

## GIS REGISTRY INFORMATION

<b>SITE NAME:</b>	City of Elkhorn								
<b>BRRTS #:</b>	03-65-270763								
<b>COMMERCE #</b> (if appropriate):	53121-1734-15								
<b>CLOSURE DATE:</b>	September 17, 2003								
<b>STREET ADDRESS:</b>	15 E Walworth St								
<b>CITY:</b>	Elkhorn								
<b>SOURCE PROPERTY GPS COORDINATES</b> (meters in WTM91 projection):		X =	639407		Y =	245406			
<b>CONTAMINATED MEDIA:</b>	Groundwater	<input type="checkbox"/>	N	Soil	<input type="checkbox"/>	Y	Both	<input type="checkbox"/>	
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>			N			No			
• IF YES, STREET ADDRESS:									
• GPS COORDINATES (meters in WTM91 projection):									
	X =				Y =				
<b>OFF-SOURCE SOIL CONTAMINATION &gt;Generic or Site-Specific RCL (SSRCL):</b>			N			No			
• IF YES, STREET ADDRESS 1:									
• GPS COORDINATES (meters in WTM91 projection):									
	X =				Y =				
<b>CONTAMINATION IN RIGHT OF WAY:</b>	Yes	<input type="checkbox"/>	It is a ROW	No	<input type="checkbox"/>				
<b>DOCUMENTS NEEDED</b>									
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 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 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 checked="" type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present									<input 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 type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour									<input 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 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"/>



commerce.wi.gov

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  
Jim Doyle, Governor  
Mary P. Burke, Secretary

December 28, 2005

Mr. Samuel Tapson Jr.  
City of Elkhorn  
9 S. Broad St.  
PO Box 920  
Elkhorn, WI 53121-0920

RE: **Final Closure**

**Commerce # 53121-1734-15**      **WDNR BRRTS # 03-65-270763**  
City of Elkhorn, 15 E. Walworth St., Elkhorn

Dear Mr. Tapson:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site. Commerce apologizes for the delay in responding to your request; the monitoring well abandonment form was misfiled. 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 (414) 220-5375.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Michael".

Greg Michael  
Hydrogeologist  
Site Review Section

cc: Ayres Associates - Environmental Engineering  
Case File



August 20, 2003

Mr. Sam Tapson  
City of Elkhorn  
P.O. Box 920  
Elkhorn, WI 53121-0920

Re: GIS Registry Information  
15 East Walworth Street, Elkhorn, Wisconsin  
WDNR BRRTS #53121-1734-15A

Dear Mr. Tapson,

The City of Elkhorn received a letter from the Wisconsin Department of Natural Resources dated July 25, 2003 requesting additional information regarding GIS registry of the above referenced site. This letter is in response to your request for additional information.

The geographic position of the area of contamination within the right-of-way is required for GIS registration. The WTM91 projection coordinates for the area of interest are 639407, 245406. Geographic position coordinates were obtained from WDNR's GIS registry website.

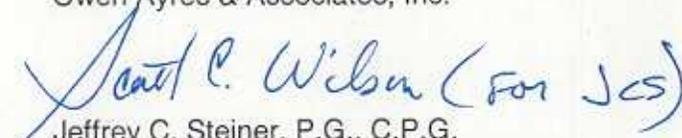
Attached is a map showing the project location. Also included is a map of the site area showing sample and well locations and the approximate area of soil impacts (sample locations B-2 and MW-1). Tables included in the attached report contain the most recent soil and ground water data.

Geologic cross-sections can not be provided for this site, as detailed geologic information is not available for probes advanced by others. An isoconcentration map of contaminant concentrations in ground water can not be provided. There are insufficient wells and data to perform any kind of spatial analysis. In addition, a water table contour map can not be provided, as there is only one well at the site and three wells are required to determine ground water flow direction.

Please call if you have any additional questions.

Sincerely,

Owen Ayres & Associates, Inc.

  
Jeffrey C. Steiner, P.G., C.P.G.  
Senior Hydrogeologist/Project Manager

JCS:sla

Enclosure

**Table 1**  
**Summary of Soil Analytical Detections**

Probe Number	Analytical Result (mg/Kg)		NR 720 RCL
	MW-1	MW-1	
Sample Depth (feet)	6-8	10-12	
Compound (PVOCs)			
GRO	<b>640</b>	<0.025	100
Ethylbenzene	<b>16</b>	<0.025	2.9
Naphthalene	16	<0.025	ns
Toluene	<b>1.8</b>	<0.025	1.5
Trimethylbenzenes	92	<0.025	ns
Xylenes	<b>87</b>	0.052	4.1

**BOLD** Exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)  
 ns No NR 720 Wisconsin Administrative Code Residual Contaminant Level Established  
 RCL NR 720 Wisconsin Administrative Code Residual Contaminant Level based on protection of ground water.  
 < Result is less than method detection limit.

