



State of Wisconsin Department of Administration

Tony Evers, Governor
Kathy Blumenfeld, Secretary
Dawn Vick, Division Administrator
Division of Intergovernmental Relations

Date: July 01, 2026

PETITION FILE NO. 14851

To: ANGELA HORNBERG, CLERK
VILLAGE OF HOLMEN
PO BOX 158
HOLMEN, WI 54636-0158

MARILYN PEDRETTI, CLERK
TOWN OF HOLLAND
W7937 COUNTY RD MH
HOLMEN, WI 54636-9213

From: Municipal Boundary Review
PO Box 1645, Madison WI 53701
Voice (608) 261-6097 Fax (608) 264-6104
Email: wimunicipalboundaryreview@wi.gov
Web: <http://doa.wi.gov/municipalboundaryreview>

Subject: HEIN ANNEXATION

The proposed annexation submitted to our office on June 08, 2026, has been reviewed and found to be in the public interest. In determining whether an annexation is in the public interest, s. 66.0217 (6), Wis. Stats. requires the Department to examine "[t]he shape of the proposed annexation and the homogeneity of the territory with the annexing village or city..." so as, to ensure the resulting boundaries are rational and compact. The statute also requires the Department to consider whether the annexing city or village can provide needed municipal services to the territory. The subject petition is for territory that is reasonably shaped and contiguous to the **VILLAGE OF HOLMEN**, which is able to provide needed municipal services.

Although the territory lies within an existing town island, the proposed annexation serves to partially eliminate that irregularity and thereby improves the overall homogeneity and contiguity of the Village's boundary in this area. While town islands are generally prohibited under s. 66.0227, Wis. Stats., this proposed action does not create a new prohibited island; rather, it incrementally reduces an existing one, resulting in a more rational and compact municipal boundary consistent with s. 66.0217(6), Wis. Stats.

The Department reminds clerks of annexing municipalities of the requirements of s. 66.0217 (9)(a), Wis. Stats., which states:

"The clerk of a city or village which has annexed shall file immediately with the secretary of administration a certified copy of the ordinance, certificate and plat, and shall send one copy to each company that provides any utility service in the area that is annexed. The clerk shall record the ordinance with the register of deeds and file a signed copy of the ordinance with the clerk of any affected school district..."

State and federal aids based on population and equalized value may be significantly affected through failure to file with the Department of Administration. Please file a copy of your annexing ordinance, including a statement certifying the population of the annexed territory. **Please include your MBR number 14851 with your ordinance.** Ordinance filing checklist available at <http://mds.wi.gov/>, click on "Help on How to Submit Municipal Records". Email scanned copy of required materials (color scan maps with color) to mds@wi.gov or mail to: Wisconsin Department of Administration, Municipal Boundary Review, PO Box 1645, Madison WI 53701-1645.

The petition file is available for viewing at: <http://mds.wi.gov/View/Petition?ID=2927>
Please call me at (608) 261-6097, should you have any questions concerning this annexation review.

Sincerely,

A handwritten signature in black ink, appearing to read "Bradley T. Vowels-Katter". The signature is fluid and cursive, with the first name "Bradley" being more prominent.

Bradley T. Vowels-Katter
Municipal Boundary Review – DOA
Direct (608) 261-6097
bradley.vowelskatter@wisconsin.gov
<http://doa.wi.gov/municipalboundaryreview>

cc: petitioner

Request for Annexation Review

Wisconsin Department of Administration

WI Dept. of Administration
Municipal Boundary Review
101 E. Wilson Street, 9th Floor
Madison WI 53703
608-264-6102 Fax: 608-264-6104
wimunicipalboundaryreview@wi.gov
<http://doa.wi.gov/municipalboundaryreview/>

Petitioner Information

Name: Mark Hein
Address: Hein Farms, LLC
W7683 Old Hwy. 93
Holmen, WI 54636
Email: _____

Office use only:

1. Town where property is located: Holland
2. Petitioned City or Village: Holmen
3. County where property is located: LaCrosse
4. Population of the territory to be annexed: 0
5. Area (in acres) of the territory to be annexed: 45.67 ac
6. Tax parcel number(s) of territory to be annexed
(if the territory is part or all of an existing parcel): 8-1097-100
8-1097-0

Petitioners phone:

608-526-2200

Town clerk's phone:

City/Village clerk's phone:

Contact Information if different than petitioner: 8-1097-5, 8-1097-4, 8-1099-0
8-1103-0

Representative's Name and Address:

Phone:

E-mail:

Surveyor or Engineering Firm's Name & Address:

SEH

Jason Cance

Phone: 715-720-6308

E-mail: jcance@sehinc.com

Required Items to be provided with submission (to be completed by petitioner):

- ☒ Legal Description meeting the requirements of s.66.0217 (1) (c) [see attached annexation guide]
- ☒ Map meeting the requirements of s. 66.0217 (1) (g) [see attached annexation guide]
- ☒ Signed Petition or Notice of Intent to Circulate is included
- Indicate Statutory annexation method used:
 - ☒ Unanimous per s. 66.0217 (2), or,
 - OR
 - ☐ Direct by one-half approval per s. 66.0217 (3)
- ☒ Check or money order covering review fee [see next page for fee calculation]

Annexation Review Fee Schedule

A Guide for Calculating the Fee Required by ss.16.53 (4) and 66.0217, Wis. Stats.

