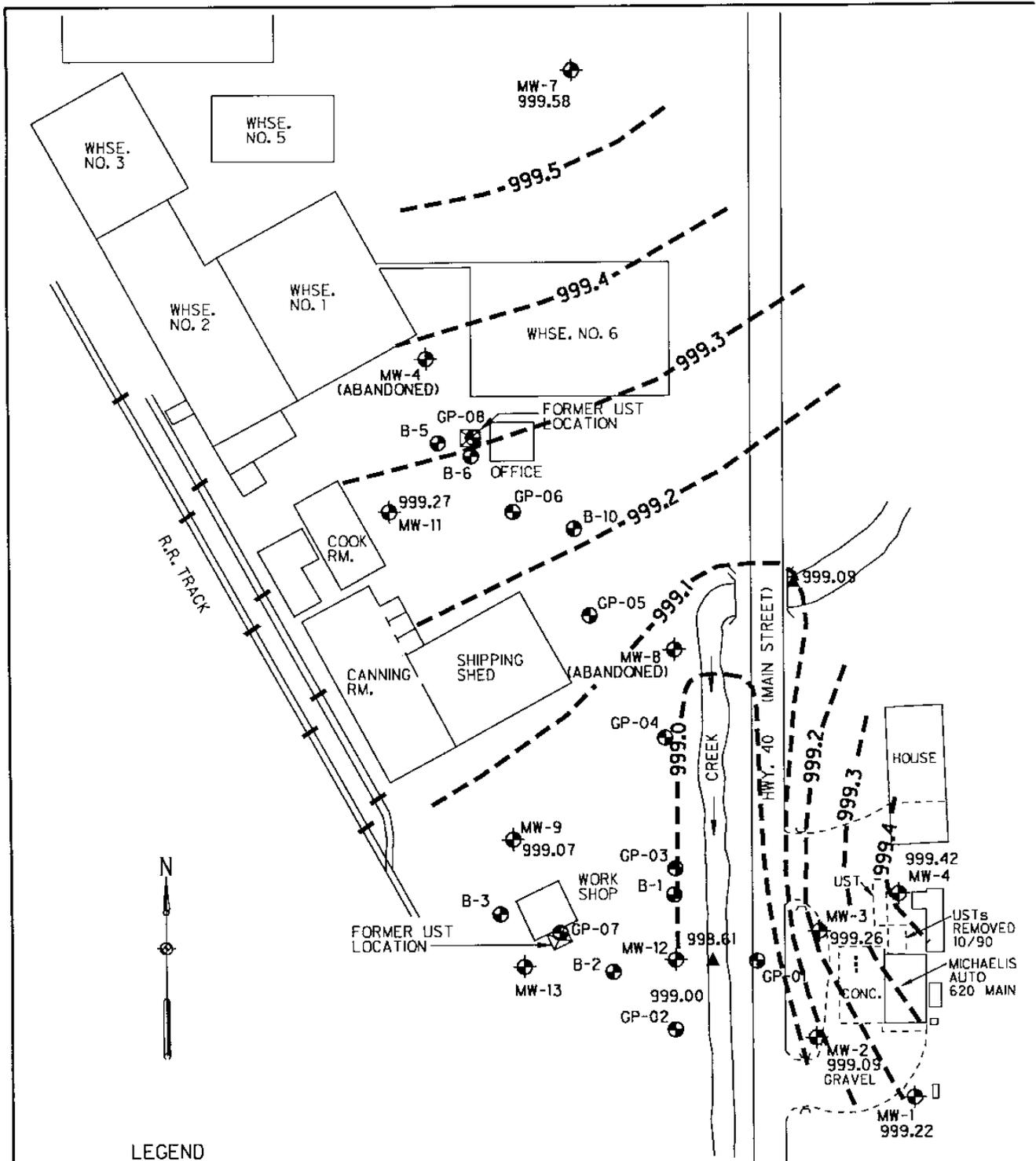
- B-3 ● SOIL BORINGS
- GP-06 ● SOIL PROBE LOCATION
- MW-13 ● MONITORING WELL LOCATION AND GROUNDWATER ELEVATION (FT. MSL)
- 999.75 ▲ STREAM STAGE MEASUREMENT LOCATION
- 998.74 ▲
- 999.5 - INFERRED GROUNDWATER CONTOUR

DEAN FOODS VEGETABLE CO. - BLOOMER, WI.

FIGURE 3
GROUNDWATER CONTOUR MAP
APRIL, 23, 1996

Scale:	Date: DECEMBER, 1996
Prepared By: Foth & Van Dyke	By: GAM

95L029



LEGEND

- B-3 ● SOIL BORINGS
- MW-13 ● MONITORING WELL LOCATION AND GROUNDWATER ELEVATION (FT. MSL)
- 999.00 ●
- 998.61 ▲ STREAM STAGE MEASUREMENT LOCATION
- 999.5 - INFERRED GROUNDWATER CONTOUR

DEAN FOODS VEGETABLE CO. - BLOOMER, WI.

FIGURE 4
GROUNDWATER CONTOUR MAP
NOVEMBER 29, 1995

Scale: 0 50' 100'

Date: DECEMBER, 1996

Prepared By: Foth & Van Dyke

By: JRB2