**Table 2**  
**Summary of Analytical Detections in Groundwater**  
**Volatile Organic Compounds**  
**December 2003**

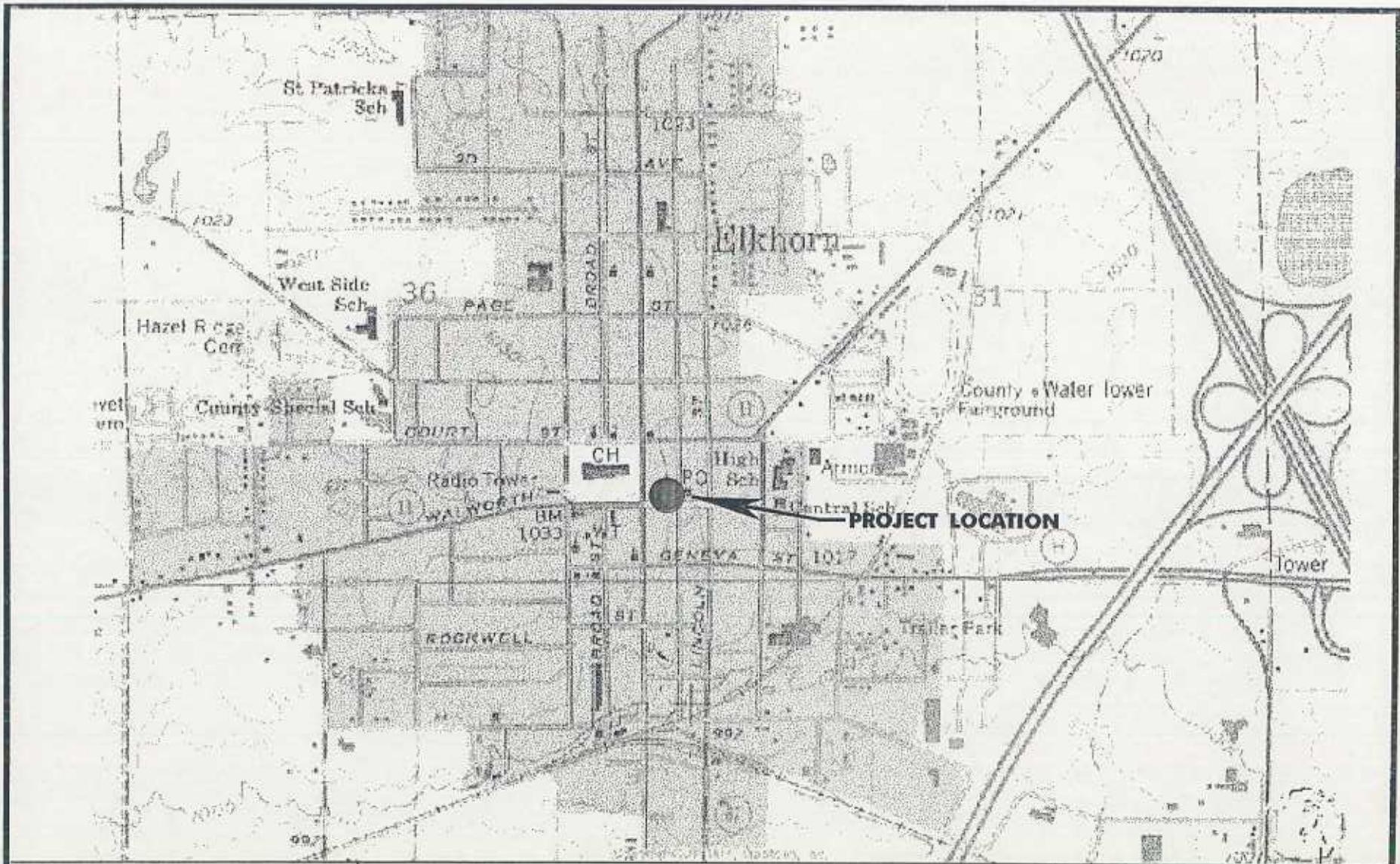
Sample Number	NR 140 Groundwater Standard		
	MW-1	ES	PAL
Sample Date	12/22/03		
VOCs (ug/L)			
n-Butylbenzene	3.0	ns	ns
Ethylbenzene	21.0	700	140
Isopropylbenzene	2.7	ns	ns
Toluene	2.0	1,000	200
Naphthalene	6.8	40	8
n-Propylbenzene	6.3	ns	ns
Xylenes	169	10,000	1,000
Trimethylbenzenes	28.2	480	96

