

MINUTES OF THE REGULAR MEETING OF NAPLES CITY COUNCIL HELD IN JOINT PUBLIC HEARING WITH THE NAPLES PLANNING ADVISORY BOARD IN THE PARKS & RECREATION BUILDING, NAPLES, FLORIDA, WEDNESDAY, SEPTEMBER 6, 1978, AT 9:00 A.M.

Present: R. B. Anderson
Mayor

James F. McGrath
Wade H. Schroeder
Randolph I. Thornton
Edward A. Twerdahl
Kenneth A. Wood
Councilmen

Absent: C. C. Holland
Councilman

Planning Advisory Board

Present: Clayton Bigg, Chairman
Lawson Adams
Donald Boyes
Eugene Pratt

Absent: Roger Billings

Also Present: George M. Patterson, City Manager
David W. Rynders, City Attorney
Bradley Estes, Assistant to the City Manager
Mark Wiltsie, Purchasing
Franklin Jones, Finance Director
Gary Young, Police Chief
William Savidge, Public Works Director
John McCord, City Engineer

Ted Smallwood, Consulting Engineer

Charles Andrews

Tom Marshall

Richard Bott

Mrs. Ida Capuano

Harry Rothchild

Harry E. O. Heineman

William Shearston

Sam Aronoff

Walter Keller

Egon Hill

Arndt Mueller

David Heron

Mr. & Mrs. Grant

Robert Tiffany

Robert E. Lee Hall

Mr. Lutz

News Media: John Robinson, TV-9
David Swartzlander Naples Daily News
Allen Bartlett, Ft. Myers News Press
Bella English, Miami Herald
Kent Weissinger, WRGI
Ray McNally, TV-9
Lloyd Dove, WINK-TV
John Runde, WEVU-TV
Tom Martino, WBBH-TV

Other interested citizens and visitors.

Mayor Anderson called the meeting to order; whereupon Lawson Adams of the Planning Advisory Board gave the Invocation, followed by the Pledge of Allegiance to the Flag.

AGENDA ITEM 3. Approval of Minutes

Mayor Anderson called Council's attention to the minutes of the Regular Meeting of August 16, 1978. Mr. Thornton moved to accept these minutes as presented, seconded by Mr. McGrath and carried on consensus of Council.

Mayor Anderson than called Council's attention to the minutes of the Special Meeting of August 21, 1978 and Special Meeting of August 29, 1978, there being no corrections to these minutes he declared them approved.

AGENDA ITEM 4. JOINT PUBLIC HEARING: City Council and Naples Planning Advisory Board.

Mr. Roger Barry assembled the Planning Advisory Board and noted that Mr. Billings was absent.

AGENDA ITEM 4-a. Special Exception Petition No. 78-S10, permission to install 4-foot high chain link fence in required front yard at 689 Tenth Street North. Petitioner: Ida Capuano.

Mayor Anderson opened the Public Hearing at 9:10 a.m. whereupon Mr. Richard Bott presented himself to speak for the petitioner. He outlined the reasons for the petition and requested that the Planning Advisory Board recommend approval of a 4-foot high chain link fence. There being no one else to speak for or against, the Mayor closed the Public Hearing at 9:11 a.m. Discussion followed with members of the Planning Advisory Board stating that the main objection was to a chain link fence in a residential neighborhood. Mr. Pratt moved to deny Special Exception Petition No. 78-S10 for a chain link fence but to leave open to consideration some other type of fence, seconded by Mr. Adams and carried unanimously. Mr. Twerdahl moved to accept the recommendation of the Planning Advisory Board to deny Special Exception Petition No. 78-S10 for a chain link fence, seconded by Mr. Schroeder and carried on roll call vote, 4-2, with Mr. McGrath and Mr. Thornton voting no.

AGENDA ITEM 4-b. Nonconformity Petition No. 78-N2, expansion of a nonconforming structure to change the use from service station to retail shopping. Property located at 1201 Third Street South. Petitioner: Neapolitan Enterprises, Inc.

City Attorney Rynders read the notice of Public Hearing; whereupon Mayor Anderson opened the Public Hearing at 9:38 a.m. Mr. Walter Keller, architect for the project, spoke in favor of the petition. There being no one else to speak for or against, the Mayor closed the Public Hearing at 9:40 a.m. Mr. Boyes moved approval of Nonconformity Petition No. 78-N2, seconded by Mr. Pratt and carried unanimously. Mr. Thornton moved to accept the Planning Advisory Board's recommendation to approve Nonconformity Petition No. 78-N2, seconded by Mr. McGrath and carried on roll call vote, 6-0.

Mayor Anderson excused the Planning Advisory Board at 9:46 a.m.

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AGENDA ITEM 5. PUBLIC HEARINGS:

AGENDA ITEM 5-a. To gain input from the citizens of the City of Naples on proposed uses of the Federal Revenue Sharing Funds for the fiscal year 1978-79.

Mayor Anderson opened the Public Hearing at 9:47 a.m. There being no one to make any recommendations on the use of these funds, the Mayor closed the Public Hearing at 9:48 a.m.

AGENDA ITEM 5-b. Proposed City of Naples budget.

Mayor Anderson opened the Public Hearing at 9:49 a.m. Harry Rothchild commented on the use of Federal funds, Egon Hill commented on the structure of the budget, noting the lack of object totals, and David Heron requested the return of the monies deleted for the beach erosion study. There being no one else to speak for or against, the Mayor closed the hearing at 10:10 a.m.

AGENDA ITEM 6. PUBLIC HEARING: Second reading of ordinance.

An ordinance granting a Special Exception to construct an eight foot high garden wall in the required front yard at 325 Gulf Shore Boulevard, Naples, Florida, more particularly described herein; and providing an effective date. Pursuant to Joint Public Hearing August 2, 1978.

