



Office of Natural Resource Protection

Biological Resources Division 500 E. Broward Blvd., Suite 104 Fort Lauderdale, FL 33394 (305) 765-5181

DREDGE AND FILL LICENSE

APPLICANT:

LICENSE NO. DF93-1134 PROJECT: Menorah Gardens Wetland Fill. Mitigation

Menorah Gardens c/o Robert H. Miller & Associates, Inc. 1800 North Douglas Road, Suite 200 Pembroke Pines, FL 33024

This license is issued under the provisions of Chapter 27 of the Broward County Code of Ordinances also cited as Broward County Natural Resource Protection Code hereinafter called the Code. The above-named applicant, hereinafter called licensee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications as submitted by applicant, and made a part hereof and specifically described as follows:

Description of Work: Expand an existing cemetery by filling approximately 4.4 acres of wetlands with approximately 21,296 cubic yards of clean fill material. This work has been completed and this license is issued after-the-fact.

Compensation for impacts to 4.4 acres of melaleuca degraded sawgrass marsh shall include the creation of 2.9 acres of long hydroperiod diverse freshwater marsh.

This project is located at 21100 West Griffin Location of Work: Road in Section 34, Township 50 South, Range 39 East unincorporated Broward County.

Construction shall be in accordance with Application DER Form 17-1.312.900(1) and the DNRP Addendum, both dated 4/21/93, plans dated 10/18/93 by the Department (attached), and all General and Specific Conditions of this license.



DREDGE AND FILL LICENSE

GENERAL CONDITIONS

- 1. The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and enforceable by the Office of Natural Resource Protection (ONRP) pursuant to Chapter 27 of Broward County Code of Ordinances. The ONRP will review this license periodically and may revoke the license, initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives or principals.
- 2. This license is valid only for the specific uses set forth in the license application and any deviation from the approved uses many constitute grounds for revocation and enforcement action by the ONRP.
- 3. In the event the licensee is temporarily unable to comply with any of the conditions of the license, the licensee shall notify the ONRP within twelve (12) hours. Within five (5) working days of the event, the licensee shall submit a written report to the ONRP that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention toward repair, replacement, and reconstruction of destroyed facilities, and a schedule of action leading toward operation within the license conditions.
- 4. The issuance of this license does not convey any vested rights or exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations.
- 5. This license must be available for inspection on licensee's premises during the entire life of the license.
- 6. By accepting this license, the licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, that are submitted to the ONRP, may be used by the ONRP as evidence in any enforcement proceeding arising under Chapter 27 of the Broward County Code of Ordinances, except where such use is prohibited by Section 403.111, Florida Statues.
- 7. The licensee agrees to comply with Chapter 27, Broward County Code of Ordinances, as amended.
- 8. Any new owner of a licensed facility shall apply by letter for a transfer of license within thirty (30) days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for, and is granted to transfer of license. The transferee shall also be liable for performance in accordance with the license.
- 9. The licensee, by acceptance of this license, specifically agrees to allow access to the licensed source at reasonable times by ONRP personnel for the purposes of inspection and testing to determine compliance with this license and Chapter 27, Broward County Code of Ordinances.
- 10. This license does not constitute a waiver or approval of any other license that may be required for other aspects of the total project.
- 11. If the licensee wishes to renew the license or extend its term, the licensee shall make application sixty (60) days prior to its expiration. Expired licenses are not renewable.
- 12. In addition to the general conditions set forth above, each license issued by the ONRP shall contain specific conditions determined by site conditions and requirements pursuant to the regulations as determined by the Director of ONRP. Licensee agrees that specific conditions are enforceable by the ONRP for any violation thereof.

License No.

DF93-1134

APPLICANT:

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Menorah Gardens

SPECIFIC CONDITIONS:

A. Standard

1. Notify the Department in writing a minimum of 48 hours prior to project commencement and a maximum of 48 hours after project completion.

