

Project Tracking #: \_\_\_\_\_

## 2010 Community Budget Issue Request

1. Project Title: Exotic Wildlife Control Date: July 28,2009

2. Member Sponsor(s) Name: \_\_\_\_\_ District No.(s): \_\_\_\_\_

3. What statewide interest does this project address as it relates to Chapter 216.052(1)? Protection of native wildlife by controlling the numerous exotic (introduced) wildlife species

4. Requester:

Name: Jack Kardys, Director Organization: Miami-Dade Park & Recreation Dept.

5. Recipient:

Name: Miami-Dade Park & Recreation Dept.

Street: 275 NW 2<sup>nd</sup> Street

City: Miami Zip Code: 33130

Counties: Miami-Dade Gov't Entity  or Private Organization (Profit/Not for Profit)

6. Contact:

Name: Jack Kardys, Director Phone # 305-755-7903 e-mail: Kardys@miamidade.gov

7. Project Description: South Florida has the ideal combination of natural characteristics that predisposes it for invasion by non-native species. Subtropical climate, abundance of lakes and wetlands, and the patchwork of human disturbance (canals, farms, and urban development) together create conditions that are perfect for the establishment and expansion of plants and animals from other parts of the world. Exotic wildlife poses several significant threats to native ecosystems, native wildlife species, and public health and safety. Some exotic species physically alter habitats by extensive digging or rooting (feral pigs, armadillos, iguanas). Many exotic wildlife prey on native species and pose a tremendous threat (feral cats, pythons, boa constrictors, Nile monitor lizards, iguanas). This is particularly problematic in Miami-Dade County where native wildlife (including migratory birds) are concentrated in fragmented habitats and become easy prey for predatory exotic species. Some exotic species pose threats to human health by transmitting disease (feral cats and dogs) or creating unsanitary conditions for humans (iguanas, Muscovy ducks, feral cats).

The Florida Invasive Animal Task Team (FIATT) of South Florida Ecosystem Restoration Task Force/Working Group has developed a priority advisory invasive animal list of problematic species. Currently, of the known and thriving animal species introduced into south Florida, 4 are amphibians, 32 are fish, 12 are birds, 46 are reptiles, 17 are mammals, and approximately 79 are invertebrates. FIATT has identified 32 introduced species that should be considered high priority for control. These include feral cats, pythons, boa constrictors, monitor lizards, and green and spiny-tailed iguanas.

Managing and controlling invasive exotic animals is difficult, expensive and requires a long-term commitment. No single agency is equipped to deal with the myriad of exotic wildlife now established in South Florida. Miami-Dade County manages more than 20,000 acres of native ecosystems spread across more than 80 different properties. There is a tremendous outcry from the public to control exotic wildlife species inhabiting the nature preserves in the county. This year alone, the County's Natural Areas Management Division has spent numerous hours on wildlife activities / species such as:

- Nile Monitor and Tegu - Trapping in conjunction with National Park and Florida Fish & Wildlife Conservation Commission
- Iguanas - Trapping, surveying, management plan
- Exotic snakes - capture and removal of boas (Deering) and Pythons (South Dade Wetlands)
- Africanized Bee - coordinate hive / swarm removals, tracking, training
- American Crocodiles - coordinate investigation of complaints w/ FWC, public education, training
- Sacred ibis - education, discussions with Florida Fish & Wildlife
- General wildlife monitoring - in conjunction with site inspections
- Research permitting - various wildlife-related research projects
- Response to calls regarding injured wildlife, feral animals
- Mosquito Control - coordination meetings
- Imperiled Butterfly Working Group - quarterly meetings, field surveys, coordinate with researchers
- ECISMA (Everglades Cooperative Invasive Species Management Area) - meetings, correspondence, collaboration
- FIATT Meetings (Florida Invasive Animal Task Team)

The project that we are proposing will expand the capability of our land managing division to coordinate with state and federal control programs, initiate local control program for the exotic wildlife inhabiting our nature preserves, establish a trapping campaign using private contractors, and educate the public about issues such as pet care and prevention of new invasions.

The Department will hire a Biologist to develop a policy plan for the removal, control, and monitoring of wildlife for all of Miami-Dade County, and advocate and educate 36 municipalities and federally-owned Environmentally Endangered Land sites which it manages. In addition, the Wildlife Biologist would coordinate public education. The budget includes a vehicle modified to appropriately transport trapped wildlife, operating expenses and funds for contractual services.

8. Is this project related to a federal or state declared disaster? Yes  No

8a. If yes, which declared disaster? \_\_\_\_\_

8b. If yes, what year?: \_\_\_\_\_

9. Measurable Outcome Anticipated : Project will reduce the population of important exotic pest animals.

10. Amount you are requesting from the State for this project this year? Amount Requested:

11. Total cost of project this year:

12. Is this request being made to fund (check all that apply): Operations  Construction

13. What type of match exists for this request? Local  Private  Federal  None

13a. Enter all amounts that apply: Total Cash Amount  Total In Kind Amount

14. Was this project previously funded by the State? Yes  No

14a. If yes, most recent Fiscal Year \_\_\_\_\_ (eg. 2009-2010) Amount:

15. Is future-year funding likely to be requested? Yes  No

15a. If yes, how much?