Mayor Anderson opened the Public Hearing at 10:11 a.m.; whereupon City Attorney Rynders read the above titled ordinance by title for Council's consideration on Second Reading. There being no one to speak for or against, the Mayor closed the Public Hearing at 10:12 a.m. Mr. Thornton moved adoption of Ordinance 3071, on Second Reading, seconded by Mr. McGrath and carried on roll call vote, 5-1, with Mr. Schroeder voting no.

Mayor Anderson noted there were quite a few people in the audience in reference to Agenda Item 8 and asked if this item could be considered at this time.

AGENDA ITEM 8. Consideration of placing a referendum issue on the November ballot regarding the dissolution of the Naples Police Department. Requested by Councilman Schroeder.

Mr. Thornton made a motion to remove this from the agenda, seconded by Mr. McGrath. Mr. Schroeder objected to this action which did not allow the matter to be voted on by the electorate. Motion carried on roll call vote, 5-1, with Mr. Schroeder voting no. Mr. Harry Rothchild objected to the action of Council.

RETURN TO AGENDA ITEM 7

AGENDA ITEM 7. FIRST READING of ordinances.

AGENDA ITEM 7-a. An ordinance authorizing expansion of a nonconforming structure located on the southeast corner of Third Street South and Twelfth Avenue South, more particularly described herein, to change the use thereof from a gasoline service to retail shops; and providing an effective date. Purpose: To authorize expansion of a nonconforming structure, pursuant to Sec. 4 of the Zoning Code. Pursuant to Joint Public Hearing above.

City Attorney Rynders read the above captioned ordinance by title for Council's consideration on First Reading. Mr. Twerdahl moved approval of this ordinance on First Reading, seconded by Mr. McGrath and carried on roll call vote, 6-0

AGENDA ITEM 7-b. An ordinance adopting the budget for the fiscal year 1978-79, and appropriating funds for the operating expenses of the City of Naples for the general operation of the several governmental departments of the City, including its utilities, and for contributing to the sinking funds of the City to pay interest on and provide for the retirement of the outstanding bonds and other fixed obligations of the City, for the utility tax funds and the City of Naples Parking Authority, for and during the fiscal year 1978-79; and providing an effective date. Purpose: To adopt the budget and appropriate funds for fiscal year 1978-79.

City Attorney Rynders read the above captioned ordinance by title for Council's consideration on First Reading. Mr. Schroeder moved approval of this ordinance on First Reading, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 7-c. An ordinance determining and fixing the 1978 tax levy for the purpose of providing sufficient funds for the general fund and to levy a special tax for general obligation improvement bond indebtedness. Purpose: To fix the 1978 tax levy.

City Attorney Rynders read the above titled ordinance by title for Council's consideration on First Reading. Mr. Schroeder moved approval of this ordinance on First Reading, seconded by Mr. Twerdahl and carried on roll call vote, 6-0.

AGENDA ITEM 7-d. An ordinance repealing Section 16-21 of the Code of Ordinances of the City of Naples, Florida, which provides a schedule of fees to be charged at all City tennis courts; and substituting a new Section 16-21 therefor, providing for the adoption of a schedule of tennis court fees by resolution of the City Council; and providing an effective date. Purpose: To provide for the adoption of a schedule of tennis court fees by resolution of Council in lieu of requiring the passage of an ordinance each time such schedule of fees is revised. Requested by City Manager.

City Attorney Rynders read the above captioned ordinance by title for Council's consideration on First Reading. Mr. Schroeder moved approval of this ordinance on First Reading, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 7-e. An ordinance amending Section 19-7.1 of the Code of Ordinances of the City of Naples, Florida, relating to permits for construction of driveways, curbs, gutters and change of grade, by adding thereto a new Subsection (c), requiring a permit for the construction, resurfacing, sealing or alteration of driveways; and providing an effective date. Purpose: To require a permit for driveway construction, resurfacing, sealing or alteration. Requested by City Attorney.

City Attorney Rynders read the above titled ordinance by title for consideration by Council on First Reading. Mr. Thornton moved to approve this ordinance, seconded by Mr. Schroeder for purposes of discussion. City Attorney Rynders and City Manager Patterson pointed out that this action was directed at itinerant contractors. Attorney Rynders suggested various amendments. Mr. William Shearston spoke in opposition of

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the wording of this ordinance. Mr. Lutz of Royal Harbor and Harry E. O. Heineman spoke against this proposed ordinance. Motion failed on roll call vote, 0-6.

AGENDA ITEM 7-f. An ordinance amending the Code of Ordinances of the City of Naples Florida, by adding a new Section 9-13 to Chapter 9, relating to fire protection, providing regulations for the delivery and transferring of liquid petroleum gas from tank cars; renumbering the existing Section 9-13; and providing an effective date. Purpose: To prevent fires and explosions resulting from improper delivery and transferring of liquefied petroleum gas from tank cars. Deferred from Regular Meeting of August 16, 1978.

City Attorney Rynders read the above captioned ordinance by title for Council's consideration on First Reading. Mr. Thornton moved approval of this ordinance on First Reading, with the amendment of adding "railroad" tank cars, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 7-g. An ordinance amending Section 23-12 of the Code of Ordinances of the City of Naples, Florida, relating to a two-hour parking limitation on parking in free off-street parking areas, by deleting therefrom Subsection (b) which provided a penalty for violation thereof; further, amending Section 23-12.2, relating to penalties for violation of certain sections of Article III of Chapter 23, by including therein a penalty for the violation of Section 23-12; and providing an effective date. Purpose: To provide a uniform penalty for Article III, Chapter 23. Requested by Police Chief.

