

# Indiana's Reservoir Habitat Enhancement Program: Four Lakes in Four Years



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# Indiana's Reservoir Habitat Enhancement Program

- 2015 program created
  - 5 year project schedule
  - Each project has project plan
    - Structure types
    - Structure placement locations
    - Budget
    - Timeline
  - Create website
  - Design and build boat
- 2016 Sullivan Lake
- 2016-17 Hominy Ridge Pond
- 2017-18 Cecil M. Harden Lake
- 2018-19 Monroe Lake
- 2019-20 Patoka Lake

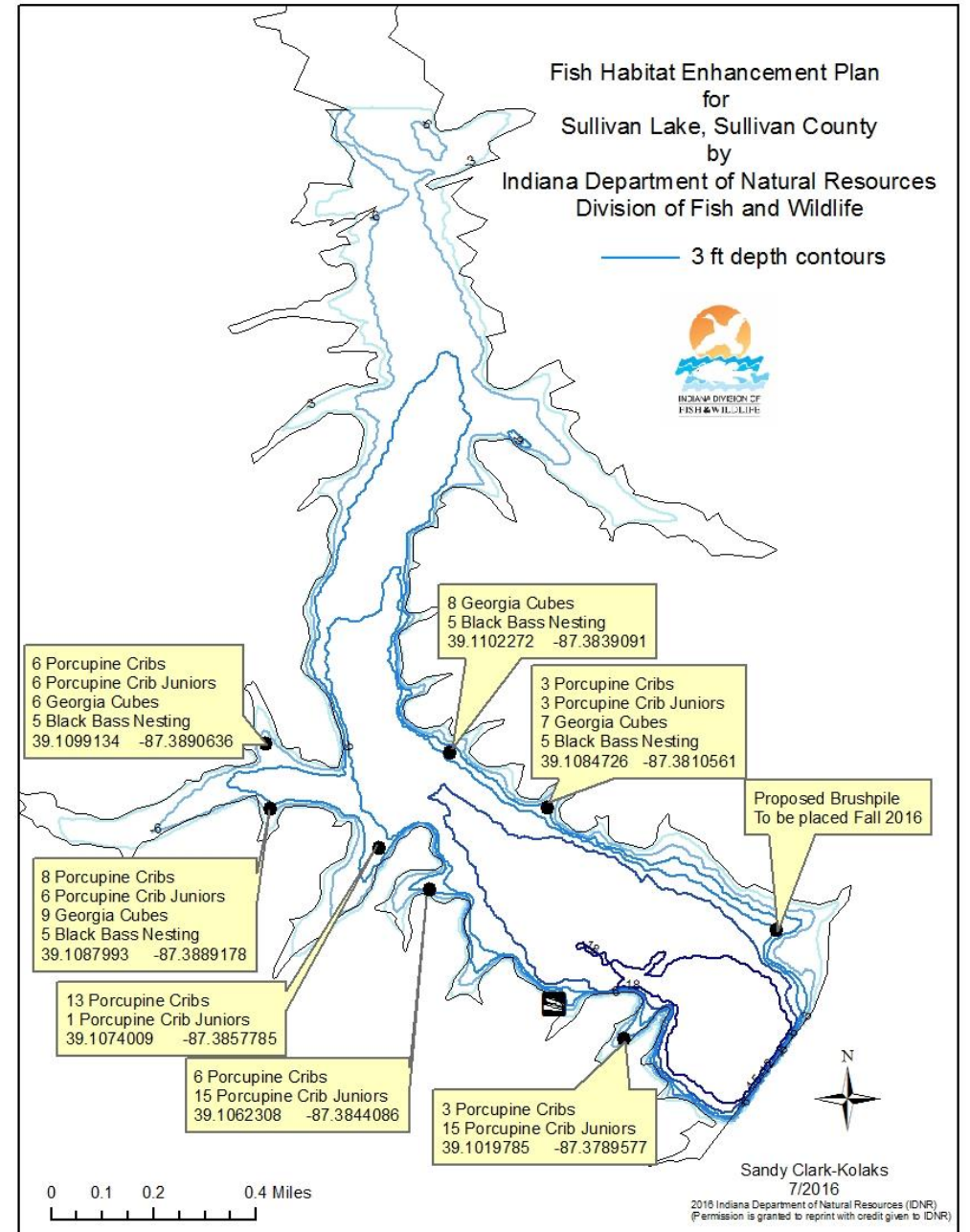


# Sullivan Lake (2016)

- 451 acres (135 structures)
  - 30 Georgia cubes
  - 20 Black bass nesting platforms
  - 39 Porcupine cribs
  - 46 Porcupine crib juniors
- 1 build day
  - 17 Volunteers
- Donations
  - 1000 ft. Corrugated drainage tile (Bass Unlimited)
  - 700 Concrete blocks (Jones & Sons)
- Enhance 9 acres

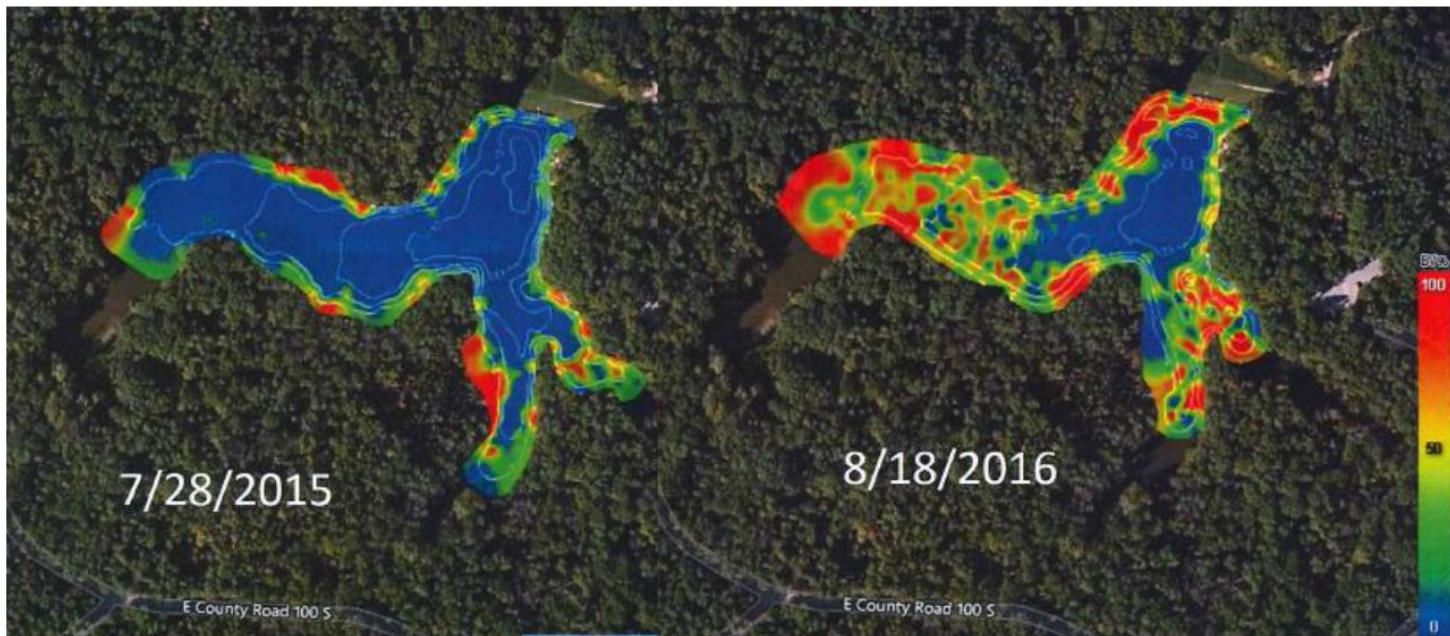


# Sullivan Lake



# Hominy Ridge (2016)

- 11 acres
  - Grass carp stocked to reduce vegetation
  - Spatterdock tubers transplanted



