



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
4400 PGA BOULEVARD, SUITE 500
PALM BEACH GARDENS, FLORIDA 33410

Regulatory Division

February 14, 2012

DEPARTMENT OF THE ARMY PERMIT
PROGRAMMATIC GENERAL PERMIT SAJ-67
SAJ-2006-05506 (EGR)

**LIMITED MINOR ACTIVITIES IN LAKE OKEECHOBEE AND THE
OKEECHOBEE WATERWAY**

Upon recommendation from the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act, general authority is hereby given to the Operations Division of the Jacksonville District, U.S. Army Corps of Engineers, to administer this permit for the following activities: placement of riprap revetments, new and/or maintenance dredging, excavation and/or maintenance of boat slips, construction and/or maintenance of boat ramps, installation and/or maintenance of aerial and subaqueous transmission lines, construction of minor structures, construction and/or maintenance of single-family mooring facilities (docks and piers), and construction and/or maintenance of private multi-family mooring facilities (docks and piers) having a surface area of 1,000 square feet or less, within those navigable waters regulated under the Lake Okeechobee and Okeechobee Waterway Shoreline Management Plan, and located between St. Lucie Lock in Martin County and W.P. Franklin Lock in Lee County, Florida. All projects must adhere to the terms and conditions stipulated in the latest version of the Lake Okeechobee and Okeechobee Waterway Shoreline Management Plan and to the following Special Conditions:

A. SPECIAL CONDITIONS FOR RIPRAP REVETMENTS:

1. The work authorized herein includes the installation and repair of unconsolidated riprap revetments.
2. The revetment shall not exceed 500 feet in length and not exceed 1 cubic yard per running foot, including any backfill below the plane of the ordinary high water line.
3. A suitable filter material shall be installed to maintain the stability of all fill and rip rap material.
4. Turbidity control measures will be used to control water quality and the work must be in accordance with State Water Quality Standards in Chapter 62-302, and sections 62-4.242 and 62-4.244 in the Florida Administrative Code. Turbidity control measures may include turbidity control curtains or any other technique necessary to

reduce turbidity to no more than background turbidity. The Florida Department of Environmental Protection (DEP) may require the applicant to submit a daily turbidity report which may be verified by state or local government inspectors.

5. Filling of wetland areas and/or submerged aquatic vegetation is not authorized by this general permit. Wetlands are those areas that are periodically inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

6. In addition to the five Special Conditions listed above which are only applicable to the installation and repair of unconsolidated riprap revetments, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

B. SPECIAL CONDITIONS FOR NEW AND/OR MAINTENANCE DREDGING:

1. This permit does not authorize the removal of plugs or the connection of any canal to navigable waters of the United States or to any other waters.

2. Dredging activities; either new or maintenance dredging of a previously dredged area, shall not exceed -5 feet ordinary low water, or the average depth of the waterway at the project site, whichever is less.

3. The material dredged/excavated under this permit shall not exceed 500 cubic yards per project per year.

4. Turbidity control measures will be used to control water quality and the work must be in accordance with State Water Quality Standards in Chapter 62-302, and sections 62-4.242 and 62-4.244 in the Florida Administrative Code. Turbidity control measures may include but are not limited to, turbidity control curtains, the exclusive use of suction dredging or closed "clam shell" dredging, or any other technique necessary to reduce turbidity to no more than background turbidity. The Florida Department of Environmental Protection (DEP) may require the applicant to submit a daily turbidity report which may be verified by state or local government inspectors.

5. Excavated spoil material shall be deposited at self-contained upland areas that will prevent spoil material and/or return water from re-entering any water of the United States or interfering with natural drainage.

6. No discharge of dredged or fill material into navigable waters of the United States is authorized under this portion of this general permit.

7. Excavation of wetlands contiguous or adjacent to navigable waters, and/or areas containing submerged aquatic vegetation is not authorized by this general permit.

8. In addition to the seven Special Conditions listed above which are only applicable to dredging/excavation, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

C. SPECIAL CONDITIONS FOR EXCAVATION AND/OR MAINTENANCE OF BOAT SLIPS:

1. The work authorized herein includes the installation and maintenance of boat slips (berthing space created primarily through upland excavation/dredging and connection to navigable waters) and appurtenant structures such as bulkheads, catwalks, etc. The appurtenant structures shall not exceed a total of 50 linear feet in either direction of the boat slip.

