

RESOLUTION NO. 02-14

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO APPROVING THE VILLAGE OF PALMETTO BAY PLAN AND STATE LEGISLATIVE FUNDING REQUESTS FOR WATER PROJECTS FOR THE 2003 LEGISLATIVE SESSION; PROVIDING AN EFFECTIVE DATE.

WHEREAS, The 2003 Florida Legislative Session convenes on March 4, 2003 and adjourns on May 2, 2003; and

WHEREAS, the Village of Palmetto Bay has critical needs for the Development of a Stormwater Master Plan, Stormwater Drainage Improvements and Potable Water Improvements; and

WHEREAS, the Florida Legislature has historically funded these types of activities upon formal request from the local governmental entity; and

WHEREAS, formal adoption by the Village Council is an integral and required part of this process.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, AS FOLLOWS:

Section 1. The Council hereby formally approves the Village of Palmetto Bay Plan and State Legislative Funding Requests for the 2003 Legislative Session consisting of:

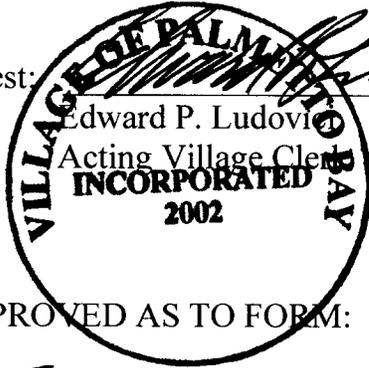
- Comprehensive Stormwater Plan Development - \$250,000. The update and development of a comprehensive Stormwater/Flooding Program for the entire Village.
- Stormwater Improvements to Local Roadways - \$2,000,000. Stormwater drainage improvements throughout the Village.

- Potable Water - \$2,000,000. Potable water installation throughout the Village.

Section 2. This resolution shall take effect immediately upon approval.

PASSED and ADOPTED this 18th day of November, 2002.

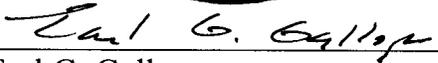
Attest:



Edward P. Ludovic
Acting Village Clerk

Eugene P. Flinn, Jr.
Mayor

APPROVED AS TO FORM:


Earl G. Gallop,
Village Attorney

FINAL VOTE AT ADOPTION:

Council Member Ed Feller	<u> A </u>
Council Member Paul Neidhart	<u> A </u>
Council Member John Breder	<u> A </u>
Vice-Mayor Linda Robinson	<u> A </u>
Mayor Eugene P. Flinn, Jr.	<u> A </u>

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To: Honorable Mayor, Vice Mayor
& Village Council

Date: November 16, 2002

From: Charles Scurr
Advising Village Manager

UPDATED
Re: Agenda Item F
State Legislative Program

REQUEST

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO APPROVING THE VILLAGE OF PALMETTO BAY PLAN AND STATE LEGISLATIVE FUNDING REQUESTS FOR WATER PROJECTS FOR THE 2003 LEGISLATIVE SESSION.

BACKGROUND AND ANALYSIS

The Florida Legislature meets for 60 days the spring of each year. The 2003 Legislative Session convenes on March 4, 2003 and adjourns on May 2, 2003.

The Legislature funds a broad range of programs and activities. The guidelines and timelines are different for each program area. The Village of Palmetto Bay, unfortunately, has missed several of these deadlines, most notably for the funding of park improvements, known as the FERDAP Program.

The Village has been "on deadline" for the priority area of water projects. The deadline for this program was November 15, 2003.

Kimley-Horn, engineering and consulting firm offered pro bono to assist the Village with the preparation and submission of the funding requests. Kimley-Horn serves as the Town Engineer for the Town of Miami Lakes.

The Village of Palmetto Bay was able to meet the November 15th deadline. With the assistance of Kimley-Horn and Mr. Roman Gastesi of Miami-Dade County, the following applications were filed:

- Comprehensive Stormwater Plan Development - \$250,000. The update and development of a comprehensive Stormwater/Flooding Program for the entire Village.

- Stormwater Improvements to Local Roadways - \$2,000,000. Stormwater drainage improvements throughout the Village.
- Potable Water - \$2,000,000. Potable water installation throughout the Village.

It should be noted that the specific areas for the improvements will be refined as more information becomes available.

RECOMMENDATION

Approval is recommended.