# Hominy Ridge



2016



2018

# Cecil M. Harden (2017-2020)

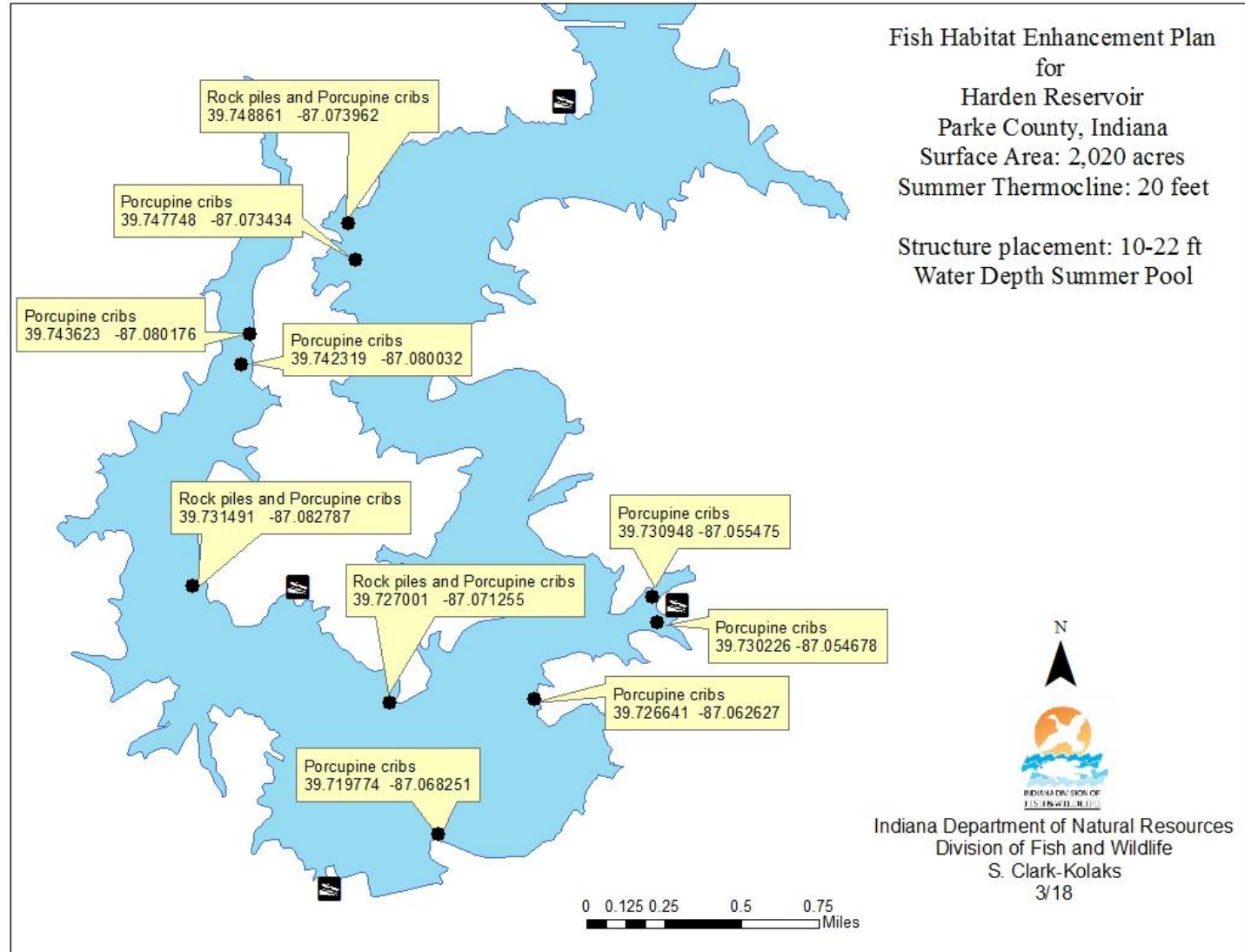
- 2,060 acres (220 so far)
  - 60 1 ton rock piles
  - 80 Porcupine crib juniors
  - 80 Porcupine cribs
  - Mossback structures
- 1 build day
  - 41 Volunteers
- Planned
  - 60 1 ton rock piles
  - 40 Porcupine crib juniors
  - 20 Porcupine cribs
- Enhance 29 acres