- Notify the Department immediately in the event of any project caused environmental problem(s).
- All project generated solid waste and/or spoil material must be disposed of in a suitable approved manner at an upland location.
- 4. Turbidity screens or equivalent shall be properly employed and maintained as necessary during construction activities so that turbidity levels do not exceed 29 NTU's above natural background 50 feet downstream of project.

B. Compensatory Mitigation (Area)

- 1. Construction and installation of the Area shall be in accordance with plans dated 10/18/93 by the Department (attached) and associated information. The Area shall be installed within six (6) months of the issue date of this license.
- Within thirty (30) days of completion of the Area, the following documentation shall be submitted to the Department: (a) certification of elevations in relation to design, (b) verification of actual acreage, and (c) the time-zero monitoring report.
- 3. A viable wetland system shall be established that replicates a natural reference wetland in basic structure and function. In order to assure that the Area becomes self-sustaining, the following criteria shall be met:
 - a) A minimum of 80% coverage by desirable wetland species after a two (2) year period and demonstration of persistence for three (3) additional years.
 - b) Less than 5% coverage by invasive exotic and undesirable species. Exotic and undesirable species include, but are not limited to, melaleuca, Australian pine, Brazilian pepper, bischofia, torpedo grass, primrose-willow, and cattail.
 - c) A minimum of 80% survival of each planted species. This rate shall be maintained each quarter except where species composition, density of planted and recruitment species and overall wetland condition, growth rates and viability of the Area are of higher quality, as determined by the Department.
 - d) Hydrologic conditions and soil characteristics are in general conformity to those specified in plans.

The Area shall be monitored and reports submitted quarterly for five (5) years describing in detail the condition of the Area relative to the reference wetland and the criteria listed above (B. 3.a-d).

License No.

DF93-1134

APPLICANT:

Menorah Gardens

SPECIFIC CONDITIONS:

- Should the Department determine that the Area is not achieving the listed criteria during some portion of the monitoring period, the licensee shall prepare contingency plans that demonstrate clearly how the problem(s) will be corrected and submit such plans immediately to the Department for approval.
- Menorah Gardens, as licensee, is the responsible entity.
- C. A COPY OF THIS LICENSE SHALL BE KEPT ON SITE DURING ALL PHASES OF LICENSED CONSTRUCTION.

Reviewed and recommended for approval

I have read the terms, conditions, requirements, limitations and restrictions set forth herein, I accept and agree to abide by all such provisions.

or authorized agent) Signature (Applicant

Manorah Gordans.