APPLICATION NO. 1

For Water Project Funding Under House Bill 851

Stormwater Masterplan

Application for Water Project Funding under House Bill 851

The following information is **required** for all water projects (wastewater, stormwater, surface water restoration, and other water management projects). **You must complete all fields or your application will be deemed incomplete.**

1. Applicant (entity) name: Village of Palmetto Bay

Name of local official authorizing application: Eugene Flinn, Mayor
 Street: 900 Perine Avenue
 City: Palmetto Bay
 Zip Code: 33157
 County: Miami-Dade

2. Project Title: Stormwater Masterplan

3. Contact Person

Name: Charles Scurr, Advising Village Manager
 Phone Number: 305-663-6338
 E-mail: cscurr@cityofsouthmiami.net

4. Applicant type (select **one**):

- County
- Municipality (city, town, village)
- Water management districts
- Special district that has legal responsibilities for water quality improvement, water management, storm water management, sewer system operations, and lake and river restoration projects

4a. If applicant is a county, is it designated as a Rural Area of Critical Economic Concern under s. 288.0656, Florida Statutes? Yes No

5. Project Type:

- Wastewater
 Stormwater
 Surface Water Restoration
 Flood Control
 Other

5a. Project Description (identify location and specific facilities to be provided):

*The Village of Palmetto Bay is still recovering from the devastating effects of Hurricane Andrew and the more recent "No Name Storm". These two storm events destroyed a significant amount of the Village and have caused ongoing issues associated with stormwater management. The Village of Palmetto Bay has recently incorporated and is the newest municipality located in Miami-Dade County. The Village was incorporated in February 2002. During these infancy stages of incorporation, the Village is in need of several initial elements to begin planning for future improvements and programs. One of the first projects that the Village is planning on undertaking is the preparation of a Stormwater Masterplan.

At less than ten feet above sea level, the Village of Palmetto Bay is especially vulnerable to the hazards of flooding. Thus the control of flooding within the Village boundaries is a complex and potentially difficult task. Improperly managed stormwater runoff may potentially impact public health/safety, public/private property, and the environment. By creating a Stormwater Masterplan the Village will be able to improve the manner in which it deals with flood hazard mitigation. For this reason, the Village is requesting this matching funds grant to help fund a comprehensive plan to mitigate flooding and assist in joining federal flood insurance programs.

*Form field will expand.

6. Applicant population, if Municipality (city, town, village) or County (must be from Census 2000)*:
Population = 24,649

*Census 2000 population data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

7. Applicant **per capita** income, if Municipality (city, town, village) or County (must be from Census 2000)*:

Per capita income = \$25,998

*Census 2000 per capita income data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

8. Total estimated cost of project (round to nearest \$1,000): \$250,000

9. Amount requested in this application (round to nearest \$1,000): \$225,000

10. Is this request being made to fund (check applicable): Operations? Construction?

11. What type of match exists for this request (check applicable)?

Local Private Federal None

11a. Enter amounts that apply:

Total cash amount: \$12,500

Total in-kind amount: \$12,500

12. Was this project previously funded by the state? Yes No Unknown

12a. If yes, most recent Fiscal Year: Amount (round to nearest \$1,000): \$

12b. Has the project been funded—or is it on a list for funding consideration—by any Department of Environmental Protection, Department of Community Affairs, or federal funding program (State Revolving Fund, Small Community Wastewater Grant, Florida Forever, Community Development Block Grant, Rural Development Corporation, Economic Development Administration, etc.)?

Yes No Unknown

12c. If yes, provide:

Name of the funding program:

Type of funding (loan, grant, combination, etc.):

Status or likelihood of funding (awarded, pending, under consideration, etc):

Amount awarded, pending, or under consideration: \$

13. Is future funding likely to be requested? Yes No Unknown

13a. If yes, how much: \$

13b. Purpose for future year funding:

Recurring operations

Non-recurring operations

Other

14. Will this be an annual request? Yes No Unknown

15. Is the project included in a (check applicable):

- Surface Water Improvement and Management Plan under chapter 373, part IV?
- Other water restoration plan required by law?
- Watershed restoration management plan prepared pursuant to s. 403.067, F.S.?
- Wastewater Facility Plan?
- Locally adopted wastewater, stormwater, or other water quality improvement or restoration plan?
- Other

15a. Provide the name and date of the plan, the date of its adoption or approval, and cite the page(s) where the project is identified and described.

