

# Application No. 19

## Countywide New Application

### APPLICATION SUMMARY

Applicant/Representative: Miami- Dade County Department of Planning and Zoning/Marc C. La Ferrier, AICP, Director  
111 NW 1 Street, Suite 1110  
Miami, Florida 33128-1972

Location: Countywide

Requested Text Changes: Revise the CDMP text in Policy CON-8I of the Conservation, Aquifer Recharge and Drainage Element, pages IV-14 through IV-15, and replace the *Exotic Pest Plant List*, to mirror the expanded list proposed for inclusion in Chapter 24, Miami-Dade County Code (MDCC).

Amendment Type: Standard Text Amendment

### RECOMMENDATIONS

Staff: **ADOPT AND TRANSMIT** (August 25, 2008)

Community Councils: **NOT APPLICABLE**

Planning Advisory Board (PAB) acting as Local Planning Agency: **TO BE DETERMINED** (October 6, 2008)

Board of County Commissioners: **TO BE DETERMINED** (November 6, 2008)

Final Recommendation of PAB acting as Local Planning Agency: **TO BE DETERMINED** (March, 2009)

Final Action of Board of County Commissioners: **TO BE DETERMINED** (April, 2009)

Staff recommends **ADOPT AND TRANSMIT** the proposed text amendment based on the Staff Conclusions summarized below:

1. Corrections to the *Exotic Pest Plants List* contained in Policy CON-8I of the Conservation, Aquifer Recharge and Drainage Element include exotic pest plant species that were inadvertently deleted during the October 2004 CDMP Application Cycle. Specifically these deletions included Australian Pine, Air Potato and ficus microcarpa (laurel fig). This amendment will restore these deleted species to the list.
2. Chapter 24, MDCC currently references the exotic pest plants list in the CDMP as the species to be regulated. Often species are identified as pest plants, but are not included in the CDMP until the Evaluation and Appraisal Report (EAR)-based amendments update the policies. DERM is developing an exotic pest plant and nuisance species list to be codified into Chapter 24, MDCC; a more extensive than the list currently located in Policy CON-8I. To maintain consistency between the CDMP and Chapter 24, MDCC, the exotic pest plants list in Policy CON-8I of the CDMP should be updated to match the exotic pest plant and nuisance species list proposed for inclusion into the Chapter, 24, MDCC. Such consistency will reduce any confusion that may result should the two lists be different.
3. During the 2010 EAR, Policy CON-8I should be evaluated to determine if inclusion of a specific pest plant list into the CDMP is necessary or if the policy should be modified to reference the Chapter 24, MDCC list.

## REQUESTED TEXT AMENDMENT

Application 19 requests that the CDMP text of the Conservation, Aquifer Recharge and Drainage Element be modified as follows:

CON-8I. The following exotic pest plants and nuisance species, shall not be sold, propagated, or planted within Miami-Dade County. If existing on a development site, they shall be removed prior to development or redevelopment.

<b>Species – Latin Name</b>	<b>Species Common Name</b>
<del><i>Ficus benghalensis</i></del> <u><i>Abrus precatorius</i></u>	Banyan Fig <u>Rosary pea</u>
<del><i>Bishofia javanica</i></del> <u><i>Acacia auriculiformis</i></u>	Bishopwood <u>Earleaf acacia</u>
<del><i>Jasminium fluminense</i></del> <u><i>Adenanthera pavonina</i></u>	Brazilian Jasmine <u>Red beadtrees, red sandalwood, coralwood, redwood, circassian bean tree, peacock flower-fence, coral pea, Barbados pride-</u>
<del><i>Schinus terebintholius</i></del> <u><i>Albizia lebbek</i></u>	Brazilian Pepper <u>Woman's tongue, lebbeck tree, siris tree</u>
<del><i>Neyraudia reynaudiana</i></del> <u><i>Antigonon leptopus</i></u>	Burma Reed (Cane Grass) <u>Coral vine, queen's jewels</u>

