MGROW PRESENTS
THE MIDDLE GRAND RIVER HERITAGE WATER TRAIL

Presented by Fred E. Cowles, P.E.
Vice President of the Middle Grand River Organization of Watersheds
To protect and preserve the history and the natural resources of the Middle Grand River watershed by promoting education, conservation, recreation and wise use of watershed resources.
The Middle Grand River Heritage Water Trail is 3 “Things”

• It’s a Book of Maps
• It’s a Smart Phone App (Android, iphone soon)
• It’s a Web Site

Each share a set of
  - Access Points
  - Hazard Points
  - Heritage Points

QR Codes link the Book to the Web Site
Hot Links on the App link to the Web Site

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MGROW HWT Book of Maps

- The Mapbook provides the typical information that paddlers expect, i.e. Put-ins, Take-outs, Hazards
- Six Featured Trips are included to make planning easy

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• The Featured Trips include photos of important Access Sites

• Detailed information is provided about all of the Access Sites
### Middle Grand River Access Sites

<table>
<thead>
<tr>
<th>Access Site (river miles)</th>
<th>Map No.</th>
<th>Nearest Roads</th>
<th>River Side</th>
<th>Parking</th>
<th>Distance to River</th>
<th>Launch Type</th>
<th>Restrooms</th>
<th>Drinking Water</th>
<th>Picnic Tables</th>
<th>Refuse Disposal</th>
<th>User Fee</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smithville Park (0.0)</td>
<td>1a</td>
<td>Smithville Rd</td>
<td>Right</td>
<td>4 gravel</td>
<td>200’</td>
<td>Beach</td>
<td>No</td>
<td>No</td>
<td>2</td>
<td>Barrels</td>
<td>No</td>
<td>Rocky put-in. Firepit and 2 grills. If entering from the Upper Grand River, mandatory 600’ portage on river right.</td>
</tr>
<tr>
<td>McArthur Park - Eaton Rapids (1.5)</td>
<td>1a</td>
<td>McArthur River Dr &amp; Forest St</td>
<td>Right</td>
<td>10 street</td>
<td>50’</td>
<td>Ramp &amp; dock</td>
<td>Primitive</td>
<td>No</td>
<td>0</td>
<td>No</td>
<td>No</td>
<td>Dock is wheelchair accessible. No portage at dam. Mandatory portage 1 mile from McArthur Park to Mill St. Enter river right. Enter river left at Mill St.</td>
</tr>
<tr>
<td>Mill Street - Eaton Rapids (2.3)</td>
<td>1a</td>
<td>End of Mill St</td>
<td>Left</td>
<td>36 paved</td>
<td>120’ 150’</td>
<td>Up - beach Down - beach</td>
<td>Primitive</td>
<td>No</td>
<td>1</td>
<td>Barrels</td>
<td>No</td>
<td>Mandatory portage at dam. Livery.</td>
</tr>
<tr>
<td>Bunker Road Landing (6.6)</td>
<td>1b</td>
<td>Bunker Rd</td>
<td>Right</td>
<td>10 gravel</td>
<td>50’</td>
<td>Dock</td>
<td>Primitive</td>
<td>No</td>
<td>0</td>
<td>Barrels</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>McNamara Landing (10.5)</td>
<td>2a</td>
<td>Columbia Hwy &amp; Waverly Rd</td>
<td>Right</td>
<td>24 gravel</td>
<td>140’</td>
<td>Dock</td>
<td>Primitive</td>
<td>Hand pump</td>
<td>2</td>
<td>Barrels</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Riverbend Natural Area (12.6)</td>
<td>2a 2b</td>
<td>Nichols Rd &amp; Kingman Rd</td>
<td>Right</td>
<td>30 gravel</td>
<td>150’</td>
<td>Dock</td>
<td>Primitive</td>
<td>No</td>
<td>0</td>
<td>Barrels</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Burchfield Park (13.1)</td>
<td>2b</td>
<td>Grovenburg Rd &amp; Harper Rd</td>
<td>Right</td>
<td>many gravel</td>
<td>375’ N 175’ S</td>
<td>Dock</td>
<td>Flush</td>
<td>Running</td>
<td>Many</td>
<td>Barrels</td>
<td>Yes</td>
<td>3 launch sites; one is county-run livery; 2 disc golf courses.</td>
</tr>
<tr>
<td>Danford Island Park - Dimondale (18.2)</td>
<td>3a</td>
<td>Washington St &amp; Pine St</td>
<td>Right</td>
<td>14 paved</td>
<td>300’ N 230’ S</td>
<td>Up - dock Down - beach</td>
<td>No</td>
<td>No</td>
<td>3</td>
<td>Barrels</td>
<td>No</td>
<td>If portaging use river right: ~250’. Upstream dock is wheelchair accessible.</td>
</tr>
<tr>
<td>Lions Community Park - Dimondale (18.3)</td>
<td>3a</td>
<td>E Jefferson St</td>
<td>Left</td>
<td>20 street</td>
<td>600’</td>
<td>Down - bank</td>
<td>No</td>
<td>No</td>
<td>15</td>
<td>Barrels</td>
<td>No</td>
<td>Access below dam removal only</td>
</tr>
<tr>
<td>Fulton Park - Lansing (23.4)</td>
<td>3b</td>
<td>End of Sheffield Blvd, East of S Waverly Rd</td>
<td>Right</td>
<td>12 paved</td>
<td>375’</td>
<td>Dock</td>
<td>No</td>
<td>No</td>
<td>2</td>
<td>Barrels</td>
<td>No</td>
<td>Long stairway to dock</td>
</tr>
<tr>
<td>Grand River Park &amp; Boat Launch (26.1)</td>
<td>4a</td>
<td>Lansing Rd &amp; Grand River Park</td>
<td>Left</td>
<td>50+ paved</td>
<td>0-350’</td>
<td>Ramp &amp; dock</td>
<td>Flush</td>
<td>Running</td>
<td>4</td>
<td>Barrels</td>
<td>No</td>
<td>Michigan Princess mooring</td>
</tr>
</tbody>
</table>
The Maps include QR codes that link the map to the MGROW website.

