

# Auglaize County Sanitary Engineer

1014 SOUTH BLACKHOFF STREET • WAPAKONETA, OHIO 45895

PH. (419) 738-8945

DOUGLAS REINHART P.E.  
SANITARY ENGINEER



**Ohio Department of Natural Resources  
Division of Parks and Recreation  
Fountain Square, Columbus, Ohio**

**May 22, 2001**

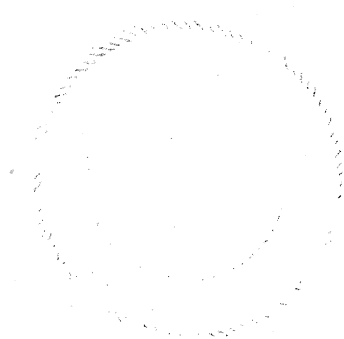
**In re: Flood Plain Permit  
East Bank, Grand Lake St. Marys  
Auglaize County, Ohio**

The proposed activity is to construct two breakwater piers along the east bank of Grand Lake St. Marys and one at Frey's Channel. The purpose of the proposed fill is an erosion control measure to protect the above-described areas.

Based upon the hundreds of millions of cubic yards of capacity of Grand Lake St. Marys versus the number of cubic yards of proposed fill for the breakwater projects, the proposed activity will not increase the Base Floodwater Elevation (BFE) of Grand Lake and will not create any additional backwater flooding.

The proposed improvement is approved for construction.

Douglas Reinhart, P.E., P., S.  
Auglaize County Sanitary Engineer  
Auglaize County Flood Plain Coordinator



## SPECIAL FLOOD HAZARD AREA DEVELOPMENT PERMIT APPLICATION

Application is hereby made for a DEVELOPMENT PERMIT as required by the Flood Damage Prevention Ordinance (Resolution) No. \_\_\_\_\_ for development in an identified flood hazard area. All activities shall be completed in accordance with the requirements of said Ordinance (Resolution). The development to be performed is described below and in attachments hereto. The applicant understands and agrees that:

- this permit is issued on the conditions and facts described;
- any permit may be repealed if conditions or facts change;
- permit void if the activity has not begun within 180 days of the issuance date;
- the permit will remain valid for one year from date of issuance.

Owner's Name: STATE OF OHIO/ODNR/DIV OF PARKS & REC  
Address: 1952 Belcher Dr. Bld. C3, Cols, OH  
Phone: 1-800-557-8410

Builder: ODNR/GLSM  
Address: 834 Edgewater Dr, St Marys, OH  
Phone: 419-394-3611

**NOTE:** In addition to completion of this form the applicant agrees to submit any additional information required by the administrator in order to determine that the proposed development is compliant with the local and federal flood damage prevention criteria of the National Flood Insurance Program. Additional information may include but is not limited to: site specific plans to scale showing the nature, location, dimensions and elevations of the area and structure(s) in question.

### DESCRIPTION OF WORK

1. Location of proposed development site-address: EAST EMBANKMENT/GRAND LAKE ST MARYS  
legal description: \_\_\_\_\_

2. Kind of development proposed:

new building	_____	existing structure	_____	filling/grading	<u>X</u>
residential	_____	alteration	_____	mining/dredging	_____
nonresidential	_____	addition	_____	watercourse	_____
installation	_____	accessory	_____	alteration	_____
manufactured home	_____	materials storage	_____	other *	_____

\* Describe activity: CONSTRUCTION OF BREAKWATER PIER, EAST BANK 1ST SHELTER, EAST BANK  
3RD SHELTER, FREYS CHANNEL.

3. If the proposed construction is an alteration, addition or improvement to an existing structure, indicate the cost of proposed construction \$ N/A. What is the estimated market value of the existing structure \$ N/A?

**NOTE:** An existing structure must comply with the flood protection standards if it is substantially improved (an improvement equal to or greater than 50% of the market value of the structure). FEMA maintains that the "substantial improvement" definition applies to existing structures only and that once a structure meets the definition of "new construction" any further improvements to that structure must meet "new construction" requirements. For floodplain management purposes "new construction" means structures for which "start of construction" began on or after the effective date of the initial Flood Insurance Rate Map issued by FEMA for the community.