15b. Purpose for future year funding: Recurring Operations  Non-Recurring Construction  Other \_\_\_\_\_

16. Will this be an annual request? Yes  No

17. Was this project included in an Agency Budget Request? Yes  No

17a. If yes, name the Agency: \_\_\_\_\_

18. Was this project included in the Governor's Recommended Budget? Yes  No  Unknown

19. Is there documented need for this project? Yes  No

19a. If yes, what is the documentation? (eg: LRPP, Agency Needs Assessment, etc.) Dept Natural Areas Plan

20. Was this project request heard before a publicly-noticed meeting of a body of elected officials (munic., county, or state)? Yes  No

20a. If yes, name the Body:

21. Is this a water project under s. 403.885, F.S.? Yes  No

(See [http://www.dep.state.fl.us/water/waterprojectfunding/2007/wpf\\_2007\\_main.htm](http://www.dep.state.fl.us/water/waterprojectfunding/2007/wpf_2007_main.htm) for more information including historical funding)

If Yes, please complete Page 2

**IMPORTANT: ATTACH APPROPRIATE SUPPORTING DOCUMENTATION FOR THIS CBIRS REQUEST**

21a. Is the project eligible under section 403.885(2), F. S., to protect public health or the environment; and implement plans developed pursuant to the Surface Water Improvement and Management Act created in part IV of Chapter 373, F.S., other water restoration plans required by law, management plans prepared pursuant to s. 403.067, F.S., or other plans adopted by local government for water quality improvement and water restoration? Yes  No

22. Is your project addressed in a state, regional or local plan (such as a SWIM Plan, Comprehensive Plan, Local Master Plan, etc.)?

Yes  No

22a. If yes, name the plan and cite the pages on which the project is described \_\_\_\_\_

23. Are you requesting funding for a stormwater, surface water restoration, or other water management project? Yes  No

If yes, answer the following:

23a. In which Water Management Districts area is your project located? \_\_\_\_\_

23b. Have you provided at least a 50% match (that is, one-half the total project cost identified in this request)? Yes  No

23c. If yes, identify the amount and source of any match being provided: Amount \$ \_\_\_\_\_ Source: \_\_\_\_\_

23d. Will this project reduce pollutant loadings to a water management district designated "priority" surface water body? Yes  No

(See [www.dep.state.fl.us/water/waterprojectfunding/WMDprioritywaters.htm](http://www.dep.state.fl.us/water/waterprojectfunding/WMDprioritywaters.htm) for list of priority water bodies.)

23e. If yes, name the water body: \_\_\_\_\_

23f. If yes, describe, specifically, how it will reduce loadings, identify anticipated load reductions for total suspended solids, total nitrogen, total phosphorus, and other contaminants, and specify the practices that will be used to reduce loadings:

23g. Is the project under construction? Yes  No

24. Are you requesting funding for a wastewater project? Yes  No

If yes, answer the following:

24a. Does your project qualify for funding from DEP's "Small Community Wastewater Treatment Grant Program" under section 403.1838, F.S.? Yes  No  (See [www.dep.state.fl.us/water/wfi/cwsrf/smalcwgp.htm](http://www.dep.state.fl.us/water/wfi/cwsrf/smalcwgp.htm) for information)

24b. If yes, have you received or applied for funding? Yes  No

24c. If yes, provide the DEP Disadvantaged Small Community Grant project number \_\_\_\_\_

24d. Have you received or applied for funding for this project from DEP's State Revolving Fund (SRF) program under section 403.1835, F.S.? Yes  No  (See [www.dep.state.fl.us/water/wfi/cwsrf/index.htm](http://www.dep.state.fl.us/water/wfi/cwsrf/index.htm) for information)

24e. If yes, provide the DEP SRF project number \_\_\_\_\_

24f. Is the project under construction? Yes  No

24g. Have you provided at least a 25% match (that is, one-quarter the total project cost identified in this request)? Yes  No

24h. If yes, identify the amount and source of the match: Amount \$ \_\_\_\_\_ Source: \_\_\_\_\_

25. Are you requesting funding for a drinking water project? Yes  No

If yes, answer the following:

25a. Have you received or applied for funding for this project from DEP's State Revolving Fund (SRF) program under section 403.8532, F.S.? Yes  No  (See [www.dep.state.fl.us/water/wfi/dwsrf/index.htm](http://www.dep.state.fl.us/water/wfi/dwsrf/index.htm) for information)

25b. If yes, provide the DEP SRF project number \_\_\_\_\_

25c. Is the project under construction? Yes  No

25d. Have you provided a match? Yes  No

25e. If yes, identify the amount and source of the match: Amount \$ \_\_\_\_\_ Source: \_\_\_\_\_