## Raccoon Habitat Enhancement Project



By: Sandy Clark-Kolaks & Andy Bueltmann

# Cecil M. Harden (2017-2020)





# Monroe Lake (2018-2019)

- 10,750 acres (297 structures)
  - 200 Pallet structures
  - 40 Hoosier cubes
  - 56 Porcupine crib juniors
  - 1 Porcupine cribs
- 5 build days
  - 43 Volunteers
- Donations
  - 850 pallets (Cook Medical, Inc.)
  - 400 blocks (Jones & Sons)
- Enhance 17 acres

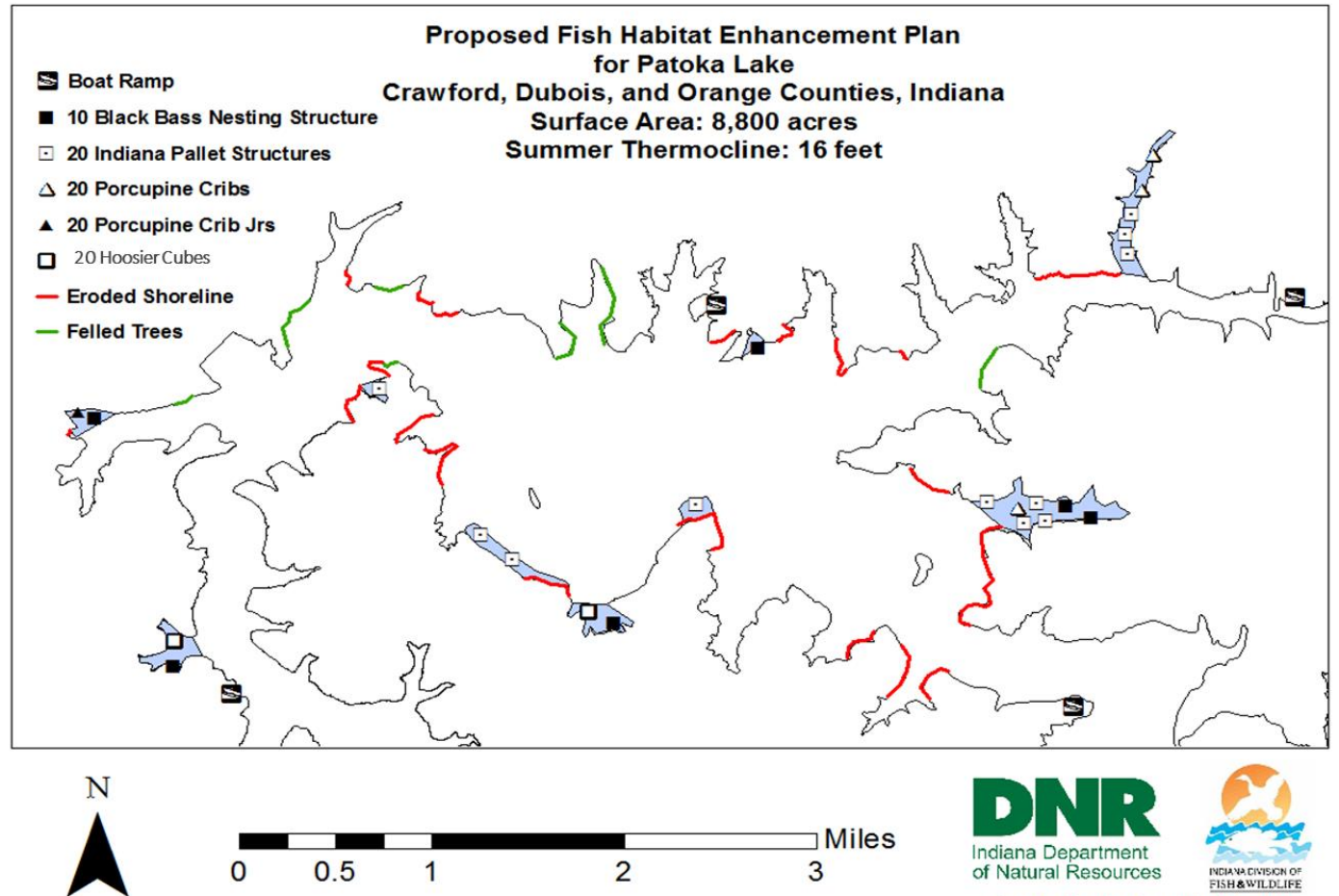


# Hoosier cube



# Patoka Lake (2019-2020)

- 8,800 acres (440 structures)
  - 260 Pallet structures
  - 60 Black bass nesting structures
  - 60 Porcupine cribs
  - 20 Porcupine crib juniors
  - 40 Hoosier cubes
- Enhance 32 acres
- Volunteer days
  - Winters 2019 and 2020



## Indiana Reservoir Habitat Enhancement Project *Monroe Lake*

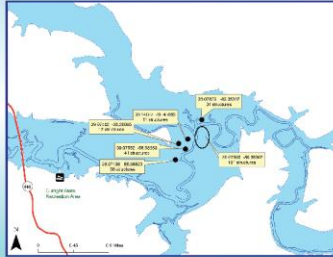