Using a smartphone’s QR Code Reader App, on the code for Page 4b will take you to web pages for these sites, like North Lansing Dam and Adado Park.
North Lansing Dam

Mandatory 700’ portage river right

Fish ladder

Rocky put-in

Businesses nearby.

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Adado Park – East

Nearest Road(s): N Cedar St, North of E Shiawassee St
Side: Right
Parking: none
Distance to River: Distant
Launch Type: Dock
Restrooms: No
Drinking Water: No
Picnic Tables: 6
Refuse Disposal: Barrels
Fee for Use: No
Comments: Pedestrian bridge between East and West
MGROW HWT
Smart Phone App


• You can also find the app by searching in the Google Play store with the keywords "Middle Grand Water Trail". It should be the first result that is returned.

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Half Way
MGROW HWT
Smart Phone App

As you travel downstream on the Grand River, the app will automatically vibrate as you near either a historical site, access point, or river hazard. It will also display information about that site on your screen.

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MGROW HWT Smart Phone App

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MGROW HWT Web Site

www.mgrow.org

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MGROW HWT Web Site

Middle Grand River Heritage Water Trail

Paddle Through History from Eaton Rapids to Lyons

This section of our website contains the companion web pages for the Middle Grand River Heritage Water Trail Guidebook that you can view from your handheld device or your computer’s web browser.

Use your handheld device to snap one of the QR codes on any map in the Guidebook, or click one of the links below and choose a page from the list to learn more.

Access Sites
Hazard Sites
Heritage Sites

You’ll find a wealth of information about each of the points highlighted in the Guidebook, with detailed descriptions and photos:

- How to get on and off the river
- Hazards to watch out for
- Stories about the rich history of settlement and growth along the Middle Grand River

Android users: Get the app!
With your smartphone’s GPS feature on, the app provides you with your exact location on the river. As you near a site of importance, the screen will activate, providing you with an image and a brief description of the site. Click the link to get more details from our website.

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Erdman Road End

Nearest Road(s): Erdman Road, south of Portland
Side: Left
Parking: 6 gravel
Distance to River: 50-150'
Launch Type: Beach
Restrooms: No
Drinking Water: No
Picnic Tables: 0
Refuse Disposal: No
Fee for Use: No

Comments: Informal access - at road end in Portland State Game Area
What’s it Cost?

• The App was programmed by a graduate level GIS class at MSU
• It needed significant revision
• The GIS is hosted by the Institute of Water Research at MSU about $10,000 over 2 years
• Cost of volunteer labor is free. If it had been contracted to a consultant, it probably would have been over $50,000
• Printing only 100 copies cost $1500
• We had grant assistance for these costs
How to Cover the Cost in the Future

• Don’t know

• Questionable Possibilities:
  • Find a benefactor
  • Hope for grants
  • Solicit donations from users

• Collaborate with other Heritage Water Trails
  • The App can add points anywhere in the world
  • Sharing the GIS hosting and App support with 3 or 4 other HWTs would bring the annual cost down to ~$500
Want a Map Book?

- $20
- On sale now
- See me later
Feedback is Solicited

- We are working out some details we have identified
- We expect that many more details need working out that we have not yet identified
- Your help is needed for that
- Contact Fred Cowles at fcowles@mgrow.org or Loretta Crum at lcrum@mgrow.org
Thank You

To protect and preserve the history and the natural resources of the Middle Grand River watershed by promoting education, conservation, recreation and wise use of watershed resources.
The Grand River Watershed Partnership

- Upper Grand River Watershed Alliance (UGRWA)
- Middle Grand River Organization of Watersheds (MGROW)
- Lower Grand River Organization of Watersheds (LGROW)

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