City Attorney Rynders read the above referenced ordinance by title for consideration by Council on First Reading. Attorney Rynders pointed out that the State Attorney's office had requested the City to make this correction because they were not able to get any convictions due to the omission of this penalty for violation. Mr. Thornton moved approval of this ordinance, seconded by Mr. McGrath and carried on roll call vote, 5-1, with Mr. Wood voting no. Mr. Wood's opinion was that this action would not solve the problem of collecting traffic fines. Police Chief Gary Young answered Mayor Anderson's question about this problem by concurring with Council's action on this ordinance.

Motion was made by Mr. McGrath, seconded by Mr. Schroeder to proceed to Agenda Item 13, carried on consensus of Council.

AGENDA ITEM 13. A resolution appointing a member to the City of Naples Airport Authority to fill an unexpired term. Requested by Mayor Anderson.

Mr. McGrath recommended Robert N. Tiffany, seconded by Mr. Schroeder and carried on roll call vote, 6-0. City Attorney Rynders read the below titled resolution in its entirety for Council's consideration, inserting Mr. Tiffany's name.

A RESOLUTION APPOINTING A MEMBER TO THE CITY OF NAPLES AIRPORT AUTHORITY TO FILL THE UNEXPIRED TERM OF GEORGE W. HENDERSON; AND PROVIDING AN EFFECTIVE DATE.

Mr. Schroeder moved approval of Resolution 3072, seconded by Mr. McGrath and carried on roll call vote, 6-0.

RETURN TO AGENDA ITEM 9.

AGENDA ITEM 9. A resolution authorizing the Mayor and City Clerk to execute an agreement between Collier County, the City of Naples and Joseph P. D'Alessandro, State Attorney, relating to the hiring of an assistant state attorney for the purpose of prosecuting violations of county and municipal ordinances and laws, a copy of which is attached hereto and incorporated herein; and providing an effective date. Requested by City Attorney.

City Attorney Rynders read the above titled resolution in its entirety for Council's consideration. Mr. Thornton moved approval of Resolution 3073, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 10. A resolution requesting the Florida League of Cities to support the adoption of sunset legislation which would provide that the enabling legislation of all state agencies be automatically repealed every five years in order to provide for the periodic review of the need for, and the public benefits derived from, existing state agencies; and providing an effective date. Requested by City Council.

City Attorney Rynders read the above titled resolution in its entirety for Council consideration. Mr. McGrath moved adoption of Resolution 3074, seconded by Mr. Schroeder and motion carried on roll call vote, 6-0.

City Attorney Rynders requested that Council move to Agenda Item 21-a because he was scheduled to leave the meeting shortly.

AGENDA ITEM 21. Purchasing:

AGENDA ITEM 21-a. Action on bids - East Golden Gate Raw Water Collection Main and East Golden Gate Well Field Pumps and Equipment - Parts A & B. Requested by Consulting Engineer.

Mr. Ted Smallwood, Consulting Engineer, explained to Council the background on these two items and the reasons for the recommendation for the bid awards as per correspondence from CH2M Hill dated August 16, 1978 and September 6, 1978 (Attachments #1 & #2).

Let the record show that Mayor Anderson recessed Council at 11:17 a.m. for the purpose of allowing City Manager Patterson to familiarize himself with this matter. Council reconvened at 11:30 a.m. with City Attorney Rynders absent.

City Manager Patterson read the below titled resolution in its entirety for Council's consideration.

A RESOLUTION AWARDDING BID FOR PART "A" OF THE EAST GOLDEN GATE WELL FIELD PUMP AND EQUIPMENT; AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE A CONTRACT THEREFOR; AND PROVIDING AN EFFECTIVE DATE.

Mr. Thornton moved approval of Resolution 3075, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

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City Manager Patterson then read the below titled resolution in its entirety for Council's consideration.

A RESOLUTION AWARDING BID FOR PART "B" OF THE EAST GOLDEN GATE WELL FIELD PUMPS AND EQUIPMENT; AND AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE A CONTRACT THEREFOR; AND PROVIDING AN EFFECTIVE DATE.

Mr. Thornton moved approval of Resolution 3076, seconded by Mr. McGrath and carried on roll call vote, 6-0.

RETURN TO AGENDA ITEM 11.

AGENDA ITEM 11. A resolution requesting the Florida League of Cities to support an amendment to the Government in the Sunshine Law, exempting from the provisions thereof the interviewing, employing and termination of employees of governmental bodies affected thereby; and providing an effective date. Requested by City Council.

City Manager Patterson read the above titled resolution in its entirety for Council's consideration. Mr. Thornton moved approval of Resolution 3077, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 12. A resolution requesting the Florida League of Cities to oppose any federal legislation or regulations requiring municipalities or other local governmental bodies to register bonds, securities or other instruments of indebtedness with the Federal Securities and Exchange Commission; and providing an effective date. Requested by City Council.

City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Schroeder moved approval of Resolution 3078, seconded by Mr. McGrath and carried on roll call vote, 6-0.

Mr. McGrath moved the addition of the following resolution to the Agenda on an emergency basis because of the time element in getting it before the Florida League of Cities, seconded by Mr. Twerdahl and motion carried by consensus of Council. City Manager Patterson read the below titled resolution by title for Council's consideration.

A RESOLUTION REQUESTING THE FLORIDA LEAGUE OF CITIES TO SUPPORT A CONSTITUTIONAL CONVENTION FOR THE PURPOSE OF AMENDING THE U.S. CONSTITUTION TO REQUIRE CONGRESS TO BALANCE THE FEDERAL BUDGET; AND PROVIDING AN EFFECTIVE DATE.

Mr. Schroeder moved to adopt Resolution 3079, seconded by Mr. McGrath and carried on roll call vote, 6-0.

RETURN TO AGENDA ITEM 14.

AGENDA ITEM 14. A resolution authorizing the Mayor and City Clerk to execute an amendment to the Project Agreement dated March 7, 1978, between the Department of Natural Resources, Division of Recreation and Parks, the City of Naples and Collier County, relating to recreational boating improvements at Naples Landing; and providing an effective date. Requested by City Attorney.