**Species – Latin Name**

Cupaniopsis anacardioides  
Ardisia crenata  
~~Ricinus communis~~ Ardisia  
elliptica  
~~Mimosa pigra~~ Bischofia  
javanica  
Lygodium japonicum,  
Lygodium microphyllum  
Casuarina spp.  
~~Cestrum diurnum~~ diurnum

Acacia auriculiformis  
Cinnamomum camphora  
~~Jasminium dichotomum~~  
Colubrina asiatica  
~~Flacourtia indica~~  
Cupaniopsis anacardioides  
Dalbergia sissoo  
~~Columbrina asiatica~~  
Dioscorea alata  
~~Leucaena leucocephala~~,  
~~Leucaena glauca~~  
Dioscorea bulbifera  
~~Ficus altissima~~ Eichhornia  
crassipes  
~~Hibiscus~~  
~~tiliaceus~~ Enterolobium  
contortisiliquum  
~~Meleleuca quinquenervia~~,  
~~Meleleuca leucadendron~~  
Ficus altissima  
~~Pennisetum purpureum~~  
Ficus benghalensis  
~~Tribulus cistoides~~ Ficus  
microcarpa  
~~Schefflera actinophylla~~,  
~~Brassaia actinophylla~~ Ficus  
religiosa  
~~Adenanthera~~  
~~pavonina~~ Flacourtia indica  
Thespesia populnea  
Hydrilla verticillata  
~~Ardisia elliptica~~, Ardisia  
~~humilus~~ Hygrophila  
polysperma

**Species Common Name**

~~Carrotwood~~ Scratchthroat, coral ardisia  
~~Castor Bean~~ Shoebutton, shoebutton  
ardisia  
~~Catlaw Mimosa~~ Javanese bishopwood,  
bishopwood, bischofia, toog  
~~Climbing Fern~~ Australian pine, sheoak,  
beefwood  
~~Dayflowering jessamine~~, Day  
Blooming Jasmine, day blooming  
jasmine, day jessamine  
~~Earleaf Acacia~~ Camphortree, camphor  
tree  
~~Gold Coast Jasmine~~ Asian nakedwood,  
leatherleaf, latherleaf  
~~Governor's Plum~~ Carrotwood  
~~Indian Rosewood~~, sissoo  
~~Lather Leaf~~ White yam, winged yam  
~~Lead Tree~~ Air potato, bitter yam, potato  
vine  
~~Lofty Fig (Banyan Tree)~~ Common  
water-hyacinth, water-hyacinth  
~~Mahoe~~ Earpod tree, ear tree  
~~Meleleuca (Punk Tree)~~ Council tree,  
lofty fig, banyan tree, false banyan  
~~Napier Grass~~ Banyan tree, banyan fig,  
Indian banyan, East Indian fig tree,  
bengal fig  
~~Puncture Vine~~ Indian laurel, laurel fig,  
Malay banyan, Chinese banyan,  
glossy leaf banyan  
~~Queensland Umbrella Tree~~ Bo tree,  
sacred fig  
~~Red Sandalwood~~ Governor's plum,  
Madagascar plum, batoko plum,  
ramonchi  
~~Seaside Mahoe~~ Waterthyme, hydrilla  
~~Shoebutton Ardisia~~ Indian swampweed,  
green hygro

**Species – Latin Name**

*Solanum viarum*  
*Hymenachne amplexicaulis*  
*Albizia lobbbeck-Imperata*  
*cylindrica*  
*Merremia tuberosa- Ipomea*  
*aquatica*  
*Jasminum dichotomum*  
*Jasminum fluminense*  
*Leucaena leucocephala*

*Ludwigia peruviana*  
*Lygodium spp. except L.*  
*palmatum*  
*Macfadyena unguis-cati*  
*Melaleuca quinquenervia*

