

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

MINING/DEWATERING PERMIT APPLICATION (RC-1A, RC-1W, RC-1G)

For all DEWATERING Water Uses for Mining or Construction

General and Specific Authority, Chapter 373, State Statutes, 40E-2 and 40E-20 Florida Administrative Code and Basis of Review, Vol III, South Florida Water Management District.

A. GENERAL INFORMATION

1. Name of Owner, Responsible Entity, etc.

Name: Florida Municipal Power Agency **Project Name:** Cane Island Unit 4

Address: 8553 Commodity Circle

City: Orlando **County:** Orange **State:** FL **ZIP:** 32819-9002

Phone: 407-355-7767 **Cell Phone:** Not Applicable **Fax:** 407-355-5794 **E-mail:** Not Applicable

2. Proof of Ownership is required, in the form of a Deed, tax certificate, lease, or Articles of Incorporation

ATTACH Proof of Ownership to this Form

3. Name of Engineer, Contractor or Other.

Name: (Later) **Firm:** EPC Contractor

Address:

City: **County:** **State:** **ZIP:**

Phone: **Cell Phone:** **Fax:**

4. Is this a **New Permit** ☒ **Renewal/Modification** ☐ **Permit No.:**

5. Will this Permit be a **General Permit (short-term dewatering; Chapter 40E-20.302 F.A.C.)** ☐ or an **Individual Permit** ☒

6. Has a Surface Water Management Permit or Environmental Resource Permit from the District been issued for this Project? **Permit No.:** No

or has a Surface Water Management Permit or Environmental Resource Permit from the District been applied for?

Application No.: Application Pending

7. What are the: **Total number of days for the Project:** Approximately 180.

Total Pumpage (gallons per day) for the Project: 0.6 MGD **Maximum gpd pumpage** 1.3 MGD

8. To process this Application, a fee of \$500 for a General and between \$1,800.00 and \$4,000.00 for an Individual Permit is required (see Chapter 40E-1.607, F.A.C.).

ATTACH Application fee to this Form

9. Please Identify any Staff member you have discussed this Application with:

B. LOCATION OF THE PROPERTY

1. General Location of the Property/Project

County: Osceola **City:** Kissimmee

Section 29,32 **Township** 25S **Range** 28E (or Land Grant Name)

2. Please submit: **Location Map**, (8¹/₂ x 11), showing location of the project in relation to major roads.

ATTACH Location Map to this Form

3. An aerial photograph of the entire project site is required.

ATTACH an aerial photograph

C. PROJECT DESCRIPTION (if more room is needed attach additional pages)

1. Describe the mining/dewatering operation:

2. Describe the method of excavation:

3. What is the maximum elevation of excavation:

4. What is the maximum elevation of dewatering:

5. Describe the areas that will be mined/dewatered. Indicate if there are several sections/phases:

6. Describe the method of dewatering (Pumps, wellpoints, etc.):

ATTACH Table A (for wells) and/or Table B (for pumps) to this Form

7. Provide calculations to show how flow volumes were derived. What is the Maximum day and Average day pumpage, in gallons per minute, for each section/phase.

ATTACH Calculations (on a separate sheet) to this Form

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D. DEWATERING WATER DISCHARGE (if more room is needed attach additional pages)

1. Describe and indicate for each section/phase, where dewatering water will be discharged or stored:
 2. Will all dewatering water be retained on site? The Applicant must demonstrate if it is not feasible to retain water on-site and provide information as described in Section 2.5.2 (4) of the Basis of Review.
ATTACH, if needed, feasibility report and all supporting information (Section 2.5.2 (4) B.O.R.)
 3. Describe any methods that will be utilized (settling tanks, berms, turbidity screens, recharge trenches, etc.) in order to protect sensitive areas from dewatering discharge:
 4. Identify all wetland or sensitive areas on or adjacent to the project or which may be impacted by the project:
 5. Note: It may be necessary to provide modeling to provide reasonable assurances that there are no harm to wetland areas due to the project's withdrawals or discharges.
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E. POLLUTION AND CONTAMINATION

1. Describe and locate all sources of contamination or pollution and the location of the nearest saline water.
Note: It may be necessary to provide modeling to provide reasonable assurances that there are no adverse impacts due to the proposed withdrawals or discharges.
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F. SITE PLANS AND PHASE INVENTORY

1. **Provide a Plan View:** The Plan view should show the site in relation to adjacent roads/canals/open water, property boundaries, sections/phases to be dewatered, discharge areas, wells, wellpoint systems, pumps, areas of discharge, contamination areas, retention or settling tanks, etc. and all wetland or sensitive areas as well as protective devices such as berms, turbidity screens, recharge trenches, etc. and the location of any monitoring points or wells, etc.
 2. **Provide a Profile View:** The Profile view should show cross-sections across the areas to be dewatered and indicate the maximum depth of excavation, maximum depth of dewatering, water table elevation, land surface elevation, berm elevation, recharge trenches and wetland areas.
 3. **If more than one phase of dewatering is proposed, provide, in a spread sheet format, an Inventory of Dewatering Phases.** The Inventory should include the phase, start date, number of days for dewatering, maximum day gpm, average day gpm and total pumpage for the phase.
ATTACH Plan View, Profile View and Phase Inventory (if needed) to this Form
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G. ATTACHMENTS

1. Please make sure you have included the following attachments with your Application:

☒	Proof of Ownership	☒	Location Map
☒	Plan View	☐	Profile View
☐	Table A for wells	☐	Table B for pumps
☐	Pumpage Calculations	☐	Phase Inventory (if necessary)
☐	Application Fee (see Form XXXX)	☒	Aerial Photograph
☐	Feasibility report and supporting information for off-site discharge (if needed)		
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F. CERTIFICATION

I hereby certify that, to the best of my knowledge, the total project acreage listed above is owned or controlled by me and encompasses the project referenced in this permit application. In addition, I agree to provide entry to the project site for South Florida Water Management Inspectors with proper identification or documents as required by law for the purpose of making analyses of the site. Further, I agree to provide entry to the project site for such inspectors to monitor permitted work if a permit is granted. If this application is not complete within 240 days, it may be denied pursuant to Rule 40E-1.603, Florida Administrative Code.

Print: Name of Owner or Authorized Agent Title

Signature Date