City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Twerdahl moved approval of Resolution 3080, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 15. A resolution authorizing a fleet maintenance study. Requested by City Manager.

(It is noted for the record this was not a resolution.)

City Manager Patterson reviewed his memorandum to the Mayor and Council dated September 1, 1978 (Attachment #3) regarding this matter. Mr. Thornton moved to accept the City Manager's recommendation to contract with Graves, Jensen & Associates for this study, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 16. A resolution reappointing Tom Hoffman to the Board of Trustees of the City of Naples Retirement System. Requested by City Manager.

City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Wood moved approval of Resolution 3081, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 17. A resolution requesting the Board of County Commissioners of Collier County, Florida, to perform necessary repairs to Mooring Line Drive, or to pay the costs incurred by the City in repairing said street, prior to transferring Mooring Line Drive to the City for maintenance; and providing an effective date. Requested by Engineering Department.

City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Thornton moved adoption of Resolution 3082, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 18. A resolution adopting the 201 Facilities Plan. Requested by Consulting Engineer.

(It is noted for the record that this was not a resolution.)

Mr. Ted Smallwood, Consulting Engineer, reported on a conversation with a representative of the Department of Environmental Regulations who asked that Council not pass a resolution regarding the 201 Facilities but rather that Council direct the City Manager to forward to the DER a letter with the consensus of Council regarding the option that Council prefers for the treatment of sewage. It was the consensus of Council that the City Manager prepare a letter indicating Council's preference for Rank 2 Option 5 as listed in Attachment #4.

AGENDA ITEM 19. A resolution accepting easements for the installation and maintenance of the East Golden Gate raw water transmission main, copies of which are attached hereto and incorporated herein; and providing an effective date. Requested by Consulting Engineer.

City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Thornton moved approval of Resolution 3083, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 20. A resolution authorizing the Mayor and City Clerk to execute an agreement between the Seaboard Coast Line Railroad Company and the City of Naples for the installation and maintenance of the East Golden Gate raw water transmission main across the right-of-way and underneath the main track of the Seaboard Coast Line Railroad Company; and providing an effective date. Requested by Consulting Engineer.

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City Manager Patterson read the above titled resolution by title for Council's consideration. Mr. Twerdahl moved approval of Resolution 3084, seconded by Mr. McGrath and carried on roll call vote, 6-0.

AGENDA ITEM 21-b. Bid award - water meter brass and tapping saddles.

City Manager Patterson read the below titled resolution in its entirety for Council's consideration.

A RESOLUTION AWARDING BIDS FOR WATER METER BRASS AND TAPPING SADDLES FOR THE PUBLIC WORKS DEPARTMENT; AUTHORIZING THE CITY MANAGER TO ISSUE PURCHASE ORDERS THEREFOR; AND PROVIDING AN EFFECTIVE DATE.

Mr. Thornton moved approval of Resolution 3085, seconded by Mr. Schroeder and carried on roll call vote, 6-0.

AGENDA ITEM 21-c. A resolution rescinding Resolution No. 3016 which directed the removal of Dick Courteau's GMC Truck Company of Bradenton, Florida, from the City's list of approved bidders; directing the City Manager to place said firm back on the City's bid list; and providing an effective date. Requested by City Attorney.

City Manager Patterson read the above titled resolution in its entirety for Council's consideration. Mr. Twerdahl moved approval of Resolution 3086, seconded by Mr. McGrath and carried on roll call vote, 6-0.

CORRESPONDENCE & COMMUNICATIONS

City Manager Patterson reported that he would like to set up two work sessions for Council; one to be a joint study session with the Planning Advisory Board to review the extensive revisions of the zoning ordinances, and the other to review the plans for streets for the four years beyond the coming fiscal year and arrange for the sale of the street bonds. Mayor Anderson directed Council members to let Mr. Patterson know their proposed schedules for the next few weeks so that dates for these meetings can be set.

*** *** ***

City Manager Patterson answered Mr. Twerdahl's inquiry regarding the joint traffic study with the County by suggesting that a more definite request be made to the County in order to get a pertinent answer concerning their interest in such a study.

Mr. McGrath reported an inquiry he had received about a zoning violation.

There being no further business to come before this Regular Meeting of the Naples City Council, Mayor Anderson adjourned the meeting at 12:30 p.m.

Janet Davis Cason

R. B. Anderson

R. B. Anderson, Mayor

Janet Davis Cason
City Clerk

Ellen P. Marshall
Ellen P. Marshall
Deputy City Clerk

These minutes of the Naples City Council approved on 9-20-78



engineers
planners
economists
scientists

16 August 1978

NA30508.71
NA30506.41

CITY OF NAPLES
735 Eighth Street South
Naples, Florida 33940
Attention: Mr. George Patterson
City Manager

SUBJECT: Bids Received 15 August 1978
"East Golden Gate Raw Water
Collection Main"
"East Golden Gate Well Field Pumps
and Equipment - Parts A & B"

Dear Mr. Patterson:

Please find attached bid tabulations for the above projects and 1 copy of each bid received. Confirming our presentation to Council on 16 August 1978, we hereby recommend award of the contract for "Part B" of the "East Golden Gate Well Field Pumps and Equipment" to Engineer Service Corporation in the amount of \$86,100.00. You will note that theirs was the only bid on this part, but we are satisfied that the City got a very good price for this portion.

Also, in confirmation of our verbal recommendation, we recommend, as Council acted, that the bids for "Part A" of the "East Golden Gate Well Field Pumps and Equipment" and the "East Golden Gate Raw Water Collection Main" be rejected. As Council has rejected the items referenced, we will proceed immediately with preparations for rebid or other acceptable procurement means. We believe that the City can more economically complete these programs in this fashion.