Required Fees

There is an initial filing fee and a variable review fee

\$ ~~350~~ **Initial Filing Fee** (required with the first submittal of all petitions)
\$200 – 2 acres or less
\$350 – 2.01 acres or more **should be \$525**

\$ ~~800~~ **Review Fee** (required with all annexation submittals except those that consist ONLY of road right-of-way)
\$200 – 2 acres or less
\$600 – 2.01 to 10 acres
\$800 – 10.01 to 50 acres **should be \$1200**
\$1,000 – 50.01 to 100 acres
\$1,400 – 100.01 to 200 acres
\$2,000 – 200.01 to 500 acres
\$4,000 – Over 500 acres **Paid in full 6/17/26**

\$ ~~1150~~ **TOTAL FEE DUE** (Add the Filing Fee to the Review Fee)
should be \$1725, owes \$575

Attach check or money order here, payable to: Department of Administration

THE DEPARTMENT WILL NOT PROCESS
AN ANNEXATION PETITION THAT IS NOT ACCOMPANIED
BY THE REQUIRED FEE.

THE DEPARTMENT'S 20-DAY STATUTORY REVIEW PERIOD
COMMENCES UPON RECEIPT OF THE PETITION AND REVIEW FEE

VILLAGE OF HOLMEN ANNEXATION PETITION

The undersigned, being all the electors and owners of all of the real property described below, do hereby petition the Village of Holmen for direct annexation of said described properties now located in the Town of Holland in La Crosse County, Wisconsin, to said Village of Holmen pursuant to Wisconsin Statutes, Sec. 66.0217(2) This land is contiguous to the Village of Holmen limits and is described as follows:

Description of property: See Attached

Total Acreage: 45.67

8-1103-0

Tax Parcel No(s): 8-1097-100, 8-1097-0, 8-1097-5, 8-1097-4, 8-1099-0

The proposed Village zoning on these parcels is: Commercial and Ag.

The current population of the territory affected by this petition is: 0

Dated this 7th day of April, 2026

State of Wisconsin}

}ss.

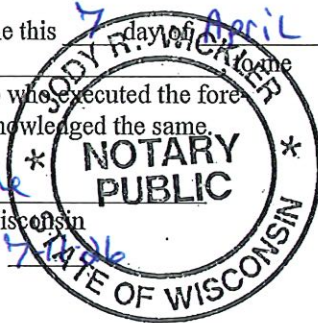
County of La Crosse}

Personally came before me this 7 day of April, 2026.

Mark Hein known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Jody R. Wickler
Notary Public, State of Wisconsin

My Commission Expires: 7/1/26



Mark Hein, member LLC
Owner name

MARK HEIN, member,
Owner name
LLC

Hein Farms, LLC

W7683 off Hwy 93
Owner address

Holmen WI
54636

Dated this _____ day of _____, 20__

State of Wisconsin}

}ss.

County of La Crosse}

Personally came before me this _____ day of _____, 20__.

_____, to me

known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Notary Public, State of Wisconsin