4. Does proposed development involve a subdivision or other development containing at least 50 lots or 5 acres (whichever is less) Yes \_\_\_\_\_ No X?

**NOTE:** If yes, base flood elevation data is required from applicant if it has not been provided by FEMA.

I AGREE THAT ALL STATEMENTS IN AND ATTACHMENTS TO THIS APPLICATION ARE A TRUE DESCRIPTION OF THE EXISTING PROPERTY AND THE PROPOSED DEVELOPMENT ACTIVITY. I UNDERSTAND THE DEVELOPMENT REQUIREMENTS FOR SPECIAL FLOOD HAZARD AREA ACTIVITIES PER THE APPROPRIATE ORDINANCE (RESOLUTION) AND AGREE TO ABIDE THERETO. I UNDERSTAND IT IS MY RESPONSIBILITY TO OBTAIN ALL APPLICABLE FEDERAL, STATE AND LOCAL PERMITS.

Applicant's Signature: \_\_\_\_\_

Date: 5, 7, 01

## ADMINISTRATIVE

**NOTE:** The following is to be completed by the local floodplain administrator. All references to elevations are in feet mean sea level (m.s.l.). The term base flood elevation means the same as the 100-year elevation.

5. Is the proposed development located in:
- ☐ an identified floodway
  - ☒ a flood hazard area where base flood elevations exist with no identified floodway
  - ☐ an area within the floodplain fringe
  - ☒ an approximate flood hazard area (Zone A). If yes, complete only 6a in the following question. See No. 9.

**NOTE:** Floodway development must demonstrate through hydrologic and hydraulic analysis, performed in accordance with standard engineering practice, that no increase in base flood elevation will result during occurrence of the base flood discharge. If base flood elevations exist with no floodway delineation, hydrologic and hydraulic analysis is required to demonstrate not more than one foot increase at any point to the water surface elevation of the base flood.

- 6a. Does proposed development meet NFIP and local General Standards at Section \_\_\_\_\_ of your regulations?
- ☒ Construction materials and methods resistant to flood damage
  - ☐ Anchored properly
  - ☐ Subdivision designed to minimize flood damage
  - ☐ Utilities safe from flooding

- 6b. Does proposed development meet NFIP and local Specific Standards at Section \_\_\_\_\_ of your regulations?
- ☐ Encroachments - proposed action will not obstruct flood waters.
  - ☐ Proposed site grade elevations if fill or topographic alteration is planned.
  - ☐ Proposed lowest floor elevation expressed in feet mean sea level.
  - ☐ Proposed floodproofed elevation expressed in feet mean sea level (nonresidential only).

7. Base flood elevation (100-year) at proposed site 873 feet m.s.l.  
Data source FEMA MAP  
Map effective date 9/6/1989 Community-Panel No. 39011C.0090

8. Does the structure contain:  
No basement \_\_\_\_\_ enclosed area other than basement below lowest floor?

9. For structures located in approximate A zones (no BFE available) the structure's lowest floor is N/A feet above the highest grade adjacent to the structure.

10. The proposed development is in compliance with applicable floodplain standards.  
PERMIT ISSUED ON 5/22/01.

11. The proposed development is not in compliance with applicable floodplain standards.  
PERMIT DENIED ON \_\_\_\_\_  
Reason: \_\_\_\_\_

**NOTE:** All structures must be built with the lowest floor, including the basement, elevated or floodproofed to or above the base flood elevation (100-year) unless a variance has been granted. Only nonresidential structures may be floodproofed.

12. The proposed development is exempt from the floodplain standards per Section \_\_\_\_\_ of the Flood Damage Prevention Ordinance (Resolution) No. \_\_\_\_\_

Administrator's Signature: Douglas P. Pankratz, P.E., A.S. Date: 5/22/01 SEE ATTACHMENT

13. The certified as-built elevation of the structure's lowest floor is \_\_\_\_\_ feet above msl. \*

14. The certified as-built floodproofed elevation of the structure is \_\_\_\_\_ feet above msl. \*

**Note:** \* Certification by registered engineer or land surveyor documenting these elevations is necessary if elevations are provided by applicant.