*The location of the Village of Palmetto Bay is in southeast Miami-Dade County. The County has an adopted Stormwater masterplan that includes the area of the Village. Now that the Village is incorporated, there is the need to complete a separate Stormwater masterplan for the Village.

*Form field will expand.

- If this plan has not previously been submitted to DEP, you **must** submit it (or a copy of the cover page, dated page, and the pages where your project is identified) to the following address:

Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3500
Tallahassee, FL 32399-2400
ATTN: WATER PROJECT APPLICATIONS

16. Will this project protect the environment? Yes No

16a. Describe, specifically, how it will protect the environment:

*The project will protect the environment by reducing pollutant loadings to the Biscayne Bay. Currently, the stormwater in the Village is discharged directly to the Biscayne Bay with little water quality pre-treatment. The Stormwater masterplan will propose projects that will provide exfiltration trench for storm water quality treatment of the first one-inch of runoff from the right-of-way or 2.5 times the roadway area, whichever is greater. In addition, pollution retardant baffles and sediment traps will be added to all catchbasins within the Sub-basins. These improvements will reduce the pollutant loading to the Biscayne Bay.

*Form field will expand.

16b. Will this project reduce pollutant loadings to a surface water body? Yes No

16c. If yes, name the water body: Biscayne Bay

16d. 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:

*The project will protect the environment by reducing pollutant loading to the Biscayne Bay. Currently, the stormwater in the Village is discharged directly to the Biscayne Bay with little water quality pre-treatment. The Stormwater masterplan will propose projects that will provide exfiltration trench for storm water quality treatment of the first one-inch of runoff from the right-of-way or 2.5 times the roadway area, whichever is greater. In addition, pollution retardant baffles and sediment traps will be added to all catchbasins within the Sub-basins. These improvements will reduce the pollutant loading to the Biscayne Bay.

*Form field will expand.

16e. Will this project reduce pollutant loadings to ground water? Yes No

16f. 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:

*The project will reduce pollutant loadings to the Biscayne Bay. In the Village, a few drainage areas do not meet water quality pre-treatment requirements. Additional exfiltration trench will be recommended in these areas to reduce pollutant loading to the Biscayne Bay. Pollution retardant baffles and sediment traps will be added to all catchbasins within this Sub-basin as well. The proposed improvements from the masterplan will help to reduce pollution of the Biscayne Aquifer.

*Form field will expand.

17. Will this project protect public health? Yes No

17a. If yes, describe, specifically, how it will protect public health: [Field needs to hold 500 words]

*The devastating effects of Hurricane Andrew and the more recent "No Name Storm" significantly impacted the Village of Palmetto Bay. These two storm events destroyed a significant amount of the Village and have caused ongoing issues associated with stormwater management. The health of the citizens of the Village will be protected from such devastating damages in the future if the Village is allowed to plan and implement measures to enhance their stormwater system.

The project will protect public health in two ways. First, it will recommend projects to reduce flooding and the associated public health risks throughout the Village of Palmetto Bay. Second, it will improve water quality in several bodies of water including the Biscayne Bay. The Biscayne Bay is listed in the South Florida Water Management District Surface Water Improvement and Management Plan and the C-100 Canal is a priority Surface Water Body under Federal Clean Water Act reporting regulations. The Biscayne Aquifer supplies drinking water for Miami-Dade County. This report describes how the project will accomplish these two goals.

Several areas within the Village of Palmetto Bay experience frequent flooding. Flooding was observed during the period between June 24 and July 12 when the Town experienced frequent heavy rainfall events. Flooding complaints recorded by the Miami-Dade County Public Works Department between January 1997 and August 2002 will be collected and analyzed. The complaint records show several incidences of flooding in the areas covered by the project. Drainage calculations will be performed as part of the Village's Stormwater Masterplan to identify low portions of the roadways within the Village. The intent of the calculations is to identify areas that will flood during the 5-year, 24-hour and 10-year, 24-hour storm events. In addition, the 100-year, 72-hour storm event will be evaluated to identify if they will produce flood levels above the finish floor elevations of the houses.

Some recommendations from the masterplan may include the addition of additional catchbasins, larger outfalls and regular maintenance throughout the Village to alleviate the drainage problems. The forthcoming recommendations for improvements will focus on eliminating roadway flooding during the 5-year, 24-hour storm. The 10-year storm stage should not exceed the crown of road elevations, the 25-year, 72-hour storm should not produce flooding greater than 1 foot above the roadways and the 100-year, 72-hour storm should not exceed finish floor elevations of houses within the drainage Sub-basins. These decreased flood levels will protect public health and safety during major storm events.