*Melia azedarach*

*Merremia tuberosa*

*Mimosa pigra*  
*Neyraudia reynaudiana*  
*Paederia spp.*  
*Panicum repens*  
*Pennisetum purpureum*  
*Pistia stratiotes*  
*Pueraria montana var.*  
*lobata*  
*Rhodomlyrtus tomentosa*  
*Rhynchelytrum repens*  
*Ricinus communis*

*Sapium sebiferum*  
*Scaevola taccada*  
*Schefflera actinophylla*

*Schinus terebinthifolius*

*Senna pendula var.*  
*glabrata*  
*Solanum tampicense*  
*Solanum viarum*  
*Talipariti tiliaceum*  
*Tectaria incisa*  
*Thespesia populnea*

**Species Common Name**

Tropical Soda Apple-Trompetilla, West  
Indian marsh grass  
Woman's Tongue-Cogongrass

Woodrose-Water-spinach

Gold Coast jasmine  
Brazilian jasmine, jazmin de trapo  
White leadtree, lead tree, jumbie bean,  
tan-tan  
Peruvian primrosewillow  
Climbing fern, e.g. Old World climbing  
fern, Japanese climbing fern  
Catclawvine  
Punk tree, melaleuca, cajeput,  
paperbark tree, tea tree, swamp tea  
tree  
Chinaberrytree, Chinaberry

Spanish arborvine, yellow morning-  
glory, woodrose, Hawaiian  
woodrose, ceylon morning glory,  
Spanish wood vine  
Black mimosa, Catclaw mimosa  
Burmareed, silkreed  
Sewervine, skunkvine, onion vine  
Torpedograss  
Elephantgrass, Napiergrass  
Water lettuce  
Kudzu

Rose myrtle, Downy rose-myrtle  
Rose natalgrass, Natal grass  
Castorbean, castor oil plant, palma  
christi, wonder tree  
Popcorn tree, Chinese tallowtree  
Beach naupaka, scaevola, half-flower  
Australian umbrella tree, octopus tree,  
Queensland umbrella tree, umbrella  
tree, rubber tree, starleaf  
Brazilian pepper, Christmas berry tree,  
Florida holly  
Valamuerto, Climbing cassia, Christmas  
cassia, Christmas senna  
Aquatic soda apple, wetland nightshade  
Tropical soda apple  
Mahoe, sea hibiscus, yellow mahoe  
Incised halberd fern  
Portia tree, seaside mahoe, cork tree,  
false rosewood

**Species – Latin Name**

Tribulus cistoides

Urochloa mutica

**Species Common Name**

Puncture vine, burrnut, Jamaican  
feverplant, billy-goat weed, large  
yellow caltrop

Paragrass

**STAFF ANALYSIS**

DERM has recently brought to the Department's attention that species of exotic pest plants had been inadvertently omitted from the Exotic Pest Plants List in Policy CON-8I of the CDMP. The Department verified that during the October 2004 CDMP Amendment Cycle (the Evaluation and Appraisal Report (EAR)-based Amendment cycle), the species of Australian Pine, Air Potato and ficus microcarpa (laurel fig) had been unintentionally deleted from this list. Neither review by the Department or by DERM caught the error; therefore these species, through Board action, were officially removed from the list. The proposed amendment will restore Australian Pine, Air Potato and ficus microcarpa (laurel fig) to the list of exotic pest plant species.

Identification of these deletions has brought to DERM's attention the need to officially codify the exotic pest plant and nuisance species into Chapter 24, MDCC. This will allow DERM to more effectively regulate these pest plants and update the list as new species are identified. Currently DERM is developing an ordinance which updates and expands the existing exotic pest plant list to include those species that have been identified as pest plants subsequent to last update of the CDMP in the October 2004 Amendment Cycle. The exotic pest plant list in Policy CON-8I is being updated and expanded to include the pest plant and nuisance species proposed by DERM, so that the newly identified species can also be regulated until their inclusion into Chapter 24, MDCC is complete. This proposed list utilizes scientific nomenclature according to Wunderlin, Richard P and Bruce F. Hansen 2003, Guide to the Vascular Plants of South Florida, 2nd Ed. University Of Florida Press, Gainesville, FL.; therefore some of the names and spellings may be different from those currently listed in the CDMP.