**BOLD**

ns

<

Exceeds NR 140 Wisconsin Administrative Code groundwater  
 No NR 140 Wisconsin Administrative Code groundwater  
 Indicates concentration below method detection limit shown  
 Sample results reported as ug/L (parts per billion)



**AYRES**  
ASSOCIATES



SITE LOCATION

MAPPING SOURCE:  
USGS 7.5 MINUTE  
TOPOGRAPHIC QUADRANGLE  
ELKHORN, WISCONSIN



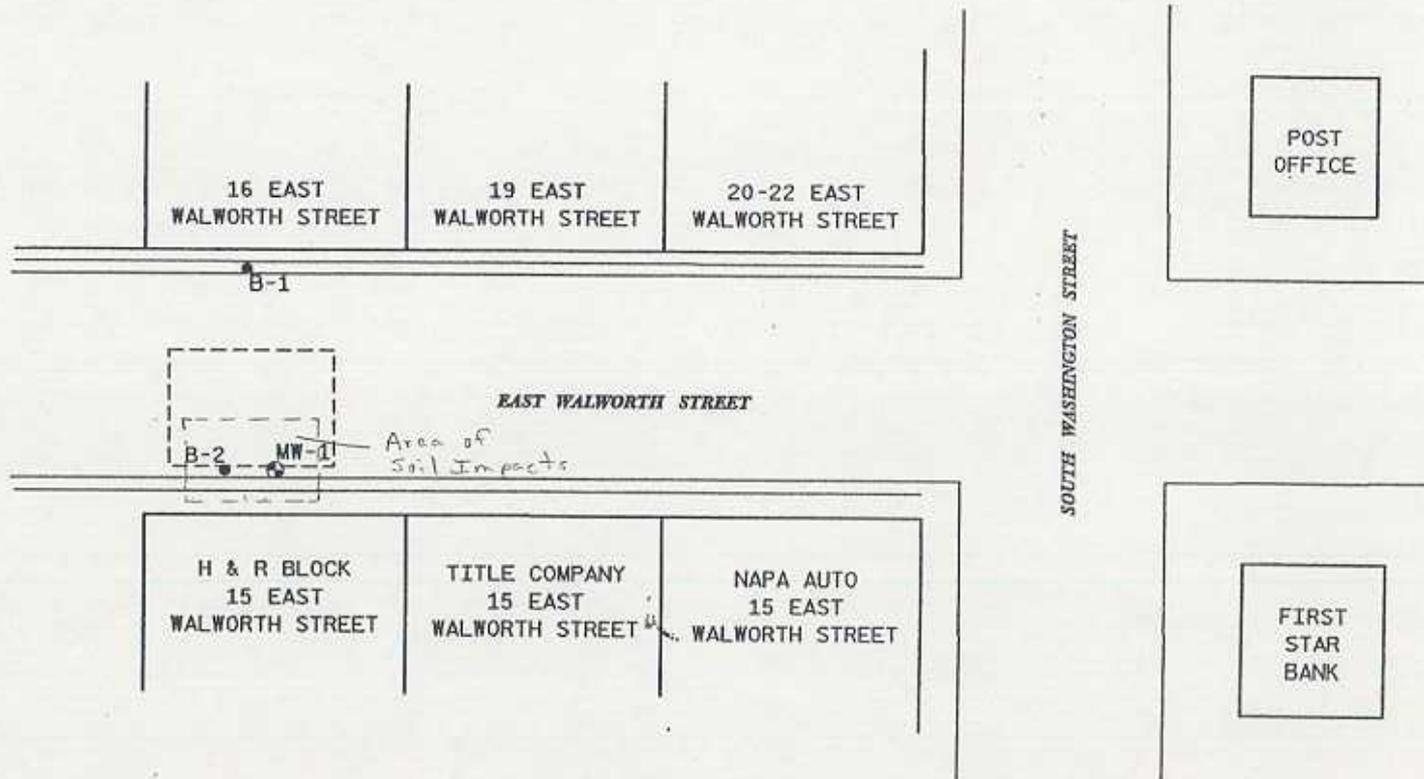
NOT TO SCALE

**FIGURE 1**  
**PROJECT LOCATION**

CITY OF ELKHORN

DATE: 06-12-03  
JOB NUMBER: 53-0383.00

#FILES  
#PEN  
#DATE  
#TIMES



**AYRES**  
ASSOCIATES



MAPPING SOURCE:  
AYRES ASSOCIATES  
FIELD NOTES



NOT TO SCALE

**FIGURE 2**  
**PROBE & WELL LOCATIONS**

CITY OF ELKHORN

DATE: 06-12-03  
JOB NUMBER: 53-0393.00

**Table 1**  
**Summary of Soil Analytical Detections**  
**Petroleum Volatile Organic Compounds and GRO**  
**December 2003**