Very truly yours,

A handwritten signature in cursive script that reads "David N. Markey".

David N. Markey, P.E.

ls

Attachments

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BID TABULATION

"East Golden Gate Well Field Pump and Equipment"

CITY OF NAPLES
NAPLES, FLORIDA

Project No. NA30508.71

Dated July 197

BID DATE: 15 AUGUST 1978 - 2:00 P.M., EDT

BIDDERS	PART A	ALTERNATE PART A	TIME OF COMPLETION	PART B	TIME OF COMPLETION
Engineer Service Corporation Jacksonville, FL	\$	\$	1 JANUARY 1979 COMPLETION DAY	\$ 86,100.00	1 FEBRUARY 1979 COMPLETION DAY
McCregor Pump Company Ft. Myers, FL					
Community Electric of Collier, Inc. Naples, FL					
J. R. Orlando Company Immokalee, FL					
Layne Atlantic Company Orlando, FL	483,570.00	430,270.00			
Mechanical and Chemical Equipment Company Brandon, FL	497,000.00	447,000.00			

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September 6, 1978

NA30508.71

City of Naples
735 8th St. So.
Naples, FL 33940

ATTENTION: Mr. George Patterson, City Manager

RE: Project No. NA30508.71
East Golden Gate Well Field Pumps and Equipment

Dear Mr. Patterson:

We have reviewed the bids received on September 5, 1978, at 2:00 p.m., for the above referenced project. In reviewing the bids, there were three (3) noted bid discrepancies. The first being a letter of conditions which qualified the bid of Alsay-Pippin Corporation (copy attached); the second being an error by Alsay-Pippin on bidding Alternate A, which showed a deduct of \$86,000 rather than an alternate bid of \$303,000; and the third being the bid bond for McGregor Pump being .5% as opposed to 5% as specified in the bid document.

The above matters were discussed with the City Attorney and, at his suggestion, both contractors were contacted for clarification relative to the discrepancies. Discussion with Alsay-Pippin concerning their letter resulted in their requesting that their letter and bid on Alternate A be withdrawn. McGregor Pump acknowledged their error in the bid bond by telephone communications and have advised that they are in the process of delivering an adequate bond to the City this morning.

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City of Naples
NA30508.71
September 6, 1978
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Based upon our discussion with the City Attorney as to the legalities of the withdrawal of the letter of condition relative to the bid submitted by Alsay-Pippin, and in the light of our knowledge relative to the ability of Alsay-Pippin to undertake the project if the contract is awarded to them by the Council, it is our recommendation that the City Council award the contract to Alsay-Pippin Corporation in the amount of \$389,000.00, Alsay-Pippin Corporation being the lowest responsible bidder.

Yours very truly,

CH2M HILL



Ted R. Smallwood, P.E.

slt

attachment



ALSAY - PIPPIN CORPORATION

GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: P.O. BOX 1643
LAKE WORTH,
FLORIDA 33460
PH. (305) 967-6620
518904
APCODRILL

TELEX:
CABLE:

September 5, 1978

City of Naples
Naples, Florida

RE: East Golden Gate Well Field
Pumps and Equipment

Gentlemen:

Please find enclosed our bid in full accordance with plans and specifications for above referenced project based on the following:

- A. As per Addendum #3, contract is to be awarded within 15 days; therefore, our bid is valid for this period. Approval of all material items by Engineers to be completed within 10 days thereafter.
- B. Bid is based on approval of factory testing by representative turbine pump motors and bowl assemblies.
- C. No delays will be encountered with Florida Power and Light on final service connections. (We have received verbal assurance of this from Mr. Larry Wicks of FP & L)
- D. An allowance for 20 only bacteriological samples (with attendant lab charges) per well is built in our lump sum bid.

Thank you for the opportunity to bid this project.

Very truly yours,

ALSAY-PIPPIN CORPORATION

Donald E. McCassie

Donald E. McCassie
Administrative Vice-President

DEM:kr

Enclosure

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Agenda Item #21-a - East Golden Gate Well Field Pumps and Equipment - Parts A & B

9/6/78

Received word from Alsay Pippin Corporation, Lake Worth, Florida, that they had forwarded the following telegram to Dave Markey, CH2M & Hill, this morning:

Due to confusion over letter accompanying bid and an error on Alternate Part A, we hereby withdraw both the letter and the alternate.

H.L. Pippin, President

This company was the low bidder on the above project.

TN

BBC637

BID TABULATION

"East Golden Gate Well Field Pump and Equipment"

CITY OF NAPLES
NAPLES, FLORIDA

Project No. NA30508.71

Dated September 197

REBID DATE: 5 September 1978 - 2:00 P.M., EDT

BIDDERS	PART A	ALTERNATE PART A	TIME OF COMPLETION
Chilton Construction Co., Inc. Duncdin, FL	\$		1 February 1979 COMPLETION DAY
McGregor Pump Company Ft. Myers, FL	435,806	365,396	
Alsay-Pippin Corporation Lake Worth, FL	389,000	86,000	
J. R. Orlando Company Immokalee, FL			
Layne Atlantic Company Orlando, FL	444,510.00	398,000	
Mechanical and Chemical Equipment Company Brandon, FL	494,000	444,000	
Meridith Corporation Orlando, FL	496,300	446,300	
Wilson Coastal Enterprises Bonita Springs, FL	505,285	450,000	



City of Naples

735 EIGHTH STREET, SOUTH - NAPLES, FLORIDA 33940

OFFICE OF THE CITY MANAGER

M E M O

TO: HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

FROM: CITY MANAGER GEORGE M. PATTERSON

SUBJECT: FLEET MAINTENANCE STUDY

DATE: SEPTEMBER 1, 1978

We have solicited proposals for a thorough analysis of our fleet maintenance division operation. As I have advised the Council in the past, I much prefer, whenever possible, to do as many studies and analyses as we can in-house within the parameter of our availability of time and expertise. We are currently in the process of completing a pay-for-play plan analysis which should be ready in the next few months and which would have cost nearly \$30,000. We also have several studies and analyses of operations including garbage and trash, parkways and services, etc., which will be done in-house during this next fiscal year.