2. The amount of dredged material shall not exceed 500 cubic yards for new work. Maintenance dredging of up to 50 cubic yards of material per year from existing boat slips is authorized.

3. Dimensions of the boat slip shall not exceed 50 linear feet in either direction and the depth of the boat slip shall not exceed the outlying control contours of the water body or in no case be greater than -5 feet ordinary low water.

4. Turbidity control measures will be used to control water quality and the work must be in accordance with State Water Quality Standards in Chapter 62-302, and sections 62-4.242 and 62-4.244 in the Florida Administrative Code. Turbidity control measures may include but are not limited to, turbidity control curtains, the exclusive use of suction dredging or closed "clam shell" dredging, or any other technique necessary to reduce turbidity to no more than background turbidity. The Florida Department of Environmental Protection (DEP) may require the applicant to submit a daily turbidity report which may be verified by state or local government inspectors.

5. Excavated spoil material shall be deposited at self-contained upland areas that will prevent spoil material and/or return water from re-entering any water of the United States or interfering with natural drainage.

6. Dredged material shall not be placed in adjacent waters or wetlands.

7. Excavation/dredging of wetlands contiguous or adjacent to navigable waters, or areas containing submerged aquatic vegetation is not authorized by this general permit.

8. New construction of canals and access channels are specifically excluded from this authorization.

9. In addition to the eight Special Conditions listed above which are only applicable to the excavation and/or maintenance of boat slips, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

D. SPECIAL CONDITIONS FOR CONSTRUCTION AND/OR MAINTENANCE OF BOAT RAMPS:

1. The work authorized herein includes the installation and maintenance of boat ramps, including appurtenant structures (bulkheads, rub-rails, tie-up piers) requiring less than 100 cubic yards of fill material.

2. Where practical, bulkheads should extend no further than 1 to 2 feet waterward of the ordinary high water line, but in no case shall they exceed 5 feet waterward of the ordinary high water line. Tie-up piers shall not exceed: (a) the length of the boat ramp; (b) a width of 6 feet; and may have a single catwalk or "L" not to exceed 20 feet in length and 4 feet in width.

3. Navigational access to navigable waters of the United States must already exist. No dredging of navigational access channels is permitted under SAJ-67.

4. Turbidity control measures will be used to control water quality and the work must be in accordance with State Water Quality Standards in Chapter 62-302, and sections 62-4.242 and 62-4.244 in the Florida Administrative Code. Turbidity control measures may include turbidity control curtains or any other technique necessary to reduce turbidity to no more than background turbidity. The Florida Department of Environmental Protection (DEP) may require the applicant to submit a daily turbidity report which may be verified by state or local government inspectors.

5. Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material outside the work area. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas shall be stabilized using sod, degradable mats, barriers, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

6. Filling/excavation of wetland areas and/or submerged aquatic vegetation is not authorized by this general permit. Wetlands are those areas that are periodically inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

7. In addition to the six Special Conditions listed above which are only applicable to the construction and/or maintenance of boat ramps, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

E. SPECIAL CONDITIONS FOR INSTALLATION AND/OR MAINTENANCE OF AERIAL TRANSMISSION LINES:

1. The work authorized herein includes the installation of aerial transmission lines and associated structures.

2. The aerial transmission lines must meet the U.S. Army Corps of Engineers clearance criteria as described in 33 CFR, Part 322.5(i)(1), (2), (3), and (4).

3. No dredging or filling of navigable waters or waters of the United States is authorized under this portion of this general permit.

4. Where the proposed aerial transmission line is to be installed in navigable waters of the United States, at least two weeks prior to the start of the authorized work, the permittee must notify the National Oceanic and Atmospheric Administration (NOAA) and the Corps' office in writing that the work is commencing, and again upon completion of the work. The permittee shall notify the District Engineer at the letterhead address, attention Regulatory Division, and NOAA, at Nautical Data Branch N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, MD 20910-3282. This notification will certify that the project is constructed as authorized, and must include a drawing that certifies the location and configuration of the completed activity.

5. The permittee shall defend and hold the U.S. Government harmless from any and all claims by reason of the placement and installation of the transmission lines authorized by this permit.