My Commission Expires: _____

Owner name

Owner name

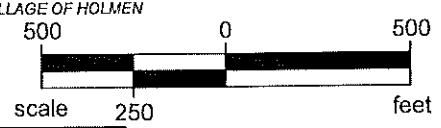
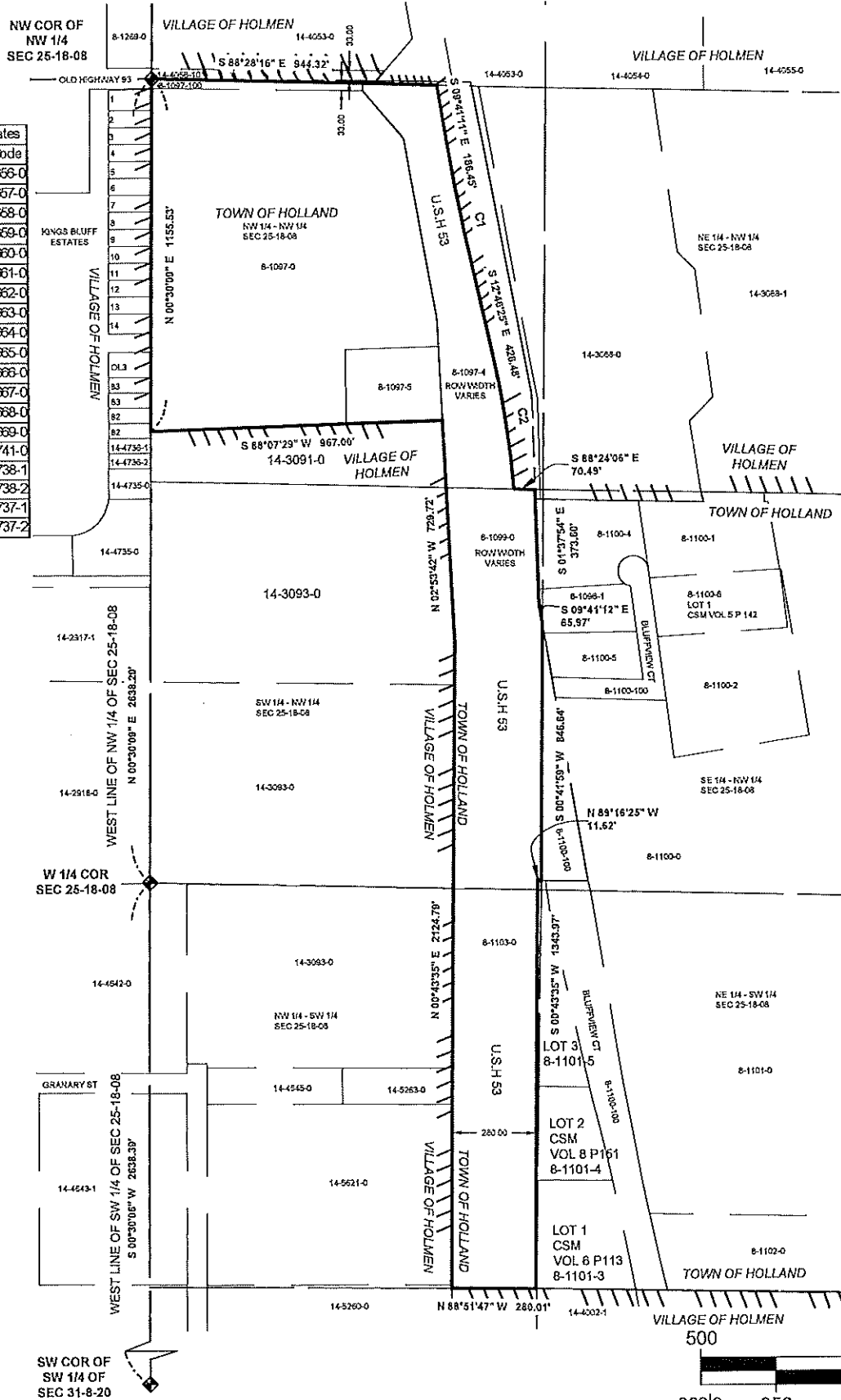
Owner address

RECEIVED
5/12/26

9:00am

ANNEXATION MAP

Kings Bluff Estates	
Lot No.	Tax Code
1	14-1656-0
2	14-1657-0
3	14-1658-0
4	14-1659-0
5	14-1660-0
6	14-1661-0
7	14-1662-0
8	14-1663-0
9	14-1664-0
10	14-1665-0
11	14-1666-0
12	14-1667-0
13	14-1668-0
14	14-1669-0
OL 3	14-4741-0
83	14-4738-1
83	14-4738-2
82	14-4737-1
82	14-4737-2



SEH PROJECT NO. HOLMV 191276
04/28/2026

PART OF THE NORTHWEST 1/4 AND PART OF THE SOUTHWEST 1/4 OF SECTION 25, ALL IN TOWNSHIP 18 NORTH, RANGE 8 WEST, TOWN OF HOLLAND, LA CROSSE COUNTY, WISCONSIN

1
OF 2

SCALE 1" = 500'

ANNEXATION LEGAL DESCRIPTION

Annexation Legal Description:

Part of the Northwest 1/4 and part of the Southwest 1/4 of Section 25, all in Township 18 North, Range 8 West, Town of Holland, La Crosse County Wisconsin

