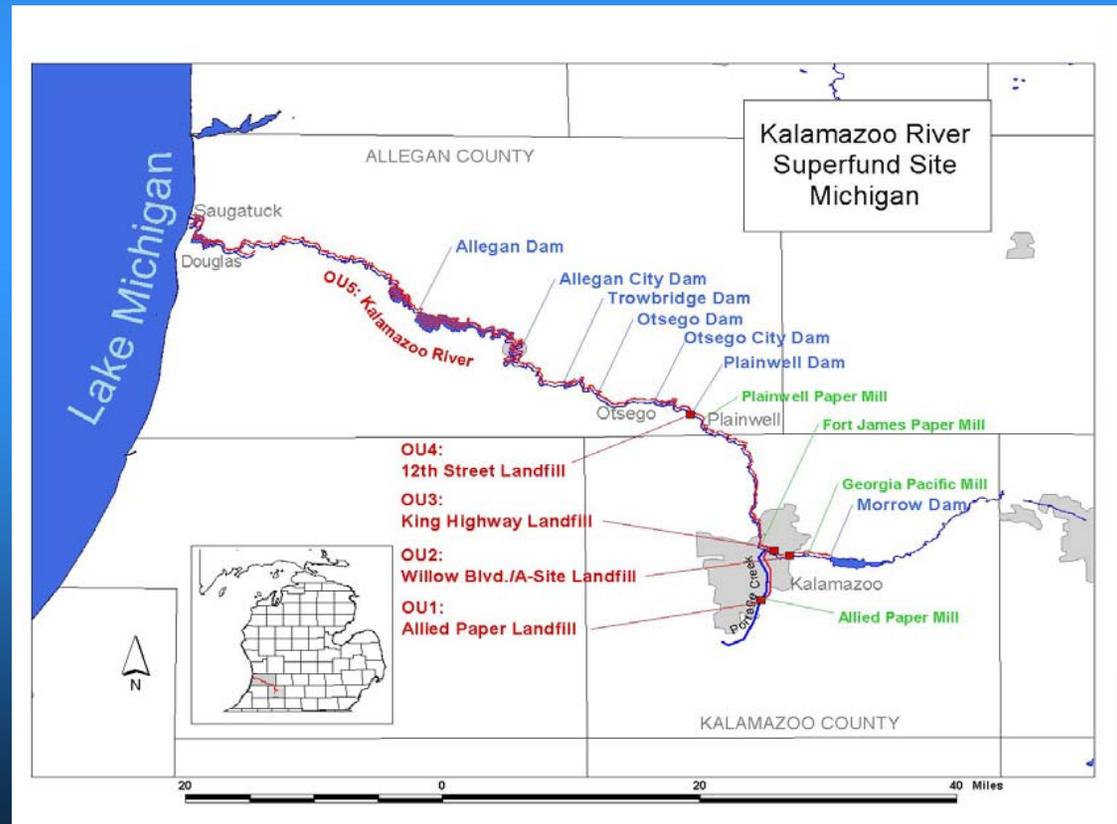


EPA Update

Allied Paper/Portage Creek/Kalamazoo River Superfund Site

May 29, 2003
Kalamazoo River
Protection Association



Tonight's Topics

- **Cleanup Approach**
- **Schedule Update**

Cleanup Approach

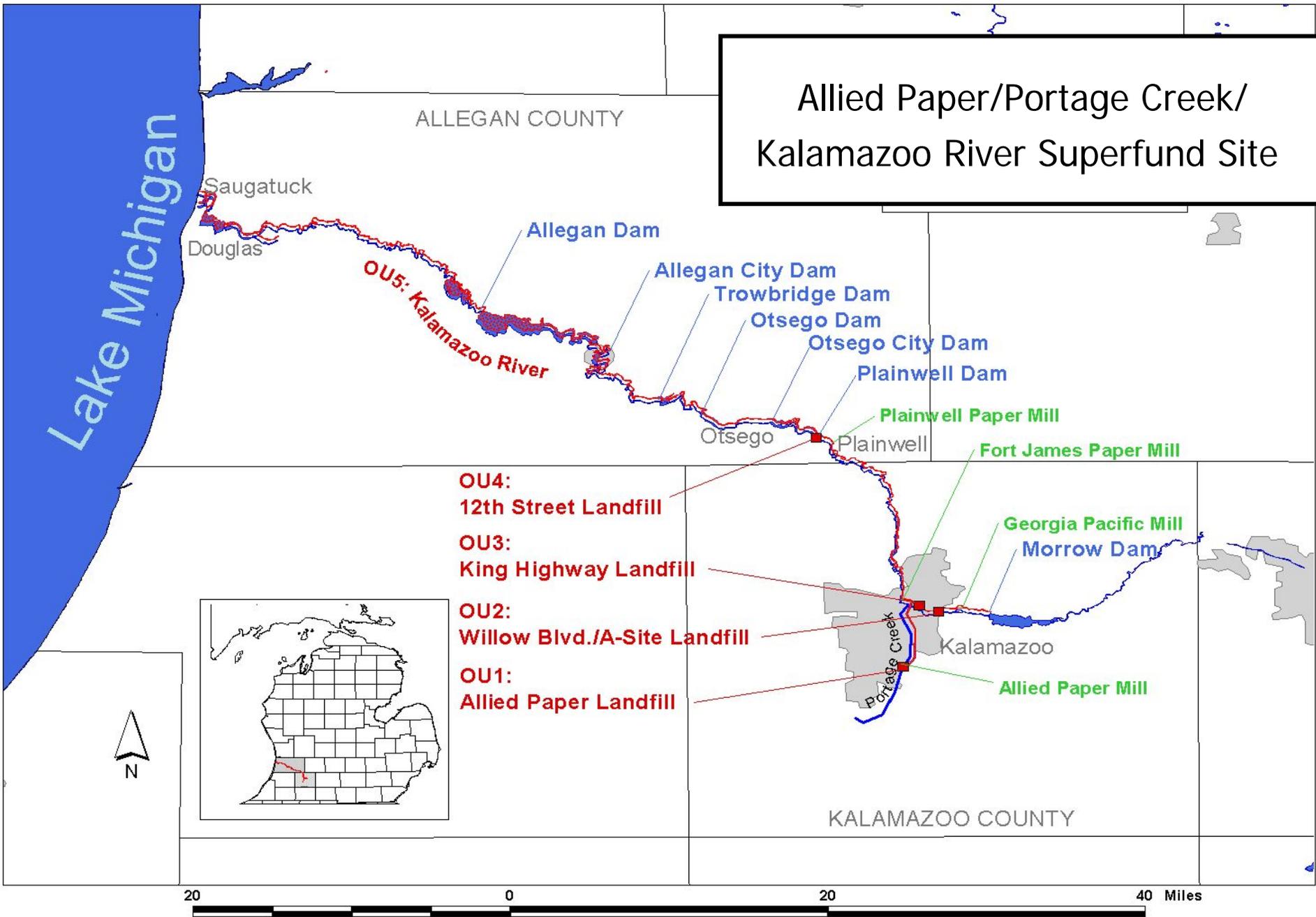
1) Eliminate PCB sources:

- Paper wastes on river banks
- Morrow Lake as potential source
- Existing landfills
- Paper mill properties

Cleanup Approach

- 2) Address in-stream sediments
- 3) Begin upstream and move downstream

Allied Paper/Portage Creek/ Kalamazoo River Superfund Site



- OU4:**
12th Street Landfill
- OU3:**
King Highway Landfill
- OU2:**
Willow Blvd./A-Site Landfill
- OU1:**
Allied Paper Landfill

ALLEGAN COUNTY

KALAMAZOO COUNTY

Lake Michigan

Saugatuck
Douglas

Allegan Dam

Allegan City Dam
Trowbridge Dam

Otsego Dam

Otsego City Dam

Plainwell Dam

Plainwell Paper Mill

Fort James Paper Mill

Georgia Pacific Mill

Morrow Dam

Kalamazoo

Allied Paper Mill



Schedule Update

On Schedule

- **Morrow Lake**
- **Plainwell/Otsego City
impoundments**
- **Downstream impoundments
and Lake Allegan**