6. In addition to the five Special Conditions listed above which are only applicable to the installation and/or maintenance of aerial transmission lines, the permittee must abide by all of the Special Conditions which are listed in paragraph I. below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

F. SPECIAL CONDITIONS FOR INSTALLATION AND/OR MAINTENANCE OF SUBAQUEOUS UTILITY AND TRANSMISSION LINES:

1. The work authorized herein includes the installation and maintenance of subaqueous utility and transmission lines laid on or embedded in the bottom of navigable waters of the United States in the State of Florida.

2. All utility and/or transmission lines, cables, conduits, pipes, etc., authorized by this general permit must be installed a minimum of 14 feet below the authorized depth of any Federal Channel it crosses. The 14-foot criterion applies to the entire authorized width of the channel, plus a minimum of 25 feet outside the channel edges to allow for maintenance of the side slopes.

3. No utility and/or transmission lines will be embedded in the bottom of State Class I or Class II waters, aquatic preserves, or in areas of submerged aquatic vegetation.

4. Filling of wetland areas and/or submerged aquatic vegetation is not authorized by this general permit. Wetlands are those areas that are periodically inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

5. Dredged or fill material placed as backfill or bedding for subaqueous utility and transmission lines must not change the preconstruction bottom contours. Excess material must be removed to an upland disposal area.

6. The permittee shall install signs at the shoreline to notify navigational interests of the location of subaqueous utility and transmission lines.

7. Upon completion of placement of a subaqueous line in a Federal Channel, the permittee shall provide the Corps with an as-built survey showing the horizontal location (XY coordinates in NAD 83) of the object below the channel as it enters and exits the design edges of the project. The survey shall be accurate to within +/- 3 feet horizontal.

8. Where the proposed subaqueous utility or transmission line is to be installed in navigable waters of the United States, at least two weeks prior to the start of the authorized work, the permittee must notify the NOAA and the Corps' office in writing that the work is commencing, and again upon completion of the work. The permittee shall notify the District Engineer at the letterhead address, attention Regulatory Division, and NOAA, at Nautical Data Branch N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, MD 20910-3282. This notification will certify that the project is constructed as authorized, and must include a drawing that certifies the location and configuration of the completed activity.

9. The permittee shall defend and hold the U.S. Government harmless from any and all claims by reason of the placement and installation of the transmission lines authorized by this permit.

10. In addition to the nine Special Conditions listed above which are only applicable to the installation and/or maintenance of subaqueous utility and transmission lines, the permittee must abide by all of the Special Conditions which are listed in

paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

G. SPECIAL CONDITIONS FOR MINOR STRUCTURES:

1. The work authorized herein will be for minor structures to include:
 - a. Single mooring pilings.
 - b. Small mooring dolphins (limited to 1 cluster of 4 or fewer pilings).
 - c. Non-commercial information signage.
 - d. Boat lifts, hoists, davits.
 - e. Other minor structures that would have less environmental impact than a small dock.

2. No activity shall be authorized under this general permit which by its size or location may adversely affect water quality, fish and wildlife habitat, wetlands, or emergent or submerged aquatic vegetation. Adverse impacts to submerged aquatic vegetation from construction of minor structures may be ameliorated by adherence to the attached joint U.S. Army Corps of Engineers’/National Marine Fisheries Service’s “Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat - U.S. Army Corps of Engineers/National Marine Fisheries Service - August 2001.” (See <http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>). Construction of minor structures in submerged aquatic vegetation which does not adhere to these guidelines cannot be authorized by SAJ-67. *Note: The Dock Construction Guidelines may be subject to revision at any time. It is our intention that the most recent version of this technical tool will be utilized during the evaluation of the permit application.*

3. Where practicable, unless sealed or wrapped, the use of CCA-treated wood should be avoided.

4. In addition to the three Special Conditions listed above which are only applicable to the construction of minor structures, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

H. SPECIAL CONDITIONS FOR CONSTRUCTION AND/OR MAINTENANCE OF SINGLE-FAMILY AND PRIVATE MULTI-FAMILY MOORING FACILITIES (DOCKS and PIERS) AND APPURTENANT STRUCTURES:

1. Structures authorized under this general permit are mooring facilities (docks and piers) not to exceed 1000 square feet in area. Appurtenant structures would include

boat hoists, boat shelters with open sides, stairways, walkways, mooring pilings, roofs, dolphins, and maintenance/replacement of same.