Beginning at the Northwest 1/4 corner of said Section 25; Thence South 88°28'16" East along the North line of the Northwest 1/4 of the Northwest 1/4 of said Section 25 to a point on the alignment of U.S. Highway 53 as described in Right of Way Project 1631-1-21, a distance of 944.32 feet; thence South 09°41'11" East along said alignment, a distance of 186.45 feet; thence along said alignment 308.72 feet along the arc of a curve to the left, whose radius is 5,729.28 feet, whose chord bears South 11°13'48" East, a distance of 308.67 feet; thence South 12°46'25" East along said alignment, a distance of 426.48 feet; thence along said alignment 429.48 feet along the arc of a curve to the right, whose radius is 2,864.79 feet, whose chord bears South 08°28'44" East, a distance of 429.07 feet to a point on the South line of the Northwest 1/4 of the Northwest 1/4 of said Section 25; thence South 88°24'06" East, along the South line of the said Northwest 1/4 of the Northwest 1/4 a distance of 70.49 feet to the easterly right of way of USH 53; thence South 01°37'54" East along the said easterly right of way, a distance of 373.60 feet to; thence South 09°41'12" East along the said easterly right of way, a distance of 65.97 feet to a point on the West line of the Southeast 1/4 of the Northwest 1/4 of said Section 25; thence South 00°41'59" West along the said West line of the Southeast 1/4 of the Northwest 1/4, a distance of 846.64 feet; thence North 89°16'25" West to the easterly right of way of U.S. Highway 53, a distance of 11.62 feet; thence South 00°43'35" West along the said easterly right of way to the Southwest corner of Lot 1 CSM Vol. 6 Page 113, a distance of 1,343.97 feet. Thence North 88°51'47" West along the South line of the Northwest 1/4 of the Southwest 1/4 of Section 25 to the westerly right of way of USH 53, a distance of 280.01 feet; thence North 00°43'35" East along the said westerly right of way, a distance of 2,124.79 feet; thence North 02°53'42" West along the said westerly right of way, a distance of 729.72 feet; thence South 88°07'29" West to the westerly line of the said Northwest 1/4 of Section 25, a distance of 967.00 feet; thence North 00°30'09" East along the westerly line of the Northwest 1/4 of Section 25, a distance of 1,155.53 feet to the point of beginning.

Parcel contains 1,989,572 Sq. Ft., (45.67 Acres more or less)

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CH BEARING	CH LENGTH
C1	5729.28	003°05'14"	308.72	S 11°13'48" E	308.67
C2	2864.79	006°35'22"	429.48	S 08°28'44" E	429.07



PROJECT NO.
HOLMV 191276
04/28/2026

PART OF THE NORTHWEST 1/4 AND PART OF THE SOUTHWEST 1/4 OF
SECTION 25, ALL IN TOWNSHIP 18 NORTH, RANGE 8 WEST, TOWN OF
HOLLAND, LA CROSSE COUNTY, WISCONSIN

2
OF 2



TONY EVERS

GOVERNOR

KATHY BLUMENFELD

SECRETARY

Municipal Boundary Review

PO Box 1645, Madison WI 53701

Voice (608) 261-6097 Fax (608) 264-6104

Email: wimunicipalboundaryreview@wi.gov

Web: <http://doa.wi.gov/municipalboundaryreview>

June 09, 2026

PETITION FILE NO. 14851

ANGELA HORNBERG, CLERK
VILLAGE OF HOLMEN
PO BOX 158
HOLMEN, WI 54636-0158

MARILYN PEDRETTI, CLERK
TOWN OF HOLLAND
W7937 COUNTY RD MH
HOLMEN, WI 54636-9213

Subject: HEIN ANNEXATION

Section 66.0217 (6), Wis. Stats., provides that the annexation of lands to cities and villages within a county having a population of 50,000 or more shall be reviewed by the Department of Administration in order to determine if the proposed annexation is in the public interest or against the public interest. The proposed annexation from the TOWN OF HOLLAND to the VILLAGE OF HOLMEN (see attached description) must be reviewed pursuant to the statute.

To assist us in making this determination, we urge that you promptly supply the data requested on the enclosed questionnaire (where possible) and return the questionnaire to the department.

The purpose of this questionnaire is to assist the department in determining "Whether the governmental services, including zoning, to be supplied to the territory could clearly be better supplied by the town...." The statute further stipulates that the department shall study the "shape of the proposed annexation and the homogeneity of the territory with the annexing municipality." In addition, we would appreciate receiving from you any comments or information bearing on governmental services or shape and homogeneity that would indicate whether the annexation is in or against the public interest.

Please return the questionnaire as soon as possible so that the information can be reviewed prior to the department's statutory deadline of June 29, 2026. Direct any questions and comments to Bradley Vowels-Katter at (608) 261-6097. Thank you for your cooperation.

For additional information on annexation or other land use issues, visit our web site at <http://doa.wi.gov/municipalboundaryreview/>.

Sincerely,

Bradley T. Vowels-Katter

Municipal Boundary Review – DOA

Direct (608) 261-6097

bradley.vowelskatter@wisconsin.gov

<http://doa.wi.gov/municipalboundaryreview>

Enclosures: Annexation Questionnaire

Annexation Review Questionnaire

Wisconsin Department of Administration

WI Dept. of Administration
Municipal Boundary Review
PO Box 1645
Madison WI 53701
608-264-6102 Fax: 608-264-6104
wimunicipalboundaryreview@wi.gov
<http://doa.wi.gov/municipalboundaryreview>

Petitioner: **Hein**

Petition Number: **14851**

1. Territory to be annexed: From **TOWN OF HOLLAND** To **VILLAGE OF HOLMEN**

2. Area (Acres): **45.67**

3. Pick one: ☒ Property Tax Payments

OR ☐ Boundary Agreement

a. Annual town property tax on territory to be annexed:

\$ **816.28**

a. Title of boundary agreement _____

b. Year adopted _____

b. Total that will be paid to Town

(annual tax multiplied by 5 years): **4,081.40**

c. Participating jurisdictions _____

d. Statutory authority (pick one)

c. Paid by: ☐ Petitioner ☐ City ☒ Village

☐ s.66.0307 ☐ s.66.0225 ☐ s.66.0301

☐ Other: _____

4. Resident Population: **0** Electors: **0** Total: **0**

5. Approximate **present land use** of territory:

Residential: _____% Recreational: _____% Commercial: **20**% Industrial: _____%

Undeveloped: **80**%

6. If territory is undeveloped, what is the **anticipated use**?

Residential: _____% Recreational: _____% Commercial: **100**% Industrial: _____%

Other: _____%

Comments: **Needs sewer & water for existing and future commercial.**

7. Has a ☐ preliminary or ☐ final plat been submitted to the Plan Commission: ☐ Yes ☒ No

Plat Name: _____

8. What is the **nature of land use adjacent** to this territory in the city or village?

Platted Residential and Zoned Industrial/Commercial

In the town?: **~~suburban~~ mostly Estate Residential or Ag/Forest**

9. What are the **basic service needs** that precipitated the request for annexation?

☒ Sanitary sewer

☒ Water supply

☒ Storm sewers

☒ **Police** Fire protection

☐ EMS

☒ Zoning

Other _____

10. Is the city/village or town capable of providing needed utility services?

City/Village ☒ Yes ☐ No Town ☐ Yes ☒ No

If yes, approximate timetable for providing service:

Sanitary Sewers immediately

or, write in number of years.

City/Village

☒ Immediate

Town

☐

Never

Water Supply immediately

or, write in number of years.

☒

Immediate

☐

Never

Will provision of sanitary sewers and/or water supply to the territory proposed for annexation require capital expenditures (i.e. treatment plant expansion, new lift stations, interceptor sewers, wells, water storage facilities)?

☐ Yes ☒ No

(Has already been built to property for service)

If yes, identify the nature of the anticipated improvements and their probable costs: _____

11. Planning & Zoning:

a. Do you have a comprehensive plan for the City/Village/Town?

☒ Yes ☐ No

Is this annexation consistent with your comprehensive plan?

☒ Yes ☐ No

b. How is the annexation territory now zoned? A mix of commercial & Ag.

c. How will the land be zoned and used if annexed? 100% Commercial

12. Elections: ☐ New ward or ☒ Existing ward? Will the annexation create a new ward or join an existing ward? For more information, please contact the Wisconsin Election Commission at (608) 266-8005, elections@wi.gov or see their annexation checklist here: <http://elections.wi.gov/forms/el-100>

13. Other relevant information and comments bearing upon the public interest in the annexation:

This Annexation is authorized and permitted under the Village & Town Boundary Agreement, still active.

Prepared by: ☐ Town ☐ City ☒ Village

Name:

Scott Heinig

Email:

sheinig@holmen.wi.gov

Phone:

608-526-6305

Date:

6/9/26

Please **RETURN PROMPTLY** to:

wimunicipalboundaryreview@wi.gov

Municipal Boundary Review

PO Box 1645, Madison WI 53701

Fax: (608) 264-6104

(March 2018)

Real Property Listers Annexation Review

- | | | |
|---|--|--|
| 1. <u>Territory to be Annexed:</u>
-see petition, too many to list. | <u>From Town of:</u>
Town of Holland | <u>To City/Village of:</u>
Village of Holmen |
|---|--|--|
- 2. Checklist:** (Y) Yes; (N) No; (N/A) Not applicable; (NC) Not checked

Location and Position

- | | |
|----------|--|
| <u>Y</u> | (1) Location description by government lot, recorded private claim, 1/4-1/4 section, section, township, range, and county. |
| <u>Y</u> | (2) Contiguous with existing village/city boundaries. |
| <u>N</u> | (3) Creates an island area in Township (<i>completely surrounded by town</i>) |
| <u>Y</u> | (4) Creates an island area in City (<i>completely surrounded by town</i>) |

Petition and Map Information

- | | |
|------------|--|
| <u>Y</u> | (1) Identify owners of annexed land |
| <u>Y</u> | (2) Identify Parcel ID Numbers included in annexation |
| <u>N/A</u> | (3) Identify parcel ID numbers being split by annexation |
| <u>Y</u> | (4) North Arrow |
| <u>Y</u> | (5) Graphic Scale |
| <u>N/A</u> | (6) Streets and highways shown and identified |
| <u>Y</u> | (7) Legend |
| <u>Y</u> | (8) Total area/acreage of annexation |