Issued this 29th day of _

October

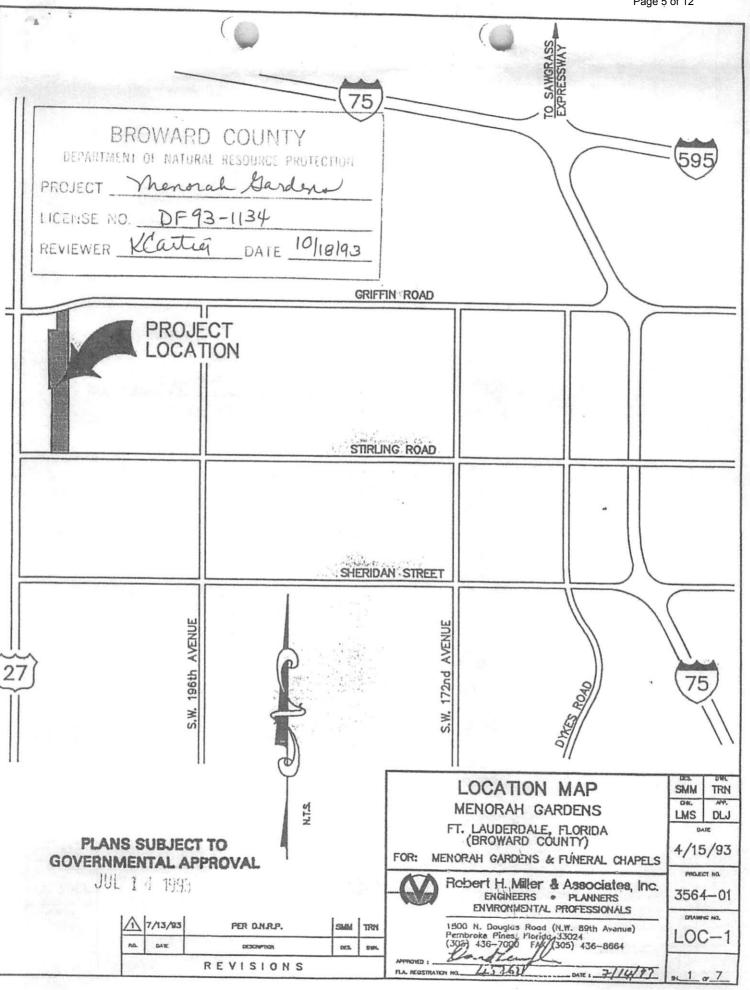
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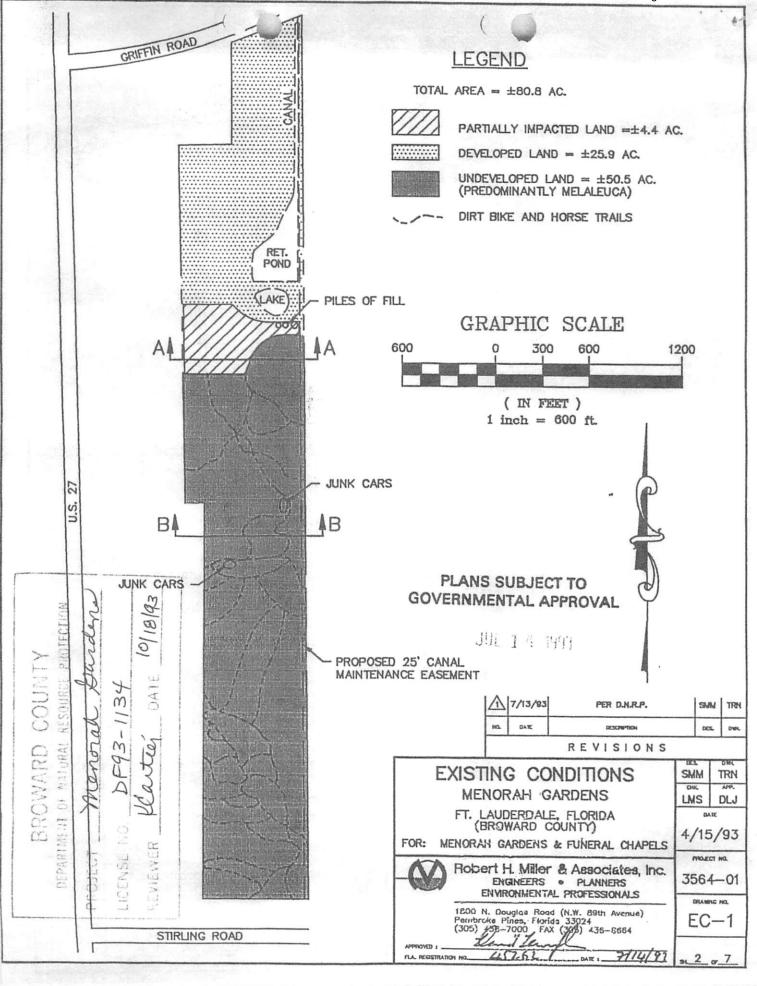
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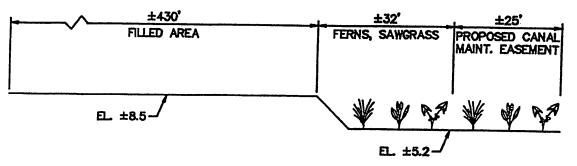
October 29, 1998