### Background

Indiana's reservoirs are aging and habitat that once existed has degraded. Indiana DNR is working to reset the clock on the state's reservoirs by adding artificial habitat. The Reservoir Aquatic Habitat Enhancement Program works to enhance aquatic habitat through the placement of habitat structures, shoreline stabilization, and dredging.



### Monroe Lake

In 2018 and 2019, Indiana DNR and partners worked to put nearly 300 artificial structures in a 17-acre area in Monroe Lake. Structures are located in 8-10 foot water depth (summer pool). Four different types of structures were used that will benefit largemouth bass, crappie, and walleye.



### Shallow Water Structure



*Pennsylvania porcupine crib junior*

fishing.IN.gov



### Deep Water Structures



*Pennsylvania porcupine crib*

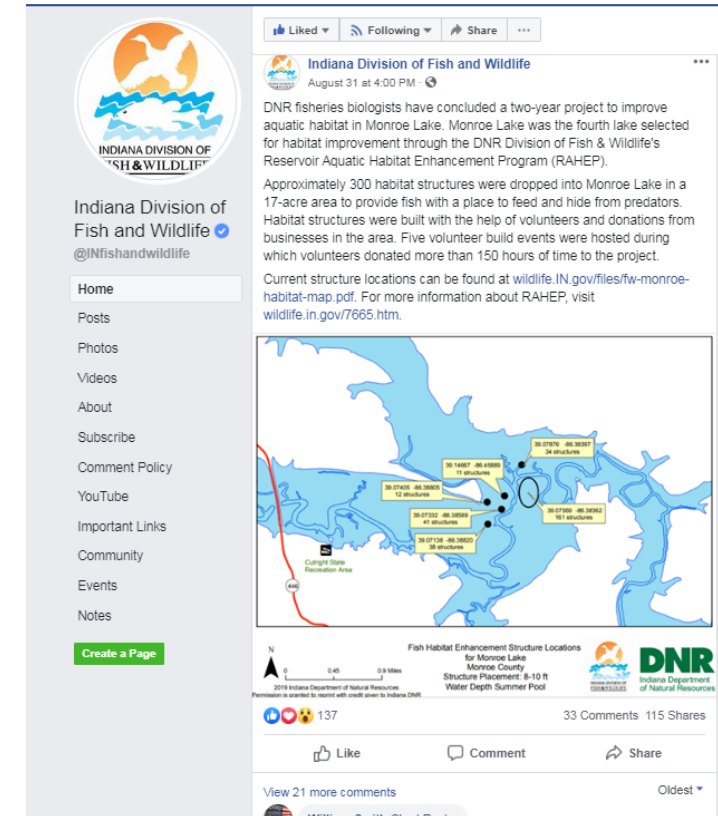


*Pallet structure*



*Hoosier cube*

- Website
  - [wildlife.IN.gov/7665.htm](http://wildlife.IN.gov/7665.htm)
- Signage
- Facebook
- Volunteer magnets



# Questions?