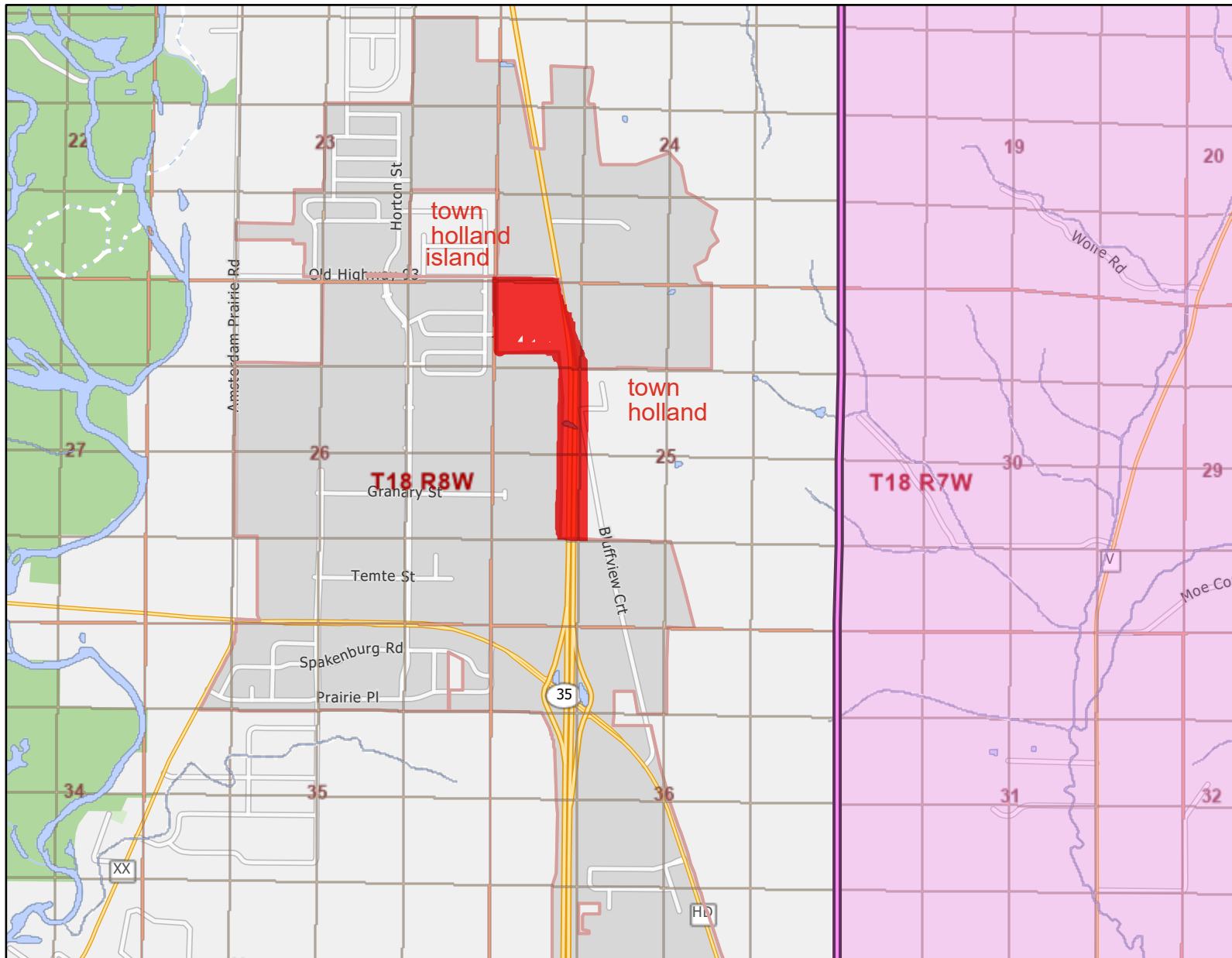
3. Other Relevant Information and Comments:

There is property located within the boundaries of this petitioned Annex. that is under Town and State ownership (roads). This would create an island of Town in the SE-SE & SW-SE of 23-18-8.

Prepared by: Kyle Willoughby
 Title: Real Property Lister
 Phone: 608-785-9637
 Date: 06/11/2026

Please **RETURN PROMPTLY** to:
 Municipal Boundary Review
 PO Box 1645
 Madison WI 53701
 (608) 264-6102 | **FAX** (608) 264-6104
wimunicipalboundaryreview@wi.gov

<http://doa.wi.gov/municipalboundaryreview/>



Legend: (some map layers may not be displayed)

- Rivers and Streams
- Intermittent Streams
- Open Water
- Rivers and Streams
- Intermittent Streams
- Open Water
- 24K Intermittent Streams
- 24K Lakes and Open Water
- 24K Streams and Rivers
- Township
- Section
- Quarter-Quarter
- Cities, Towns & Villages
- Village
- Civil Town
- Highlighted Polygons
- Highlighted Polygons (Borders)

Notes:



Map: 0 2,000 4,000 Feet
0 600 1,200 Meters

Service Layer Credits:
Surface Water: WIDNR, USGS, and other data, DNR Detailed Feature VTL (WTM): , Cadastral:

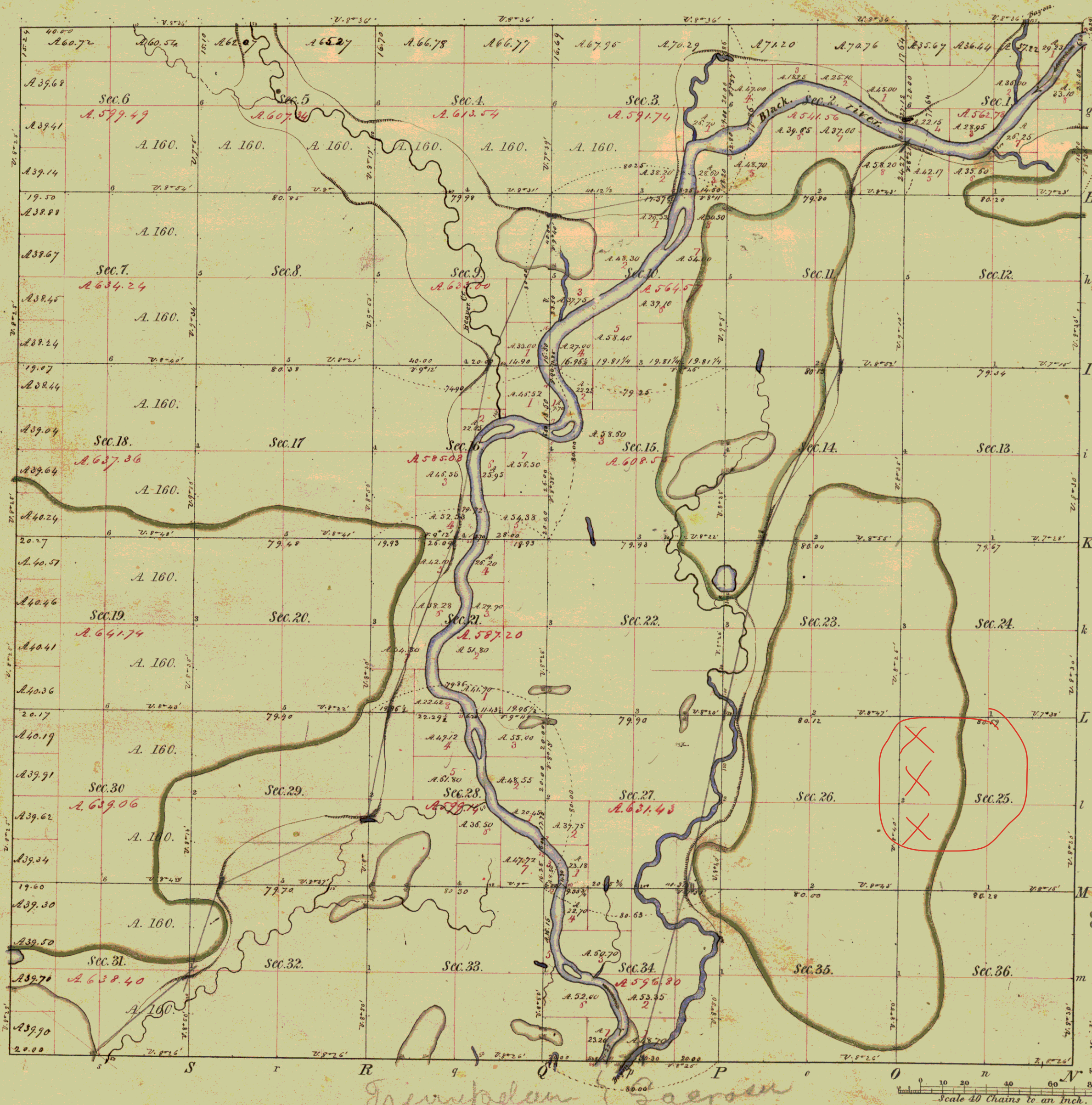
Map projection: NAD 1983 HARN Wisconsin TM

This map is a product generated by a DNR web mapping application.

This map is for informational purposes only and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. The user is solely responsible for verifying the accuracy of information before using for any purpose. By using this product for any purpose user agrees to be bound by all disclaimers found here: <https://dnr.wisconsin.gov/legal>.

Date Printed: 6/12/2026 12:10 PM

Township N^o 18 N., Range N^o 8 West, 4th Mer.



Total number of Acres, 22,393.02

Survey Designated	By Whom Surveyed	Date of Contract	Amount of Surveys	When Surveyed	When paid for and ch ^d in the Sur. Gen. acc ^t
N. E. W. Township lines	James C. McManis	4th Sept. 1845	M. Ch ^d Lkr. 17 74 43	November 1845	
Subdivisions	Cyrus Woodworth	June 22 ^d 1847	78 44 74	Sept. & Oct. 1847	
8. Township line	Uriah Riggs	16 Augt 1845	6. 00. 00	November 1845	

The above Map, of Township N^o 18 North of Range N^o 8 West of the 4th Principal Meridian Wisconsin Territory is strictly conformable to the field notes of the survey thereof on file in this Office, which have been examined and approved.