To maintain consistency between the CDMP and Chapter 24, MDCC, the exotic pest plants list in Policy CON-8I of the CDMP should be updated to include the exotic pest plant and nuisance species proposed for inclusion into the Chapter, 24, MDCC. Such consistency will reduce any confusion that may result should the two lists be different. During the 2010 EAR, Policy CON-8I will be evaluated to determine if inclusion of a specific pest plant list into the CDMP is necessary or if the policy should be modified to reference the Chapter 24, MDCC list.

**Consistency Review With CDMP Goals, Objectives, Policies, Concepts and Guidelines**

The following CDMP Goals, Objectives, Policies, and Concepts will be furthered should the Application be adopted:

Objective CON-8 Upland forests included on Miami-Dade County's Natural Forest Inventory shall be maintained and protected.

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**APPENDIX A**

**AMENDMENT APPLICATION**

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## APPLICATION NO. 19

### APPLICATION REQUESTING AMENDMENT TO THE COMPREHENSIVE DEVELOPMENT MASTER PLAN

#### 2. APPLICANT

Miami-Dade County Department of Planning & Zoning  
111 NW 1 Street, Suite 1110  
Miami, Florida 33128-1972  
305-375-2840

#### 3. APPLICANT'S REPRESENTATIVE

Marc C. La Ferrier, AICP, Director  
Miami-Dade County Department of Planning & Zoning  
111 NW 1 Street, Suite 1110  
Miami, Florida 33128-1972

By:  August 25, 2008  
Marc C. La Ferrier, AICP

#### 4. DESCRIPTION OF REQUESTED CHANGES

The Department of Planning and Zoning requests revisions and modifications to the CDMP, as further described below.

- Revise the text in Policy CON-8I of the Conservation, Aquifer Recharge and Drainage Element, page IV-14 in the "Adopted Components" of the October 2006 Edition of the CDMP as amended through April 19, 2006, to refer to exotic pest plant and nuisance species;
- Update the *Exotic Pest Plant and Nuisance Species List*, by adding those exotic pest plant species that were inadvertently omitted in the 2004 CDMP Amendment Cycle, and expanding the list to include new exotic pest and nuisance species as per the proposed amendments to Chapter 24, MDCC.

Revisions to Policy CON-8I are proposed as follows:

CON-8I. The following exotic pest plants and nuisance species, shall not be sold, propagated, or planted within Miami-Dade County. If existing on a development site, they shall be removed prior to development or redevelopment.

**Species – Latin Name**

Ficus benghalensis-Abrus precatorius

Bishofia javanica-Acacia auriculiformis

Jasminium fluminense

Adenanthera pavonina

Schinus terebintholius-Albizia lebbeck

Neyraudia reynaudiana

Antigonon leptopus

Cupaniopsis anacardioides

Ardisia crenata

Ricinus communis-Ardisia elliptica

Mimosa pigra-Bischofia javanica

Lygodium japonicum,

Lygodium microphyllum

Casuarina spp.

Cestrum diurnumdiurnum

Acacia auriculiformis

Cinnamomum camphora

Jasminium dichotomum

Colubrina asiatica

Flacourtia indica

Cupaniopsis anacardioides

Dalbergia sissoo

Colubrina asiaticaDioscorea alata

Leucaena leucoccephala,

Leucaena glauca-Dioscorea bulbifera

Ficus altissima-Eichhornia crassipes

Hibiscus

tiliaceusEnterolobium

contortisiliquum

Melaleuca quinquenervia,

Melaleuca leucadendron

Ficus altissima

Pennisetum purpureum

Ficus benghalensis

**Species Common Name**

Banyan Fig Rosary pea

Bishopwood Earleaf acacia

Brazilian Jasmine Red beadtrees, red sandalwood, coralwood, redwood, circassian bean tree, peacock flower-fence, coral pea, Barbados pride-