Broward County Department of Natural Resource Protection

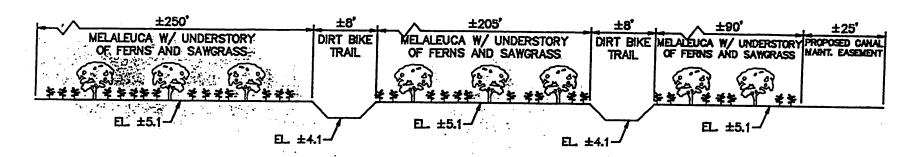
nn J. Goldasich, Director logical Resources Division







CROSS SECTION 'A - A'



CROSS SECTION 'B - B'

PROWARD COUNTY 1000 MARCHAR REPRESENTED THE PROPERTY OF MENONA GALLERS 1000 MARCHAR MC DF93-1134 PREVIOUS KCATTER DATE 10/18/93

PLANS SUBJECT TO GOVERNMENTAL APPROVAL

JHL 1 4 1997

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NO.	DATE	(230430)	pr3.	Dan.

EXISTING CONDITIONS CROSS SECTIONS MENORAH GARDENS

FT. LAUDERDALE, FLORIDA (BROWARD COUNTY)

FOR: MENORAH GARDENS & FUNERAL CHAPELS

(1)

Robert H. Miller & Associates, Inc. ENGINEERS • PLANNERS ENVIRONMENTAL PROFESSIONALS

1800 N. Dougles Rood (N.W. 89th Avenue) Pembroke Pines, Borldo 33024 (305) 438-7000 FAX (305) 438-3864

A RESERVATION NO. 429-61 DASE: 7/(4/1

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DATE

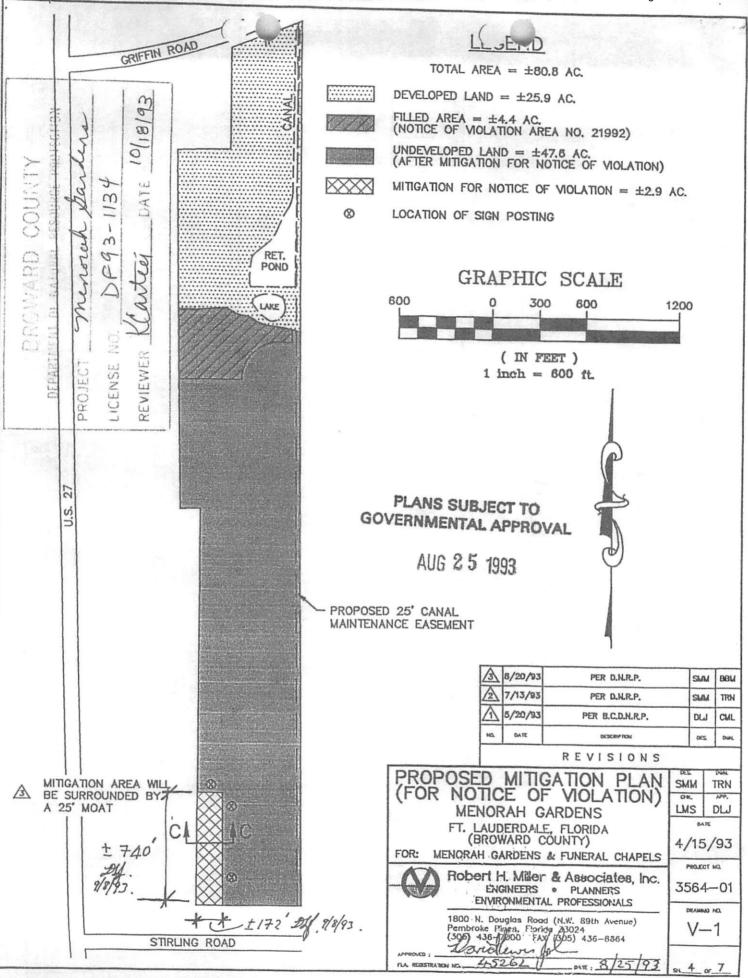
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PROJECT NO.