Allied Paper/Portage Creek/
Kalamazoo River Superfund Site

On Schedule

On Schedule

On Schedule

On Schedule



Saugatuck
Douglas

Allegan Dam

Allegan City Dam

Trowbridge Dam

Otsego Dam

Otsego City Dam

Plainwell Dam

Plainwell Paper Mill

Fort James Paper Mill

Georgia Pacific Mill

Morrow Dam

Kalamazoo

Allied P. Mill

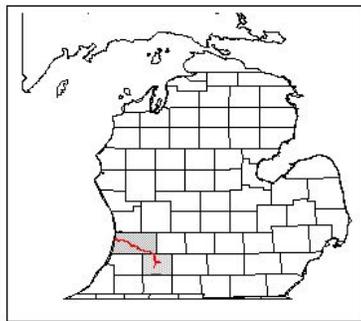
OU5: Kalamazoo River

OU4:
12th Street Landfill

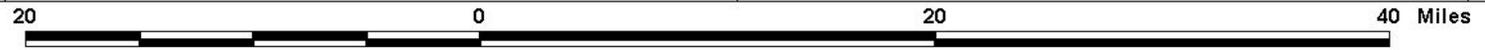
OU3:
King Highway Landfill

OU2:
Willow Blvd./A-Site Landfill

OU1:
Allied Paper Landfill



KALAMAZOO COUNTY



Morrow Lake

Work on schedule:

- Sent information request letters to potential PRPs
- Next Step: Send notification to PRPs to start RI/FS negotiations (Summer/Fall)

Plainwell/Otsego City Impoundments

Work on schedule:

- EPA completing remedial investigation and feasibility study
- Next steps:
 - Summer – Issue Proposed Plan
 - Summer/Fall – Issue Record of Decision (ROD)

Downstream Impoundments and Lake Allegan

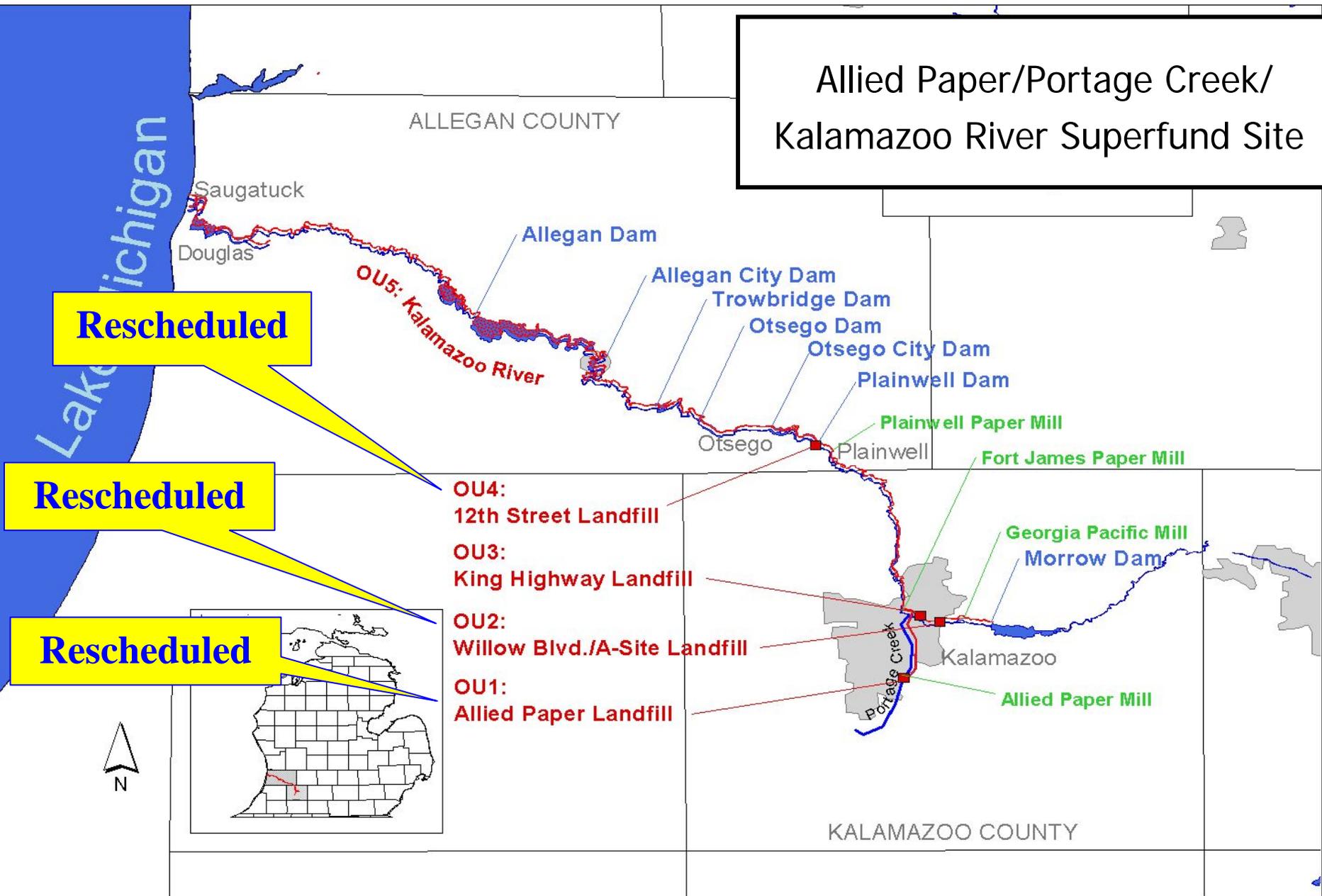
Work on schedule:

- Sent information request letters to potential PRPs
- Developed sampling plan
 - Want PRPs to implement
 - Still need to negotiate agreement to conduct sampling
- Next step: send notification to PRPs to start RI/FS negotiations (Summer/Fall)

Rescheduled

- **Allied Paper landfill**
- **Willow Boulevard/A-Site**
- **12th Street landfill**

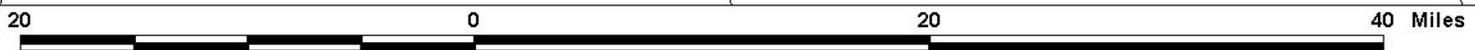
Allied Paper/Portage Creek/ Kalamazoo River Superfund Site



Rescheduled

Rescheduled

Rescheduled



Allied Paper Landfill

MDEQ remedial investigation (RI)
completion rescheduled from
spring to fall 2003



EPA will complete FS
and proposed plan
(fall/winter 2004)

Willow Blvd/A-Site

MDEQ feasibility study (FS) completion
rescheduled from summer/fall 2002
to summer 2003

EPA will issue:

- Proposed plan in summer
- ROD in fall/winter

12th Street Landfill

- Cleanup negotiations unsuccessful. PRPs would not do cleanup
- Next step: Additional sampling in July to provide stronger basis for a legal action (Unilateral Administrative Order)
- Remedial design in 2004