Brazilian Pepper Woman's tongue, lebbeck tree, siris tree

Burma Reed (Cane Grass) Coral vine, queen's jewels-

Carrotwood Scratchthroat, coral ardisia

Castor Bean Shoebuttton, shoebuttton ardisia

Catclaw Mimosa Javanese bishopwood, bishopwood, bischofia, toog

Climbing Fern Australian pine, sheoak, beefwood

Dayflowering jessamine, Day Blooming Jasmine, day blooming jasmine, day jessamine

Earleaf Acacia Camphortree, camphor tree

Gold Coast Jasmine Asian nakedwood, leatherleaf, latherleaf

Governor's Plum Carrotwood

Indian Rosewood, sissoo

Lather Leaf White yam, winged yam

Lead Tree Air potato, bitter yam, potato vine

Lofty Fig (Banyan Tree) Common water-hyacinth, water-hyacinth

Mahoe Earped tree, ear tree

Melaleuca (Punk Tree) Council tree, lofty fig, banyan tree, false banyan

Napier Grass Banyan tree, banyan fig, Indian banyan, East Indian fig tree, bengal fig

**Species – Latin Name**

Tribulus cistoides–Ficus microcarpa

Schefflera actinophylla,  
Brassaia actinophylla–Ficus religiosa

Adenanthera pavonina  
Flacourtia indica

Thespesia populnea–Hydrilla verticillata

Ardisia elliptica,  
Ardisia humilus–Hygrophila polysperma

Solanum viarum  
Hymenachne amplexicaulis  
Albizia lebbek–Imperata cylindrica

Merremia tuberosa–Ipomea aquatica

Jasminum dichotomum  
Jasminum fluminense  
Leucaena leucocephala

Ludwigia peruviana  
Lygodium spp. except L. palmatum  
Macfadyena unguis-cati  
Melaleuca quinquenervia

Melia azedarach  
Merremia tuberosa

Mimosa pigra  
Neyraudia reynaudiana  
Paederia spp.  
Panicum repens  
Pennisetum purpureum  
Pistia stratiotes  
Pueraria montana var. lobata  
Rhodomertus tomentosa  
Rhynchelytrum repens  
Ricinus communis

Sapium sebiferum  
Scaevola taccada

**Species Common Name**

Puncture Vine–Indian laurel, laurel fig,  
Malay banyan, Chinese banyan,  
glossy leaf banyan

Queensland Umbrella Tree–Bo tree,  
sacred fig

Red Sandalwood–Governor's plum,  
Madagascar plum, batoko plum,  
ramonchi

Seaside Mahoe–Waterhyme, hydrilla

Shoebuttan–Ardisia–Indian swampweed, green hygro

Tropical Soda Apple–Trompetilla,  
West Indian marsh grass  
Woman's Tongue–Cogongrass

Woodrose–Water-spinach

Gold Coast jasmine  
Brazilian jasmine, jazmin de trapo  
White leadtree, lead tree, jumbie bean, tan-tan

Peruvian primrosewillow  
Climbing fern, e.g. Old World climbing fern, Japanese climbing fern

Catclawvine  
Punk tree, melaleuca, caieput,  
paperbark tree, tea tree, swamp tea tree

Chinaberrytree, Chinaberry  
Spanish arborvine, yellow morning-glory, woodrose, Hawaiian woodrose, ceylon morning glory,  
Spanish wood vine

Black mimosa, Catclaw mimosa  
Burmareed, silkreed  
Sewervine, skunkvine, onion vine

Torpedograss  
Elephantgrass, Napiergrass  
Water lettuce

Kudzu  
Rose myrtle, Downy rose-myrtle  
Rose natalgrass, Natal grass  
Castorbean, castor oil plant, palma christi, wonder tree