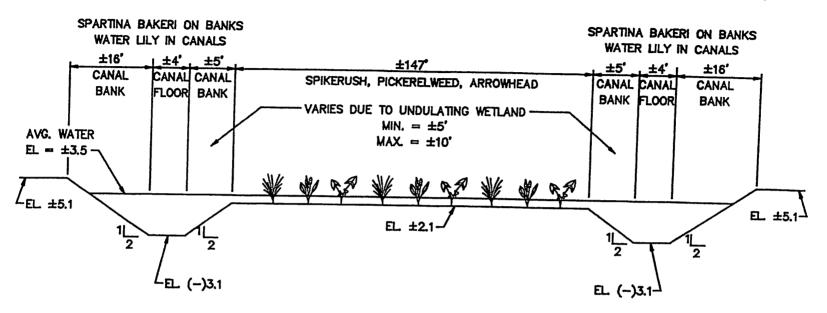
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EC-2

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±172°



AVG. WATER DEPTH = ±6.6°

CROSS SECTION 'C - C'

PROSE MENORAL BANDENS
LIGENSE 12 DF93-1134
REVIEWER YCartrés DATE 19/18/93

PLANS SUBJECT TO GOVERNMENTAL APPROVAL AUG 2 5 1993

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			REVISIONS			

PROPOSED MITIGATION CROSS	MMS	TRN			
	OK.	APP.			
MENORAH GARDENS	LMS	DLJ			
FT. LAUDERDALE, FLORIDA	DATE				
(BROWARD COUNTY) FOR: MENORAH GARDENS & FUNERAL CHAPELS	4/15/93				
Robert H. Miller & Associates, Inc.	PROJECT NO.				
ENGINEERS PLANTERS ENVIRONMENTAL PROFESSIONALS	3564-01				
1800 N. Douglon Road (N.W. Boss J	DRAMAID	NO.			
Pembrake Pints, Florigh 33024 (305) 436-8664	MP-	-2			
PLA SECURATION IN LAST 25/93	<u> </u>				

P'ANTING SCHEDU

QUANTITY

SPECIES

SPACING

SIZE

500 500 500 500 2,000 (PLUGS) PONTEDERIA LANCEOLATA (PICLERELWEED)
ELEOCHARIS SPP. (SPIKERUSH)
SAGITTARIA LANCIFOLIA (ARROWHEAD)
NYMPHAEA ODORATA (FRAGRANT WATER LILY DISPERSED
SPARTINA BAKERI (CORDGRASS)

3' O.C. 3' O.C. 3' O.C. DISPERSED DISPERSED

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SPECIFICATIONS

GENERAL:

- 1. ALL PLANT MATERIAL SHALL BE INSTALLED ON SITE MUCK IN ACCORDANCE WITH SOUND HORTICULTURE PROCEDURES AS SET FORTH BY THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS.
- 2. ALL PLANT MATERIAL TO BE FLORIDA Nº1 OR BETTER.

GUARANTEE:

- 1. ALL PLANTS SHALL BE GUARANTEED FOR 100% SURVEYORSHIP FOR A PERIOD OF 1 YEAR.
- I. SOURCE OF PLANTS

A MITIGATION CONTRACTOR HAS NOT YET BEEN SELECTED. LOCATING THE APPROPRIATE PLANTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.

II. MONITORING PLAN

THE MONITORING PLAN WILL INCLUDE A TIME ZERO REPORT AND QUARTERLY REPORTS FOR (5) FIVE YEARS. (TOTAL OF 21 REPORTS).

- A. EACH REPORT WILL INCLUDE:
 - (1) A SUMMARY OF VISUAL FIELD OBSERVATIONS, WITH COMMENTS AND RECOMMENDATIONS FOR PERMIT COMPLIANCE.
 - (2) A PHOTOGRAPHIC RECORD.