2. No living, fueling, or storage facilities over navigable waters of the United States are authorized under this general permit

3. No activity shall be authorized under this general permit which by its size or location may adversely affect water quality, fish and wildlife habitat, wetlands, or emergent or submerged aquatic vegetation. Adverse impacts to submerged aquatic vegetation from dock construction may be ameliorated by adherence to the attached joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat - U.S. Army Corps of Engineers/National Marine Fisheries Service - August 2001." (See <http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>). Dock construction in submerged aquatic vegetation which does not adhere to these guidelines cannot be authorized by SAJ-67. *Note: The Construction Guidelines may be subject to revision at any time. It is our intention that the most recent version of this technical tool will be utilized during the evaluation of the permit application.*

4. Where practicable, unless sealed or wrapped, the use of CCA-treated wood should be avoided.

5. In addition to the four Special Conditions listed above which are only applicable to the construction and/or maintenance of piers or docks, the permittee must abide by all of the Special Conditions which are listed in paragraph I below. These Special Conditions are applicable to all structures and/or work authorized under this general permit.

I. SPECIAL CONDITIONS FOR ALL WORKS:

1. The work authorized herein is limited to those navigable waters located between St. Lucie Lock in Martin County and W.P. Franklin Lock in Lee County, Florida, which are regulated under the Lake Okeechobee and Okeechobee Waterway Shoreline Management Plan.

2. No work shall be performed until the applicant submits satisfactory plans for the proposed activity and receives written authorization from the District Engineer.

3. No structure, including mooring piles, shall be within the established "arrival points" or operational staging areas of all Lake Okeechobee and Okeechobee Waterway locks and dams.

4. No activity shall be authorized under this general permit which may adversely affect water quality, fish and wildlife habitat, wetlands, or emergent or submerged aquatic vegetation.

5. No work shall be performed until after the permittee provides notification to the owner(s) or operator(s) of any marked utilities in the work area.

6. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Applicant or other party on the Applicant's behalf, shall conduct a search of known historical properties by contracting a professional archaeologist, contacting the Florida Master File Office by telephoning at 850-245-6440, or requesting a temporary password from the Florida Master Site files for access to state site forms. Access may also be requested by emailing at fmsfile@dos.state.fl.us or going to the FMSF website at <http://dhr.dos.state.fl.us/preservation/sitefile/index.cfm>. The Permittee can also research sites in the National Register Information System (NRIS). Information can be found at <http://www.cr.nps.gov/nr/research/>.

If, during the initial ground disturbing activities and construction work, there are archaeological/cultural materials unearthed (which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the permittee shall immediately stop all work in the vicinity and notify the State Archaeologist and the Corps Regulatory Project Manager to assess the significance of the discovery and devise appropriate actions, including salvage operations. Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7.

In the unlikely event that human remains are identified, they will be treated in accordance with Florida State Regulation 872.05; all work in the vicinity shall immediately cease and the State Archaeologist, Corps Regulatory Project Manager, and local authorities shall immediately be notified. Such activity shall not resume unless specifically authorized by the State Archaeologist and the Corps.

7. Conformance with descriptions and quantities contained herein does not necessarily guarantee authorization under this general permit.

8. The District Engineer reserves the right to require that any request for authorization under this general permit be evaluated as an Individual Permit.

9. Prior to verification of authorization, the dichotomous key titled, "The Corps of Engineers, Jacksonville District, and the State of Florida Effect Determination Key for the Manatee in Florida, March 2011," (see <http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>) will be used to determine potential manatee impacts. Those determined to be a "may affect" to the manatee will not be authorized until consultation on the project has been reinitiated and concluded with the U.S. Fish and Wildlife Service in accordance with the Endangered Species Act.. Additionally, depending on the location of the project, some projects

determined to be “may affect, not likely to adversely affect” will not be authorized until consultation on the project has been re-initiated and concluded. *Note: The manatee key may be subject to revision at any time. It is our intention that the most recent version of this technical tool will be utilized during the evaluation of the permit application.*

10. For projects in, over, and/or under waters accessible to manatees, the permittee will utilize the “Standard Manatee Conditions for In-Water Work-2011,” (see <http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>) and/or requirements, as appropriate for the proposed activity. *Note: The manatee conditions may be subject to revision at any time. It is our intention that the most recent version of these conditions will be utilized during the evaluation of the permit application.*