Probe Number	Analytical Result (mg/Kg)		NR 746 SSL
	MW-1	MW-1	
Sample Depth (feet)	6-8	10-12	
Compound (PVOCs)			
GRO	640	<0.025	---
Ethylbenzene	16	<0.025	4.6
Naphthalene	16	<0.025	2.7
Toluene	1.8	<0.025	38.0
1,2,4-Trimethylbenzene	69	<0.025	83
1,3,5-Trimethylbenzene	23	<0.025	11
Xylenes	87	0.052	42

**BOLD**  
 ns  
 SSL  
 <

Exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)  
 No NR 720 Wisconsin Administrative Code Residual Contaminant Level Established  
 NR 746 Wisconsin Administrative Code Soil Screening Levels.  
 Result is less than method detection limit.

**Table 2**  
**Summary of Analytical Detections in Groundwater**  
**Volatile Organic Compounds**  
**December 2003**

Sample Number	NR 140 Groundwater Standard		
	MW-1	ES	PAL
Sample Date	12/22/03		
VOCs (ug/L)			
n-Butylbenzene	3.0	ns	ns
Ethylbenzene	21.0	700	140
Isopropylbenzene	2.7	ns	ns
Toluene	2.0	1,000	200
Naphthalene	6.8	40	8
n-Propylbenzene	6.3	ns	ns
Xylenes	169	10,000	1,000
Trimethylbenzenes	28.2	480	96

**BOLD**

Exceeds NR 140 Wisconsin Administrative Code ground water enforcement standard (ES).

ns

No NR 140 Wisconsin Administrative Code ground water standard established in Wisconsin.

<

Indicates concentration below method detection limit shown. Sample results reported as ug/L (parts per billion)

Facility Name <b>City Elkhorn, Elkhorn, WI</b>			Job Number <b>53-0383.00</b>			License/Permit/Monitoring Number								
Boring Drilled by <b>On-Site Environmental Services, Inc.</b>					Date Installed <b>Dec. 20, 2002</b>									
Boring or Well Number <b>MW-1</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>		Water Level (feet) <b>9</b>		Surface Elevation (feet)						
<u>SW</u> 1/4 of <u>SE</u> 1/4 of Section <u>4</u> T <u>5</u> N R <u>14</u> E				Grid Location _____ feet N or S _____ feet E or W										
County: <b>Walworth</b>			County Code: <b>65</b>			Civil Town: <b>City of Elkhorn</b>								
Sample No.	Rec.	DEPTH (Ft)	Soil / Rock Description	Well Dia-gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties					Blow Count
									qu	W	LL	PL	P200	
1	15"	0-2	4" Asphalt. 4" -- SAND, (FILL) some gravel, dry, medium-grained, poorly graded, no odor, light brown		SP			3		D				
2	15"	2-4	2' --- 3.5' SAND, (FILL) same as above. 3.5' - 4' same as above, with some silt. light brown-		SP SM			3		D				
3	16"	4-6	SAND, trace silt, little gravel, moist, medium-grained, poorly graded, no odor, light brown		SP			5		M				
4	16"	6-8	6' --- 7' SAND, same as above, 7' --- SAND, some silt, trace clay, moist light brown, petroleum odor. (Soil sample for lab. Analysis)		SP SM			200		M				
5	18"	8-10	SILT, some clay, trace sand, wet @ 9 feet, low placticity, petroleum odor, light brown.		ML			55		W				
6	18"	10-12	SILT, same as above, saturated, no odor, light brown. (Soil sample for lab. Analysis)		ML			4		S				
7	18"	12-14	SILT, some clay, trace gravel, saturated, low to medium plasticity, dark brown.		ML			50		S				

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature:

Firm: **Owen Ayres & Associates - Madison, Wisconsin**

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeited not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.



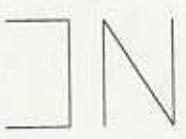
YOP 00218  
(1-3 W. Walworth)  
00221

YOP 00201	YOP 00201	YOP 00200 (5-7 E. Walworth)	YOP 00199	YOP 00198	YOP 00193 (15 E. Walworth)	YOP 00192 (23-25 E. Walworth St)
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YOP 00202 (9 S. Wisconsin)

(10-12 E. Walworth)  
(5 W. Walworth)  
(3 E. Walworth)  
(9 E. Walworth)  
(11 E. Walworth)  
(16 E. Walworth)  
(18 E. Walworth)

(7 N. Wisconsin)  
YOP 00161  
(3 N. Wisconsin)  
YOP 00161  
YOP 00162  
YOP 00163  
YOP 00164  
YOP 00165  
(20-22 E. Walworth)  
YOP 00166  
(26 Walworth)



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