

# Memorandum

To : Environmental Services

Date : April 4, 1984

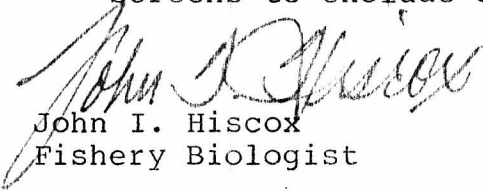
From : Department of Fish and Game - Region 2

Subject: Water Application #27921

On March 22, 1984, Larry Preston and I inspected the proposed site (T20N, R2W, S18 MDB&M). The area consists of agricultural land containing grids of ditches and historical drainage channels. The "unnamed natural drain" referred to in the applications consists of an 6-10 ft. wide historical channel containing an abundance of wildlife and aquatic habitat. Riparian habitat consists of woody plants and weeds as well as grasses. Aquatic vegetation is abundant. Estimated flow on the inspection date was between 0.5 to 1.0 cfs, with freshwater clams, aquatic insects and bull-frog tadpoles seen. Adult pheasants and four pairs of mallards were also seen in the subject section. The subject waterway provides the only significant wildlife habitat within a two-mile area.

Due to the paucity of wildlife habitat in the area and the complex water-distribution system currently in use, I recommend the following:

- 1) All riparian vegetation be left intact. No ditch or waterway modification allowed.
- 2) Pumping be allowed as long as a minimum of two cfs flow is continuously bypassed downstream from the diversion point.
- 3) Pump installation include recessed intake with surge sill and screens to exclude aquatic organisms one inch and larger.

  
John I. Hiscox  
Fishery Biologist

cc: Wdn. Owens, Bill Thornton, J. Ryan, R. Beland

L JIH:ds

# Memorandum

Richard Belmont

Date: 3/14/84

Theresa L. Smith

From : Department of Fish and Game - Region 2

Subject: Environmental Impact Report and/or Project Review

Water app # 27921, John M. Company, Okefenokee Co.

The attached environmental impact report or project information is being sent to you for action as indicated below.

- Review and comment to Environmental Services by Cynthia S. 3/17/84.
- Review and prepare draft letter of comment for signature of Director/Regional Manager by \_\_\_\_\_.
- Please contact \_\_\_\_\_.
- Take action you believe appropriate.

Please indicate below the type and amount of habitat affected by this project and return this form with your comments.

<u>Habitat</u>	<u>Acres</u>	<u>Habitat</u>	<u>Acres</u>
Grassland	<u>8</u>	Open Water	
Deciduous Forest	_____	a. lakes	_____
Coniferous Forest	_____		
Chaparral	_____		<u>Miles</u>
Agriculture	<u>60</u>	b. streams	<u>1/2 mile</u>
Wetlands			
a. riparian	<u>3000 / 100 ft. x 20 ft. slope</u>		
b. marsh	<u>2500 / 100 ft.</u>		
c. meadows	_____		
Developed Areas (i.e., residential, commercial, etc.)	_____		

No comments

Jerry Mensch  
Environmental Services Supervisor  
Region 2

John S. O'Connell  
Reviewer's Signature

3/22/84  
Date

cc: Wildlife Unit Supervisor or  
District Fisheries Supervisor