Surveyor General's Office,
Dubuque June 7th 1848

J. W. Jones
S. A. Jones

J. W. Jones, C. Woodworth June 22^d 1847

Meanders of Black River			
Posts	Courses	Ch ^d Lkr.	Posts
Left bank down stream.			
1	S. 42° W. 12.08		
	S. 33° W. 9.90		
	S. 47° W. 12.40		
	S. 33° W. 13.30		
	S. 52° W. 5.86		
	S. 37° W. 8.30		
	S. 54° W. 8.15		
	West 5.05		
	N. 75° W. 6.60		
	N. 80° W. 10.55		
	N. 69° W. 12.17		
	N. 65° W. 12.20		
	N. 59° W. 9.37		
	N. 71° W. 9.93		
	N. 87° W. 11.46		
	S. 65° W. 16.76		
	S. 33° W. 15.98		
	S. 62° W. 5.97		
	S. 85° W. 4.54		
	N. 80° W. 10.95		
	S. 72° W. 3.84		
	S. 11° W. 7.93		
	South 4.61		
	S. 5° W. 5.02		
	South 2.07		
	S. 12° E. 7.00		
	S. 7° W. 7.00		
	S. 22° W. 5.57		
	S. 42° W. 14.60		
	S. 40° W. 8.56		
	S. 48° W. 12.20		
	S. 57° W. 29.71		
	S. 51° W. 7.02		
	S. 35° W. 5.14		
	S. 7° W. 10.02		
	S. 22° E. 9.28		
	S. 42° E. 9.27		
	S. 16° E. 9.28		
	S. 5° W. 5.10		
	S. 30° W. 6.37		
	S. 69° W. 5.53		
	S. 24° W. 5.29		
	N. 57° W. 2.58		
	N. 55° W. 7.20		
	West 6.08		
	S. 57° W. 4.48		
	S. 75° W. 7.52		
	S. 64° W. 3.43		
	S. 62° W. 2.77		
	S. 17° W. 6.13		
	S. 12° E. 6.26		
	S. 32° E. 7.80		
	S. 10° E. 4.44		
	S. 25° E. 7.80		
	S. 12° W. 6.85		
	S. 19° W. 5.00		
	S. 20° W. 6.77		
	S. 47° W. 5.70		
	S. 19° W. 7.22		
	S. 15° E. 10.14		
	S. 3° W. 9.24		
	S. 27° W. 35.67		
	S. 48° W. 10.10		
	S. 50° W. 7.90		
	S. 37° W. 12.30		
	S. 51° W. 8.78		
	S. 86° W. 14.18		
	N. 73° W. 6.54		
	S. 62° W. 6.70		
	N. 69° W. 10.33		
	N. 71° W. 8.00		
	N. 58° W. 15.80		
	N. 68° W. 14.50		
	N. 73° W. 6.50		
	N. 85° W. 6.94		
	S. 64° W. 6.84		
	S. 56° W. 7.56		
	S. 50° W. 6.00		
	S. 38° W. 8.24		
	S. 19° W. 3.58		
	S. 85° W. 8.60		
	S. 19° E. 3.24		
	S. 12° W. 4.20		
	South 3.73		
	S. 11° W. 3.52		
	S. 12° E. 5.70		
	S. 37° E. 8.68		
	S. 13° E. 14.17		
	S. 41° E. 5.50		
	S. 51° E. 3.75		
	S. 42° E. 2.92		
	S. 69° E. 8.42		
	S. 54° E. 2.33		
	S. 36° E. 3.83		
	S. 45° E. 1.14		
	S. 44° E. 13.80		
	S. 18° E. 3.33		
	S. 22° W. 4.00		
	S. 11° E. 5.00		
	S. 13° W. 2.20		
	S. 22° W. 5.00		
	S. 42° E. 7.02		
	S. 10° W. 4.08		
	S. 1° E. 4.25		
	S. 33° W. 3.40		
	S. 4° W. 4.48		
	S. 44° E. 3.38		
	S. 53° E. 3.63		
	S. 16° E. 2.96		
	S. 8° W. 3.46		
	S. 55° E. 2.74		
	S. 86° E. 6.66		
	S. 52° E. 3.48		
	S. 77° E. 3.82		
	S. 55° E. 5.70		
	S. 20° E. 5.47		
	S. 31° E. 9.13		
	S. 3° E. 5.50		
	S. 8° W. 4.57		
	S. 56° W. 4.55		
	S. 63° W. 3.18		
	S. 21° W. 7.40		
	S. 10° W. 4.60		
	S. 14° E. 7.48		
	S. 52° E. 10.89		
	S. 22° E. 4.90		
	S. 11° E. 4.54		
	S. 17° W. 4.63		
	S. 8° W. 2.20		
	S. 8° W. 2.05		
	S. 34° W. 13.80		
	S. 8° W. 5.90		
	S. 14° E. 6.93		
	S. 24° E. 4.34		

Right bank down stream.