COUNTY
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1134
CALL 10/18/93

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THE LANGUAGE "WETLANDS PRESERVATION AREA / MECHANICAL OR CHEMICAL TREATMENT PROHIBITED" WILL APPEAR ON SIGNS THREE FEET IN HEIGHT.

A TOTAL OF THREE (3) SIGNS WILL BE PLACED ALONG THE EDGES AND WITHIN THE. MITIGATION AREA.

MAINTENANCE PLAN

MAINTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS INCLUDED IN THE MONITORING REPORTS.

PLANS SUBJECT TO
GOVERNMENTAL APPROVAL

AUG 25 1993

/13/93	PER D.N.R.P.	SMM	TRN
DATE	DESCRIPTION	OC3.	DWAL

PLANTING SCHEDULE (FOR NOTICE OF VIOLATION)

MENORAH GARDENS FT. LAUDERDALE, FLORIDA (BROWARD) COUNTY)

FOR: MENORAH GARDENS & FUNÉRAL CHAPELS

(A)

Robert H. Miller & Associates, inc. ENGINEERS • PLANNERS ENVIRONMENTAL PROFESSIONALS

1800 N. Douglas Road (N.W. 89th Avenue) Pembroke Pines, Floride 33024 (305) 438-7000 FAX (305) 438-8884

ENDSTRATION NO. 4506 DATE: 8/25/97

3564-01 praised no. PS-1

4/15/93

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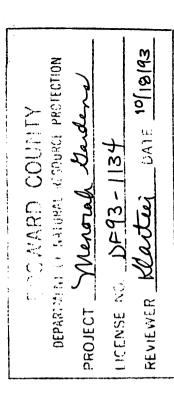
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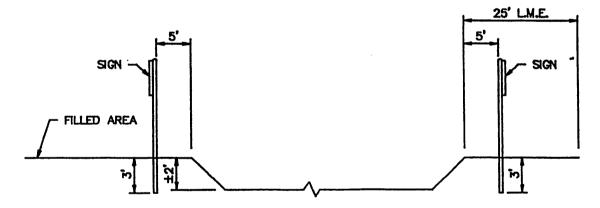
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WETLAND PRESERVATION AREA

MECHANICAL OR CHEMICAL TREATMENT PROHIBITED

"WETLAND PRESERVATION AREA" SIGN 24" × 24"



TYPICAL SIGN LOCATION

PLANS SUBJECT TO GOVERNMENTAL APPROVAL

JUL 14 776

Δ	7/13/93	PER DARP.	SMM	TRON
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SIGN DETAIL MENORAH GARDENS

FT. LAUDERDALE, FLORIDA (BROWARD COUNTY)

FOR: MENORAH GARDENS & FUNERAL CHAPELS

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Robert H. Miller & Associates, Inc. ENGINEERS • PLANNERS ENVIRONMENTAL PROFESSIONALS

1800 N. Dougles Road (N.W. 89th Avenue) Pembroke Pines, Flaridg/33024 (.505) 436-7000 FAY/(305) 436-8584

PLA REGISTRATION NO. 15162 GATE: 3/14/91

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CAIZ			
4/15/93			
PROJECT NO.			
3564	356401		
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MENORAH GARDENS REFERENCE WETLAND: THE EVERGLADES SYSTEM Broward County File No. 01103

Historically, the project site that is to be impacted was encompassed by the Everglades system which makes it the appropriate reference wetland. The intent of the subject mitigation is to mimic the long hydroperiod found in the Everglades marsh. This type of habitat is represented by an aquatic area with herbaceous plant species. This type of ecosystem provides a medium capable of supporting a wide variety of fish and birds. Natural migration of desired vegetation is anticipated which will provide for a higher survival rate during times of seasonal and climactic changes.

DEPARTMENT DEPARTMENT DEPARTMENT DEPARTMENT DEPARTMENT DE MANGE DE LICENSE NO DE 93-1134

REVIEWER KCartier DAIS 19/18/93