The project will also improve water quality in several surface water bodies and in the subsurface aquifer. The surface water bodies include the C-100 Canal and Biscayne Bay. The aquifer that will be protected is the Biscayne Aquifer. The exfiltration trench, pollution retardant baffles and sediment traps in addition to the regular maintenance that will be proposed as part of the recommendations from this project will reduce pollutant loading to all of these bodies of water. The pollutant reduction to the surface water bodies will make them safer for fishing, boating and other human activities. The pollution reduction to the aquifer will make it safer for use as a source of drinking water.

This project is a priority for the Village of Palmetto Bay. It will benefit public health within the Village and particularly the areas where the improvements are recommended to be constructed by reducing flooding. The project will also benefit public health in the Village of Palmetto Bay, Miami-Dade County and the State of Florida by reducing pollution in several surface and subsurface waters.

*Form field will expand.

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

18b. Meeting date: 11/7/2002

APPLICATION NO. 2

For Water Project Funding Under House Bill 851

Stormwater Improvements to Local Roadways

Application for Water Project Funding under House Bill 851

The following information is **required** for all water projects (wastewater, stormwater, surface water restoration, and other water management projects). **You must complete all fields or your application will be deemed incomplete.**

1. Applicant (entity) name: Village of Palmetto Bay

Name of local official authorizing application: Eugene Flinn, Mayor

Street: 900 Perine Avenue

City: Palmetto Bay

Zip Code: 33157

County: Miami-Dade

2. Project Title: Stormwater Improvements to Local Roadways

3. Contact Person

Name: Charles Scurr, Advising Village Manager

Phone Number: 305-663-6338

E-mail: cscurr@cityofsouthmiami.net

4. Applicant type (select **one**):

- County
- Municipality (city, town, village)
- Water management districts
- Special district that has legal responsibilities for water quality improvement, water management, storm water management, sewer system operations, and lake and river restoration projects

4a. If applicant is a county, is it designated as a Rural Area of Critical Economic Concern under s. 288.0656, Florida Statutes? Yes No

5. Project Type:

Wastewater

Stormwater

Surface Water Restoration

Flood Control

Other

5a. Project Description (identify location and specific facilities to be provided):

*The Village of Palmetto Bay is still recovering from the devastating effects of Hurricane Andrew and the more recent "No Name Storm". These two storm events destroyed a significant amount of the Village and have caused ongoing issues associated with stormwater discharge. The Village of Palmetto Bay is a newly incorporated municipality located in southeast Miami-Dade County. The Village was incorporated in February 2002. During these infancy stages of incorporation, the Village is in need of several initial elements to begin implementing stormwater improvements and programs. Several areas within the Town are in need of immediate stormwater improvements. These areas are:

- 87th Avenue
- 77th Avenue
- 152 Street
- 144 Street
- 184 Street
- Franjo Road

13b. Purpose for future year funding:

Recurring operations

Non-recurring operations

Other

14. Will this be an annual request? Yes No Unknown

15. Is the project included in a (check applicable):

- Surface Water Improvement and Management Plan under chapter 373, part IV?
- Other water restoration plan required by law?
- Watershed restoration management plan prepared pursuant to s. 403.067, F.S.?
- Wastewater Facility Plan?
- Locally **adopted** wastewater, stormwater, or other water quality improvement or restoration plan?
- Other

15a. Provide the name and date of the plan, the date of its adoption or approval, and cite the page(s) where the project is identified and described.

*The location of the Village of Palmetto Bay is within Miami-Dade County. The County has an adopted Stormwater masterplan that includes the area of the Village.

*Form field will expand.

- If this plan has not previously been submitted to DEP, you **must** submit it (or a copy of the cover page, dated page, and the pages where your project is identified) to the following address:

Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3500
Tallahassee, FL 32399-2400
ATTN: WATER PROJECT APPLICATIONS

16. Will this project protect the environment? Yes No

16a. Describe, specifically, how it will protect the environment:

*The project will protect the environment by reducing pollutant loadings to the Biscayne Bay. Currently, the stormwater in the these areas of the Village is discharged either directly into the Biscayne Bay or through canals that discharge into the Biscayne Bay with little water quality pre-treatment. The Stormwater improvements will create projects that will provide exfiltration trench for storm water quality treatment of the first one-inch of runoff from the right-of-way or 2.5 times the roadway area, whichever is greater. In addition, pollution retardant baffles and sediment traps will be added to all catchbasins within the Sub-basins. These improvements will reduce the pollutant loading to the Biscayne Bay.