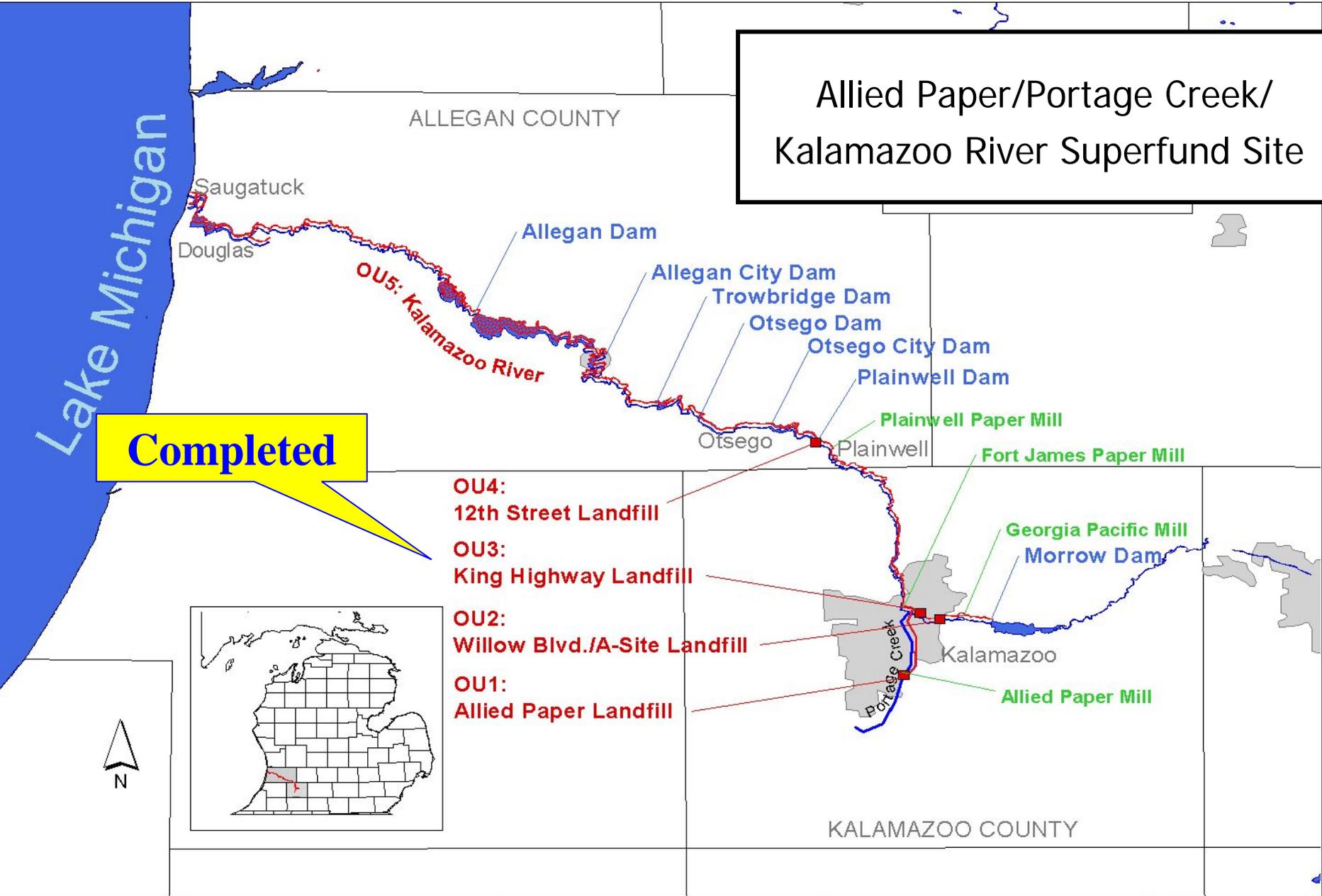


Completed

King Highway landfill

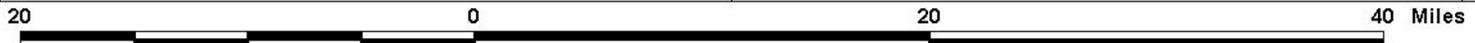
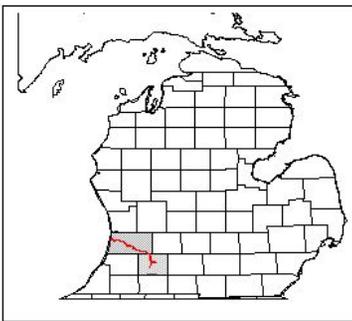
MDEQ will be overseeing long-term
groundwater and surface water
monitoring

Allied Paper/Portage Creek/ Kalamazoo River Superfund Site



Completed

- OU4:**
12th Street Landfill
- OU3:**
King Highway Landfill
- OU2:**
Willow Blvd./A-Site Landfill
- OU1:**
Allied Paper Landfill



What's Next

- **Summer: Proposed Plans**
 - Willow Blvd/A-site
 - Plainwell/Otsego City
 - Public meetings/comment periods
- **Fall/Winter: Record of Decisions**
 - Willow Blvd/A-site
 - Plainwell/Otsego City

What's Next

- Summer/Fall negotiations:
 - 12th Street landfill: renegotiate consent decree with PRPs or issue legal order to conduct cleanup

What's Next

- Summer/Fall negotiations (cont.)
 - Downstream impoundments, Lake Allegan, and River: Start negotiations for RI/FS work

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