In the case of the fleet maintenance study, however, I feel it is not only very necessary but, in addition, should be done by an outside firm who can provide the necessary expertise to be of real benefit in terms of both efficiency and effectiveness for years to come. To this end, we made several contacts and inquired of firms that could perform this type of study. We received three proposals from firms who had experience in this type of detailed review of fleet maintenance operations. While I am certain that all three firms are qualified, I would recommend the retention of Graves, Jensen & Associates of Kansas City, Missouri.

The prices quoted for the analysis were from Touche Ross & Company, who gave a very rough estimate of \$22,000 to \$23,000; Graves, Jensen & Associates, who have prices from \$15,500 to \$18,500, depending upon the extent of the study; and from A/R/A Fleet Services in the amount of \$13,000. There were some differences in the analysis that each would make and also some variations in approach.

Mayor and Council
September 1, 1978
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In order to determine the degree of satisfaction which other agencies experienced in using the three firms, we sent a questionnaire to these agencies to determine their degree of satisfaction. Of the five we received on the work performed by Graves, Jensen & Associates, four of the agencies rated them as excellent and the fifth as above average, being the next highest level of satisfaction. We have also determined that Mr. Graves, a partner, will have primary responsibility for this project, should it be awarded to that firm. Mr. Graves has had extensive experience in studies of this type and experience in actually operating vehicle fleets. In 1975 he received a commendation from a National Science Foundation study identifying the Kansas City motor equipment operation as one of the most innovative in the nation and commended him, the superintendent, as being highly professional.

Attached for your review is the scope of the study proposed and a copy of a letter from the firm listing the fees for various aspects of the study. I am recommending that the Council approve Option #4 for a fee of \$15,500 but propose to include the preventive maintenance program as contained in Option #2 for \$17,700, should the additional work prove advisable.

Ten thousand dollars of the funding for this is included in this year's capital improvement budget. The balance would be a maximum of \$7,700, of which \$4,036 would be funded from water and sewer as those divisions' portion of the costs, and the balance of \$3,664 from current capital improvement carryover.

Respectfully submitted,

George M. Patterson
George M. Patterson
City Manager

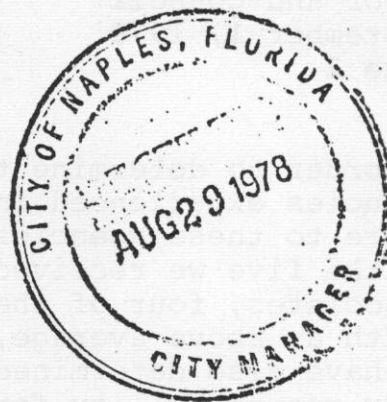
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graves, jensen & associates

EQUIPMENT MANAGEMENT CONSULTANTS

August 25, 1978



Mr. Brad Estes
Asst. to the City Manager
City of Naples
735 Eighth Street, South
Naples, FL 33940

Dear Mr. Estes:

As you are aware, our firm submitted a proposal to the City of Naples, Florida for a Comprehensive Fleet Management and Maintenance Study. Our proposal was submitted on May 23, 1978. Page 15 of our proposal states the terms and fees identified in our proposal would remain in effect for a thirty (30) day period.

This is to confirm our telephone conversation of 8-23 and 8-24 as they relate to the following modification and clarification in our technical proposal and fees:

- (1) Staff Evaluation - Included in our proposal (page 3, item 1) is the evaluation of the current staff, i.e. identification of capabilities, strong points, weak points, capability to adapt to recommended changes, etc.
- (2) Cost Associated With Operation in the Garage - Included in our proposal is the identification, analysis, and evaluation of the costs associated with operation of the garage.
- (3) Fuel Dispensing Systems - Our proposal is amended to include assisting the City of Naples in the evaluation of various automated fuel dispensing systems.

PROFESSIONAL FEES

Professional fees quoted in our proposal of May 23, 1978 and as modified in our letter of July 13, 1978 are further modified as follows:

Option 1 - The professional fee for the study as amended, developing a preventive maintenance program and classifying and coding the fleet, shall not exceed \$18,500.

JACK R. GRAVES

Box 11130 ANTIOCH STATION

KANSAS CITY, MISSOURI 64119

816-454-5116

RONALD W. JENSEN

3442 EAST HATCHER ROAD

PHOENIX, ARIZONA 85028

602-996-3485

Mr. Brad Estes
Page Two
August 25, 1978

- Option 2 - The professional fee for the study as amended and developing a preventive maintenance program shall not exceed \$17,700.
- Option 3 - The professional fee for the study as amended and classifying and coding the fleet shall not exceed \$16,200.
- Option 4 - The professional fee for the study as amended shall not exceed \$15,500.

The above quoted professional fees include all travel and expenses. The professional fees as modified and terms of our original proposal shall remain in effect for a period of thirty (30) days from the date of this amended proposal.

If not accepted in thirty (30) days, Graves-Jensen & Associates reserves the right to revise the quoted fees to reflect increases in travel, lodging, or salary.

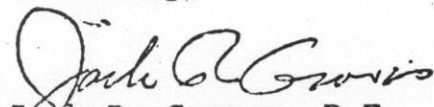
As-I indicated to you in our telephone conversation, if the City of Naples does not intend to contract for the entire proposal, I would strongly recommend your first consideration be Option 2 as it is the most cost effective.

During our firm's on-site evaluation of the Public Works and Parks and Recreation Departments' current operations (page 2, items 5, 6, & 7), we found one of the most important items lacking was a comprehensive preventive maintenance program. In one area a preventive maintenance program is totally lacking, and in the second area the preventive maintenance program appeared to be reactive rather than preventive.