Popcorn tree, Chinese tallowtree  
Beach naupaka, scaevola, half-flower

<b>Species – Latin Name</b>	<b>Species Common Name</b>
<u><i>Schefflera actinophylla</i></u>	<u>Australian umbrella tree, octopus tree, Queensland umbrella tree, umbrella tree, rubber tree, starleaf</u>
<u><i>Schinus terebinthifolius</i></u>	<u>Brazilian pepper, Christmas berry tree, Florida holly</u>
<u><i>Senna pendula</i> var. <i>glabrata</i></u>	<u>Valamuerto, Climbing cassia, Christmas cassia, Christmas senna</u>
<u><i>Solanum tampicense</i></u>	<u>Aquatic soda apple, wetland nightshade</u>
<u><i>Solanum viarum</i></u>	<u>Tropical soda apple</u>
<u><i>Talipariti tiliaceum</i></u>	<u>Mahoe, sea hibiscus, yellow mahoe</u>
<u><i>Tectaria incisa</i></u>	<u>Incised halberd fern</u>
<u><i>Thespesia populnea</i></u>	<u>Portia tree, seaside mahoe, cork tree, false rosewood</u>
<u><i>Tribulus cistoides</i></u>	<u>Puncture vine, burrnut, Jamaican feverplant, billy-goat weed, large yellow caltrop</u>
<u><i>Urochloa mutica</i></u>	<u>Paragrass</u>

The following exotic plant species may not be planted within 500 feet of native plant communities. These plant species have been documented by the Florida Exotic Pest Plant Council, the Miami-Dade County Park and Recreation Department's Natural Area's Management Program, and the Miami-Dade County Department of Environmental Resources Management to be invasive pests in natural areas of Miami-Dade County.

<b>Species Latin Name</b>	<b>Species Common Name</b>
<i>Bauhinia variegata</i>	Orchid tree
<i>Bauhinia purperata</i>	orchid tree
<i>Calophyllum calaba</i>	Mastwood
<i>Catharanthus roseus</i>	Madagascar periwinkle
<i>Derris Indica</i>	Pongam
<i>Eugenia uniflora</i>	Surinam cherry
<i>Epipremnum pinnatum</i> cv. <i>Aureum</i>	Pothos
<i>Kalanchoe pinnata</i>	life plant
<i>Lantana camera</i>	Lantana
<i>Murraya paniculata</i> (orange jessamine)	orange jessamine
<i>Pittosporum tobira</i> (pittosporum)	Japanese pittosporum
<i>Pouteria campechiana</i>	canistel
<i>Psidium guyava</i>	Guava
<i>Psidium littorale</i>	Cattley guava
<i>Rhoeo spathacea</i>	oyster plant
<i>Sansevieria hyacinthoides</i> (= <i>S. trifasciata</i> )-	bowstring hemp
<i>Scaevola taccada</i> var. <i>sericea</i> (= <i>S. frutescens</i> ; = <i>S. sericea</i> )	Scaevola; half-flower
<i>Syngonium podophyllum</i>	arrowhead

**Species Latin Name****Species Common Name**

*Syzygium cumini*

Jambolan; Java plum

*Syzygium jambos*

rose apple

*Terminalia catappa*

tropical almond

*Tribulus cistoides*

Puncture vine

*Washingtonia spp.*

Washington Palm

*Wedelia trilobata*

wedelia

*Zebrina pendula*

wandering zebline

**5. REASONS FOR CHANGE**

1. Corrections to the *Exotic Pest Plants List* contained in Policy CON-8I of the Conservation, Aquifer Recharge and Drainage Element include exotic pest plant species that were inadvertently deleted during the October 2004 CDMP Application Cycle. Specifically these deletions included Australian Pine, Air Potato and ficus microcarpa (laurel fig). This amendment will restore these deleted species to the list.
2. To maintain consistency between the CDMP and Chapter 24, MDCC, the exotic pest plants list in Policy CON-8I of the CDMP is being updated to match the exotic pest plant and nuisance species list proposed for inclusion into the Chapter, 24, MDCC. Such consistency will reduce any confusion that may result from having two different lists.

**6. ADDITIONAL MATERIAL SUBMITTED**

None

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