

Post Office Box 37 Smithville, IN 47458 812 824-3230

Fax: 812 824-3240

January 18, 2023

To: Hoosier Aquatic Management

PO Box 1906

Indianapolis, IN 46206 US

Re: Request for Bids

The Winslow Farm Community Association (WFCA) is seeking bids for a comprehensive project to renovate five of its seven ponds by the end of 2023. The attached is the Request for Proposal outlining the requirements. The final bids are due by 4:00 p.m. on Wednesday, March 1, 2023. Contractors interested in submitting a proposal should submit a simple letter of intent by no later than 4:00 p.m. Tuesday, January 31, 2023 to the address listed above.

Questions concerning regarding details of the pond issues can be directed to Ted Boardman, WFCA Pond Project Liaison, at <a href="mailto:nation\_rustler\_ox@icloud.om">nation\_rustler\_ox@icloud.om</a> or (812) 961-1943. Generic contractual questions and arrangements for viewing the area may be directed to me at the following:

Sincerely,

Michael Dalton
Pegasus Properties, Inc
pegasus.properties@gmail.com

Phone: 812 824-3230

Fax: 812 824-3240



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January 18, 2023

To: PAF Construction 766 N Co. Rd. 950 E Seymour, IN 47274

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To: Eco-Systems, Inc.

6640 N Old State Rd 37 Bloomington, IN 47408 Phone: 812-339-6664

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### REQUEST FOR PROPOSAL

January 18, 2023

**OBJECTIVE:** The Winslow Farm Community Association Board of Directors is accepting proposals to restore ponds 3 through 7.

BACKGROUND: Winslow Farm is located north of Winslow Road and west of Highland Avenue.

WFCA maintains seven ponds as part of the stormwater flow that eventually drains into the ditch alongside East Winslow Road. In addition to runoff from the area streets and lawns, a significant amount of stormwater comes from property north of WFCA, as well as the recreational area of Winslow Park on the east side of South Highland. These ponds are showing their age of approximately 30 years with significant sediment and muck build up, as well as erosion encroaching upon residential property. The ponds are numbered from northeast to the southwest as ponds 1 through 7. The issues in Ponds 1 and 2 have been addressed within the last eight years. Dredged material was taken to Good Earth. Attachment A shows the overview of the neighborhood with the numbered ponds.

The banks encroaching on homeowner properties on pond 3 are of particular concern and need to be rebuilt to a safe distance and grade to prevent damage to nearby foundations. Attachment B locates the area in need of repairs.

Attachment C provides diagrams of recommended bank configurations for the installation of new liners. Please indicate the method that is being proposed. If a different configuration is recommended, please include a detailed explanation and diagram of the configuration and justification for using it.

To comply with professional recommendations designed to minimize future maintenance, we would like each pond to be a maximum of 6 feet deep, which is approximately 2 feet deeper than they were originally. Depth and sediment measurements from 2008 are provided in Attachment D.

### THE PROPOSAL SHOULD ADDRESS THE FOLLOWING ITEMS

**Aeration/Fountains:** A recirculation pump in pond 7 has not been operated for several years because of the shallow depth of that pond. It needs to be restored to normal operation. Once operational, it will pump water through an underground pipe up to pond 1.

During this project the pipes need to be inspected, repaired (if necessary) and protected during the project construction. WFCA will have Duke Energy run new electricity lines to service the pumps and fountains. The installation of the electrical line alongside each pond will need to be coordinated with the completion of this project.

### For Ponds 3 through 7:

- Drain and prepare for sediment removal.
- Protect the pipeline used to recirculate water from pond #7 to pond #1.
- Remove sediment and any existing riprap as needed.
- Remove the old liner.

- Grade and prepare the shoreline for liner installation.
- Install new **reinforced polyethylene** liner, geotextile and fittings to include accommodating gutter drains, street drains, and weirs.
- Install erosion mitigation stone above and below waterline and indicate the depth of the stone above and below the waterline.
- Accommodate installation of a buried power line and outlet box,
- Finish the shoreline with a 24" border of aggregate stones to provide moving access.
- Cleanup: smooth topsoil, seed, and straw all construction disturbed area, including the access area used in previous years next to the residential unit located on Winslow Farm Drive adjacent to pond #3.

### Pond 3:

- Install a sediment forebay at the north end of pond #3 at the bridge inlet with an access for future maintenance.
- Restore the eroded shoreline which is encroaching one of the residential units and provide a lawn area that would minimally allow a mower access to the area. See Attachment B.

### Pond 4:

As outlined above.

#### Pond 5:

- Restore the bank next to the residential unit located next to the pond, as well as strengthening the earthen berm next to the large cottonwood tree.
- Protect pump equipment for the pump installed beside the cottonwood tree.

### Pond 6:

Create a small sediment trap at the north end of pond #6 at the inlet of the corner of East Moss
 Creek Drive and East Winslow Farm Drive

#### Pond 7:

Remove and re-install recirculation components.