Of the two options (Options 2 & 3) we discussed, Option 2 will provide the City of Naples with the greatest return on investment in addition to providing the quickest results and providing the foundation for the total equipment management program.

If I can be of further assistance, please do not hesitate to contact me.

Sincerely,



Jack R. Graves, P.E.
Principal Consultant

JRG:skm

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BASED ON OUR FIRM'S PRELIMINARY EVALUATION OF THE EQUIPMENT MANAGEMENT STRUCTURE AND RELATED ACTIVITIES, GRAVES-JENSEN & ASSOCIATES IS PLEASED TO OFFER THE FOLLOWING PROPOSAL TO THE CITY OF NAPLES, FLORIDA:

- (1) INVESTIGATE AND ANALYZE THE EXISTING STRUCTURE OF THE EQUIPMENT ORGANIZATION.
- (2) INVESTIGATE AND ANALYZE THE EXISTING MANAGEMENT AND EQUIPMENT MANAGEMENT PRACTICES OF THE EQUIPMENT ORGANIZATION AND ITS RELATION TO EQUIPMENT USERS.
- (3) EXPLORE AND EVALUATE VARIOUS ALTERNATIVES FOR IMPROVEMENT TO EXISTING ORGANIZATIONAL STRUCTURES AND MANAGEMENT PRACTICES FOR THE EQUIPMENT ORGANIZATION AND FACILITIES INCLUDED IN THE STUDY GROUP.
- (4) PROVIDE RECOMMENDATIONS FOR AN EFFICIENT, EFFECTIVE, ORGANIZATIONAL STRUCTURE OF THE EQUIPMENT OPERATION.
- (5) PROVIDE RECOMMENDATIONS FOR IMPROVED MANAGEMENT PRACTICES IN THE EQUIPMENT MANAGEMENT AND SUPPORT SERVICES AREAS.
- (6) EXPLORE AND EVALUATE VARIOUS ALTERNATIVES RELATING TO EQUIPMENT MANAGEMENT, SUCH AS:
 - (A) A SEPARATE EQUIPMENT MANAGEMENT OPERATION ENCOMPASSING ALL OR MOST OF THE EQUIPMENT ACTIVITIES.
 - (B) CONSOLIDATION OF EQUIPMENT ACTIVITIES UNDER AN EXISTING DEPARTMENT.
 - (C) CENTRALIZED FLEET OWNERSHIP.
 - (D) MANPOWER STAFFING LEVELS.
 - (E) DEVELOPMENT OF AN EQUIPMENT MANAGEMENT INFORMATION SYSTEM.

- (F) OUTSIDE CONTRACTUAL MAINTENANCE TO SUPPLEMENT IN-HOUSE EFFORTS.
- (G) CONTRACTING WITH A PRIVATE FIRM TO MANAGE AND OPERATE THE EQUIPMENT MANAGEMENT AND MAINTENANCE ACTIVITIES AND PRESENT MAINTENANCE FACILITIES.
- (H) ANY OTHER ALTERNATIVES DEEMED APPROPRIATE BY GRAVES-JENSEN & ASSOCIATES.
- (7) DEVELOP A RESPONSIVE PREVENTIVE MAINTENANCE SCHEDULING SYSTEM TO INCLUDE ALL VEHICLES AND EQUIPMENT INCLUDED IN THE STUDY GROUP.
- (8) DEVELOP FORMS FORMAT FOR:
 - REPAIR ORDER SYSTEM
 - OPERATOR DAILY INSPECTION
 - OUTSIDE WORK AUTHORIZATION
- (9) INVESTIGATE AND ANALYZE CURRENT VEHICLE AND EQUIPMENT PURCHASING PRACTICES.
- ~~(10) INVESTIGATE AND ANALYZE VEHICLE AND EQUIPMENT~~
REPLACEMENT PRACTICES.
- (11) INVESTIGATE AND ANALYZE THE TYPES OF EQUIPMENT BEING PURCHASED VERSUS ACTUAL NEED AND APPLICATION.
- (12) INVESTIGATE AND ANALYZE CURRENT REPAIR PARTS AND STOREROOM SUPPLY PURCHASING PRACTICES.
- (13) INVESTIGATE AND ANALYZE THE CURRENT FACILITIES REQUIREMENTS.
- (14) ANY OTHER ALTERNATIVES DEEMED APPROPRIATE BY GRAVES-JENSEN & ASSOCIATES.

August 31, 1978

NA3051.80

City of Naples
735 8th St. South
Naples, FL 33940

ATTENTION: Mr. George Patterson, City Manager

RE: Coastal Collier County 201 Facilities Plan

Dear Mr. Patterson:

Attached hereto is a revised Cost Effective Analysis received from the 201 Consultants on August 28, 1978, which includes a revised cost analysis for Option 5 for the secondary treatment with deep well injection and the deep well located on site as opposed to remote. You will note that this will reduce the cost of this alternative by \$304,200.00.

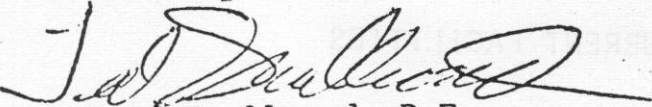
Also enclosed is a cost analysis for the Option 10 secondary treatment, with filtration with effluent disposal by golf course irrigation, with excess effluent disposed by means of a deep well. This alternative is the alternative passed by the City Council (Resolution No. 2928).

I have attached, in addition to the information received from the Consultants, a summary table, indicating both the capital and annual costs allocated as to the local and EPA share.

It is my recommendation that this matter be placed on the agenda for the September 5, 1978 Council Conference, and for possible action on September 6, 1978, based upon Council's desires after further discussion.

If there are any questions relative to this matter, please contact me.