*Form field will expand.

16b. Will this project reduce pollutant loadings to a surface water body? Yes No

16c. If yes, name the water body: Biscayne Bay

16d. 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:

*The project will protect the environment by reducing pollutant loading to the Biscayne Bay. Currently, the stormwater in the these areas of the Village is discharged either directly into the Biscayne Bay or through canals that discharge into the Biscayne Bay with little water quality pre-treatment. The Stormwater improvements will create projects that will provide exfiltration trench for storm water quality treatment of the first one-inch of runoff from the right-of-way or 2.5 times the roadway area, whichever is greater. In addition, pollution retardant baffles and sediment traps will be added to all catchbasins within the Sub-basins. These improvements will reduce the pollutant loading to the Biscayne Bay.

*Form field will expand.

16e. Will this project reduce pollutant loadings to ground water? Yes No

16f. 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:

*The project will reduce pollutant loadings to the Biscayne Bay. In the Village, a few drainage areas do not meet water quality pre-treatment requirements. Additional exfiltration trench will be recommended in these areas to reduce pollutant loading to the Biscayne Bay. Pollution retardant baffles and sediment traps will be added to all catchbasins within this Sub-basin as well. The proposed improvements from the masterplan will help to reduce pollution of the Biscayne Aquifer.

*Form field will expand.

17. Will this project protect public health? Yes No

17a. If yes, describe, specifically, how it will protect public health: [Field needs to hold 500 words]

*The devastating effects of Hurricane Andrew and the more recent "No Name Storm" significantly impacted the Village of Palmetto Bay. These two storm events destroyed a significant amount of the Village and have caused ongoing issues associated with stormwater management. The health of the citizens of the Village will be protected from such devastating damages in the future if the Village is allowed to implement measures to enhance their stormwater system.

The project will protect public health in two ways. First, it will reduce flooding and the associated public health risks throughout the Village of Palmetto Bay. Second, it will improve water quality in several bodies of water including the Biscayne Bay. The Biscayne Bay is listed in the South Florida Water Management District Surface Water Improvement and Management Plan and the C-100 Canal is a priority Surface Water Body under Federal Clean Water Act reporting regulations. The Biscayne Aquifer supplies drinking water for Miami-Dade County. This report describes how the project will accomplish these two goals.

The noted areas for improvement within the Village of Palmetto Bay experience frequent flooding. Flooding was observed during the period between June 24 and July 12 when the Town experienced frequent heavy rainfall events. Drainage calculations will be performed as part of this project to identify low portions of the roadways within the Village. The intent of the calculations is to evaluate the areas that will flood during the 5-year, 24-hour and 10-year, 24-hour storm events and design and implement the improvements. In addition, the 100-year, 72-hour storm event will be evaluated to identify if they will produce flood levels above the finish floor elevations of the houses.

The recommendations for these roadways may include the addition of additional catchbasins, larger outfalls and regular maintenance throughout the Village to alleviate the drainage problems. The forthcoming recommendations for improvements will focus on eliminating roadway flooding during the 5-

year, 24-hour storm. The 10-year storm stage should not exceed the crown of road elevations, the 25-year, 72-hour storm should not produce flooding greater than 1 foot above the roadways and the 100-year, 72-hour storm should not exceed finish floor elevations of houses within the drainage Sub-basins. These decreased flood levels will protect public health and safety during major storm events while at the same time providing better stormwater quality discharge.

These projects will also improve water quality in several surface water bodies and in the subsurface aquifer. The surface water bodies include the C-100 Canal and Biscayne Bay. The aquifer that will be protected is the Biscayne Aquifer. The ultimate exfiltration trench, pollution retardant baffles and sediment traps in addition to the regular maintenance that will be proposed as part of the recommendations from this project will reduce pollutant loading to all of these bodies of water. The pollutant reduction to the surface water bodies will make them safer for fishing, boating and other human activities. The pollution reduction to the aquifer will make it safer for use as a source of drinking water.

These projects are a priority for the Village of Palmetto Bay. It will benefit public health within the Village and particularly the areas where the construction is proposed by reducing flooding. The project will also benefit public health in the Village of Palmetto Bay, Miami-Dade County and the State of Florida by reducing pollution in several surface and subsurface waters.