11. In accordance with Section 7 of the Endangered Species Act, projects proposed within designated critical habitat, Priority Management Zones (PMZs), or the 150 meter radius “no-entry” and 500 meter radius “limited activity” active nest buffer zones for the Everglade snail kite (see attached map) cannot be authorized until consultation on the project has been reinitiated and concluded with the U.S. Fish and Wildlife Service. *Note: The PMZs and the “no-entry” and “limited activity” buffer zones may be subject to revision at any time. The Corps shall request an updated PMZ and buffer zone map during September of each year so that the most recent version of these zones is utilized during the evaluation of the permit application.*

12. No activity shall be authorized under this general permit which is likely to adversely affect any other Federally listed threatened or endangered species or a species proposed for such designation, or destroy or adversely modify its designated critical habitat.

13. Any structure authorized under this general permit must not interfere with general navigation.

14. Activities qualifying for this programmatic general permit (PGP) must be authorized by the applicable permit or exemption under Part IV of Chapter 373, F.S., and by any authorization required to use or occupy state-owned submerged lands (SSL) under Chapter 253, F.S., and, as applicable, Chapter 258, F.S. Such permit, issued by the Department of Environmental Protection, a water management district under s. 373.069, F.S., or a local government with delegated authority under s. 373.441, F.S., will provide the applicable Water Quality Certification (WQC) or waiver thereto, and Coastal Zone Consistency Concurrence (CZCC). WQC is waived for activities authorized under this PGP that qualify for an exemption under s. 403.813(1) or 373.406, F.S., or the rules of the Florida Administrative Code (F.A.C.) adopted under Part IV of Chapter 373, F.S. The Corps, or any designated Federal, State or local agency administering general permits on behalf of the Corps under 33 C.F.R. § 325.2(b)(2) may presume CZCC for the above exempt activities by operation of s. 380.23(7), F.S., provided the activity receives the applicable authorization to use and occupy SSL under Chapter 253, F.S., and, as applicable, Chapter 258, F.S., and the rules of the F.A.C. adopted thereunder. The Corps or any designated Federal, State or local agency administering general permits on behalf

of the Corps shall not be precluded from acting on a request to use this PGP before the applicable SSL authorization is granted.

15. In the Okeechobee Waterway, no structure, including mooring piles, authorized under this general permit shall be within the established setback (normally 100 feet but may be less in a few specific reaches), calculated from the near-bottom edge of the Federal channel, unless it is a 5-foot marginal pier. In oxbows, no structure may extend more than 1/4 of the width of the oxbow at normal pool elevation.

16. Any activity within a Federal right-of-way will require the permittee to enter into a consent-to-easement with the Real Estate Division, U.S. Army Corps of Engineers, Jacksonville District, prior to the commencement of any construction activity. The mailing address for the Real Estate Division is P.O. Box 4970, Jacksonville, Florida 32232.

17. Any proposed modification to an existing Corps project (either federally or locally maintained) that go beyond those modifications required for normal Operations and Maintenance (O&M) require approval under 33 USC 408. There shall be no temporary or permanent alteration, occupation or use of these public works including but not limited to levees, sea walls, bulkheads, jetties and dikes for any purpose without the permission of the Secretary of the Army or his authorized representative for those cases where the proposed modification is determined to be minor. Under the terms of 33 USC 408, any proposed modification requires a determination by the Secretary that such proposed alteration or permanent occupation or use of a Federal project is not injurious to the public interest and will not impair the usefulness of such work.

18. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters and/or interfere with the function of Central and South Florida Flood Control projects, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

19. If fill material is used, the fill must be from upland sources and consist of suitable material. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

20. SAJ-67 shall be valid for a period of 5 years from the date of issuance unless suspended or revoked by issuance of a public notice by the District Engineer. The Corps will conduct periodic reviews to determine if continuation of the permit is not contrary to the public interest.

21. If SAJ-67 expires or is revoked prior to completion of the authorized work, authorization of activities that have commenced or are under contract to commence in reliance on SAJ-67 will remain in effect provided the activity is completed within 12 months of the date SAJ-67 expired or was revoked.

22. The permittee shall perform all work in accordance with the attached general conditions.

BY AUTHORITY OF THE SECRETARY OF THE ARMY



Alfred A. Pantano, Jr.
Colonel, U.S. Army
District Engineer