## **REQUIREMENTS:**

- 1. Include costs.
- 2. Include payment terms.
- 3. Specify estimated schedule to complete all the work in 2023.
- **4.** Assist in obtaining any required permits.
- **5.** Provide drawings or sketches of proposed options for each of the ponds, including the sediment forebay, sediment trap and proposed options for banks.
- **6.** Provide details as to the durability and warranty of the proposed liner.
- **7.** Provide information as to how the sediment will be properly disposed according to state and local regulations.
- **8.** Include a current certificate of insurance that includes worker's compensation or a valid independent contractor's affidavit from the State of Indiana.
- 9. Provide examples and references of successful similar pond restoration projects.

**10. Bid submission due by 4:00 p.m. on Wednesday, March 1, 2023** (If you plan to submit a bid, provide a letter of intent by January 31. 2023.)

WFCA reserves the opportunity to negotiate details of any accepted bid and/or submitted designs.

If you have any questions or would like a tour of the area, please contact Ted Boardman, WFCA Pond Project Liaison, at <u>nation\_rustler\_Ox@icloud.om</u> or (812) 961-1943.

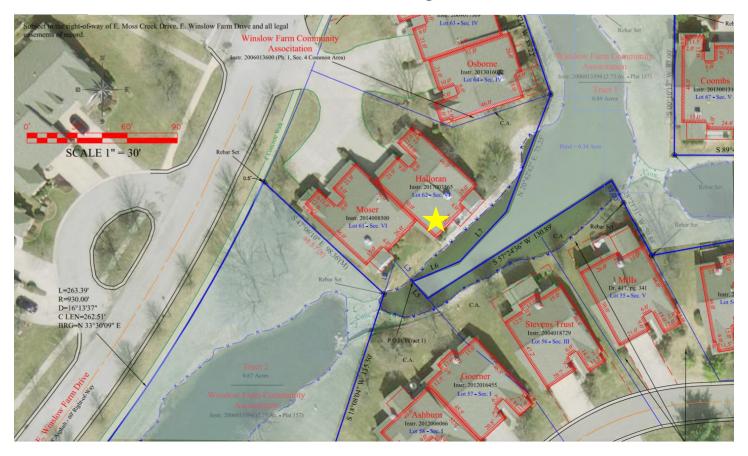
## **Attachment A: Overview of Winslow Farm Community Association**



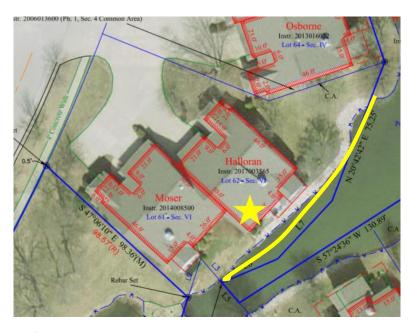


Ponds flow from 1 through 7 and into the ditch along East Winslow Road.

## ATTACHMENT B: Eroded shoreline encroaching residential unit.



The yellow star marks the residence being threatened by erosion. Note the current bank abuts the foundation of the deck.



The yellow line is an example of the requirement to restore the shoreline behind this unit.

#### Winslow Farm Pond System Depth Study May 17, 2008

Number	<b>Location De</b>	pth to Liner	Sediment	Comments .
VII	1	2 3/4 feet	< 3 inches	Naiad 1 ft. below surface
	2	3 ½	< 3	1 ½
	3	3 3/4	~ 4	
	4	3 3/4	~ 4	Very heavy Naiad Growth
	5	3 1/2	~ 3	1 ft below surface
	6	3 3/4	3	same
	7	2 ½	4	same
	8	3 3/4	2	
	8.5	3 3/4	0	rock bottom
VI	9	3 3/4	6	mostly Naiad
	10	4	3	not in sight, but on bottom
	11	4 1/4	6	
	12	3 ½	4	
	13	3 ½	< 1	
	13.5	2 1/4	12	Muck (black decayed weed
	14	3	< 1	Gravel bottom
V	15	4	15	Muck on bottom
	16	3 3/4	6	
	17	3 1/4	18	
IV	18	2 ½	8	Muck
	19	3 3/4	8	
	20	3 3/4	12	
	21	3 3/4	8	
	22	3	12	
	23	3	12	~30 ft from spillway
III	24	2 3/4	8	Muck
	25	2 3/4	12	
	26	3 ½	12	
	27	3 ½	15	
	28	3 3/4	30	Muck with soil on top
	28.5	3	20	
	29	3	18	
	30	3	24	
	30.5	2	12	
П	31	2 3/4	6	Muck
	32	2 ½	6	
	33	2 ½	6	
I	34	3 1/4	8	Muck
	35	3 1/4	8	
	36	3 ½	6	
	37	3 1/4	0	
	37.5	2 ½	6	