*Form field will expand.

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

18b. Meeting date: 11/7/2002

APPLICATION NO. 3

For Water Project Funding Under House Bill 851

Miscellaneous Potable Water Improvements

Application for Water Project Funding under House Bill 851

The following information is **required** for all water projects (wastewater, stormwater, surface water restoration, and other water management projects). **You must complete all fields or your application will be deemed incomplete.**

1. Applicant (entity) name: Village of Palmetto Bay

Name of local official authorizing application: Eugene Flinn, Mayor
 Street: 900 Perine Avenue
 City: Palmetto Bay
 Zip Code: 33157
 County: Miami-Dade

2. Project Title: Miscellaneous Potable Water Improvements

3. Contact Person

Name: Charles Scurr, Advising Village Manager
 Phone Number: 305-663-6338
 E-mail: cscurr@cityofsouthmiami.net

4. Applicant type (select **one**):

- County
- Municipality (city, town, village)
- Water management districts
- Special district that has legal responsibilities for water quality improvement, water management, storm water management, sewer system operations, and lake and river restoration projects

4a. If applicant is a county, is it designated as a Rural Area of Critical Economic Concern under s. 288.0656, Florida Statutes? Yes No

5. Project Type:

- Wastewater
- Stormwater
- Surface Water Restoration
- Flood Control
- Other

5a. Project Description (identify location and specific facilities to be provided):

*The Village of Palmetto Bay is a newly incorporated municipality located in southeast Miami-Dade County. The Village was incorporated in February 2002. During these infancy stages of incorporation, the Village is in need of initial grant assistance that will allow us to begin implementing much needed capital improvement projects. Several areas within the Village currently obtain potable water from individual wells located on each property. These areas of the Village are in need of immediate potable water improvements to eliminate the potential of contaminated drinking water from leaching septic tanks. These areas are:

- Old Cutler Road
- 67th Avenue
- 144 Street

There are numerous neighborhoods within the Village of Palmetto Bay that currently discharge their wastewater into septic tanks. The practice of discharging wastewater into septic tanks was abandoned numerous years ago due to the problems of leaching into the surrounding waters. The areas noted

above are a few of the neighborhoods that are in need of a water distribution system and the so they can abandon their existing drinking water wells.

*Form field will expand.

6. Applicant population, if Municipality (city, town, village) or County (must be from Census 2000)*:
Population = 24,649

*Census 2000 population data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

7. Applicant **per capita** income, if Municipality (city, town, village) or County (must be from Census 2000)*:

Per capita income = \$25,998

*Census 2000 per capita income data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

8. Total estimated cost of project (round to nearest \$1,000): \$2,000,000

9. Amount requested in this application (round to nearest \$1,000): \$1,800,000

10. Is this request being made to fund (check applicable): Operations? Construction?

11. What type of match exists for this request (check applicable)?

Local Private Federal None

11a. Enter amounts that apply:

Total cash amount: \$100,000

Total in-kind amount: \$100,000

12. Was this project previously funded by the state? Yes No Unknown

12a. If yes, most recent Fiscal Year: Amount (round to nearest \$1,000): \$

12b. Has the project been funded—or is it on a list for funding consideration—by any Department of Environmental Protection, Department of Community Affairs, or federal funding program (State Revolving Fund, Small Community Wastewater Grant, Florida Forever, Community Development Block Grant, Rural Development Corporation, Economic Development Administration, etc.)?

Yes No Unknown

12c. If yes, provide:

Name of the funding program:

Type of funding (loan, grant, combination, etc.):

Status or likelihood of funding (awarded, pending, under consideration, etc):

Amount awarded, pending, or under consideration: \$

13. Is future funding likely to be requested? Yes No Unknown

13a. If yes, how much: \$

13b. Purpose for future year funding:

Recurring operations

Non-recurring operations

Other

14. Will this be an annual request? Yes No Unknown

15. Is the project included in a (check applicable):

- Surface Water Improvement and Management Plan under chapter 373, part IV?
- Other water restoration plan required by law?
- Watershed restoration management plan prepared pursuant to s. 403.067, F.S.?
- Wastewater Facility Plan?
- Locally **adopted** wastewater, stormwater, or other water quality improvement or restoration plan?
- Other

15a. Provide the name and date of the plan, the date of its adoption or approval, and cite the page(s) where the project is identified and described.

*With the recent incorporation of the Village of Palmetto Bay, we are not sure if this project has been included in any approved plan. However, the Miami-Dade County Department of Environmental Resource Management (DERM) has issued notice to the homeowners in these neighborhoods that their groundwater wells may become polluted by the septic tank seepage.

*Form field will expand.

- If this plan has not previously been submitted to DEP, you **must** submit it (or a copy of the cover page, dated page, and the pages where your project is identified) to the following address:

Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3500
Tallahassee, FL 32399-2400
ATTN: WATER PROJECT APPLICATIONS

16. Will this project protect the environment? Yes No

16a. Describe, specifically, how it will protect the environment:

*The project will protect the environment by reducing the amount of groundwater that is currently pulled from the aquifer for human consumption. Currently the septic tanks that are in the area discharge into the groundwater that feeds the wells that are utilized for consumption. Additionally, the wastewater in the groundwater that is generated from the septic tanks can contaminate the waters of the Biscayne Bay and this groundwater migration is accelerated by the draw down caused by the wells. The Biscayne Bay and the canals that discharge into the Biscayne Bay are adjacent to the neighborhoods with the septic tanks. By eliminating the drinking water wells, we are reducing the pollutants migration that is occurring by the draw down caused by the wells.

*Form field will expand.

16b. Will this project reduce pollutant loadings to a surface water body? Yes No

16c. If yes, name the water body: Biscayne Bay

16d. 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:

*The project will protect the environment by reducing the amount of groundwater that is currently pulled from the aquifer for human consumption. Currently the septic tanks that are in the area discharge into the groundwater that feeds the wells that are utilized for consumption. Additionally, the wastewater in the groundwater that is generated from the septic tanks can contaminate the waters of the Biscayne Bay and this groundwater migration is accelerated by the draw down caused by the wells. The Biscayne Bay and the canals that discharge into the Biscayne Bay are adjacent to the neighborhoods with the septic tanks. By eliminating the drinking water wells, we are reducing the pollutant migration that is occurring by the draw down caused by the wells.

*Form field will expand.

16e. Will this project reduce pollutant loadings to ground water? Yes No

16f. 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:

*The project will protect the environment by reducing the amount of groundwater that is currently pulled from the aquifer for human consumption. Currently the septic tanks that are in the area discharge into the groundwater that feeds the wells that are utilized for consumption. Additionally, the wastewater in the groundwater that is generated from the septic tanks can contaminate the waters of the Biscayne Bay and this groundwater migration is accelerated by the draw down caused by the wells. The Biscayne Bay and the canals that discharge into the Biscayne Bay are adjacent to the neighborhoods with the septic tanks. By eliminating the drinking water wells, we are reducing the pollutant migration that is occurring by the draw down caused by the wells.

*Form field will expand.

17. Will this project protect public health? Yes No

17a. If yes, describe, specifically, how it will protect public health: [Field needs to hold 500 words]

*The project will protect public health by eliminating a concern that the Miami-Dade County Department of Environmental Resource Management (DERM) has outlined to the homeowners in these neighborhoods. DERM has indicated that their groundwater wells may become polluted by the septic tank seepage. This project will allow the wells that are potentially contaminated to be abandoned and replaced with potable water mains that serve the community.

The Biscayne Bay is listed in the South Florida Water Management District Surface Water Improvement and Management Plan and the C-100 Canal is a priority Surface Water Body under Federal Clean Water Act reporting regulations. The Biscayne Aquifer supplies drinking water for Miami-Dade County. These water sources will be enhanced by the reduction of the migration of the septic tank seepage and the public that uses these water sources will have their health protected.

These projects will also improve water quality in several surface water bodies and in the subsurface aquifer. The surface water bodies include the C-100 Canal and Biscayne Bay. The aquifer that will be protected is the Biscayne Aquifer. The ultimate construction of a water distribution system will reduce pollutant loading to all of these bodies of water. The pollutant reduction to the surface water bodies will make them safer for fishing, boating and other human activities. The pollution reduction to the aquifer will make it safer for use as a source of drinking water.

These projects are a priority for the Village of Palmetto Bay. It will benefit public health within the Village and particularly the areas where the construction is proposed by eliminating the health concern of wastewater seepage into the drinking water supply. The project will also benefit public health in the Village of Palmetto Bay, Miami-Dade County and the State of Florida by reducing pollution in several surface and subsurface waters.

*Form field will expand.

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

18b. Meeting date: 11/7/2002