Yours very truly,


Ted R. Smallwood, P.E.

slt

Attachments

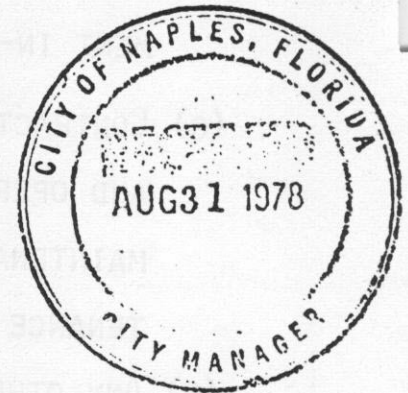


TABLE VIII-4

Plant #2 City of Naples		1	2	3	4	5	6	7
Projected Flows:		Option 1 (AWT) To Gordon River	Option 2 (STNF) To Gordon River	Option 3 (STCH)	Option 4 (STLS)	Option 5 (STDW)	Option 6 (STGO)	Option 7 (STNF)
1980 - 5.7 MGD								
2000 - 8.6 MGD								
O&M - 7.2 MGD								
CAPITAL COSTS								
1a	Treatment New 8.6 MGD Plants AWT	7,990,000						
b	New 8.6 MGD Sec. Nit. Filtration		4,740,000					4,740,000
c	Add 3.2 MGD Sec.			2,400,000	2,400,000	2,400,000	2,400,000	
2	Pump Station			530,000	530,000	530,000	530,000	
3	Force Main (Land & Bay)			3,432,000	1,782,000	171,600	722,000	gravity 181,900
4a	Retention Pond Construction Costs			387,000	387,000	387,000		180,000
b	Water Dist. System Gulf Outfall						7,200,000	1,266,600
6	Deep Well					900,000		
7	Well Field Piping or Land Improvement			690,000	2,545,000	105,600		
8a	Land Cypress Dome or Costs: Land Spread			1,844,000	2,138,000			
b	Retention Ponds			12,880	96,600	96,600		33,600
c	Wells					36,000		
9	Initial Capital Costs (Add 1 thru 8)	7,990,000	4,740,000	9,295,800	9,878,600	4,626,800	10,852,000	6,402,100
10	Present Worth (Init. Cap. Costs-Salvage (9-12))	7,990,000	4,740,000	8,380,612	9,015,877	4,558,175	10,046,597	6,259,800
11	Salvage (Land, FM & Outfall)	0		3,000,880	2,828,600	225,000	2,640,666	466,400
12	Present Worth Salvage	0		915,268	862,723	68,625	805,403	142,200
13	Equivalent Annual Cost of Capital	703,965	417,621	738,379	794,350	401,601	885,163	551,520
O & M COSTS								
14	Sewage Treatment Plant	951,961	631,135	420,756	420,756	420,756	420,756	631,135
15	Force Main & Pump Sta.			84,151	126,227			
16	Disposal			210,378	309,749	285,852	281,381	36,600
17	Crop Recovery				488,400			Water Sales 45,270
18	Total Annual O & M (Add 14 thru 17)	951,961	631,135	715,285	368,331	706,608	702,137	622,500
19	Present Worth O & M	10,804,757	7,163,382	8,118,485	4,180,557	8,020,001	7,969,255	7,065,700
20	Initial Capital Cost (9)	7,990,000	4,740,000	9,295,800	9,878,600	4,626,800	10,852,000	6,402,100
21	Present Worth (10 + 19)	18,795,000	11,903,000	16,499,000	13,196,000	12,578,000	18,016,000	13,326,000
22	Equivalent Annual Cost (13 + 18)	1,656,000	1,049,000	1,454,000	1,163,000	1,108,000	1,587,000	1,174,000

Projected Flows:

ANALYSIS PREP. 1980 - 5.7 MGD
 REPLY TO EPA
 VIEW LETTER 2000 - 8.6 MGD
 15/78 O & M - 7.2 MGD

Water Sales at 10¢/1000 Gallon	Water Sales at 19¢/1000 Gallon	Water Sales at 10¢/1000 Gallon	Water Sales at 62¢/1000 Gallon
--------------------------------	--------------------------------	--------------------------------	--------------------------------

CAPITAL COSTS

1a	Treatment Add 3.2 Plants : MGD Sec.Filt				
b	New 8.6 MGD Sec. Nit.-Filtration	4,740,000	4,740,000		
c	New 8.6 MGD Sec. with Filtration			5,569,200	5,569,200
2	Pump Station				
3	Force Main (Land & Bay)	181,900	181,900		
4	Retention Pond Construction Costs	180,000	180,000		
5	Water Dist. System	1,266,600	1,266,600		
6	Deep Well & Land costs (includes ponds)			1,950,000	1,950,000
7	Effluent storage, pumping & Transmission to G. Courses			2,340,000	2,340,000
8a	Land Costs: Land Spread				
b	Retention Ponds	33,600	33,600		
c	Wells				
9	Initial Capital Costs (Add 1 through 8)	6,402,100	6,402,100	9,859,200	9,859,200
10	Present Worth (Init. Cap Costs-Salvage)(9 - 12)	6,259,838	6,259,838	9,563,137	9,563,137
11	Salvage(Land, FM&Outfall)	466,433	466,433	970,700	970,700
12	Present Worth Salvage	142,262	142,262	296,063	296,063
13	Equivalent Annual Cost of Capital	551,528	551,528	842,567	842,567
O & M COSTS					
14	Sewage Treatment Plant	631,135	631,135	525,960	525,960
15	Force Main&Pump Station				
16	Disposal	36,669	36,669	238,301	238,301
17	Water Sales.	90,540	172,029	90,540	561,357
18	Total Annual O & M (Add 14 through 17)	577,264	495,775	673,721	202,904
19	Present Worth O & M	6,551,946	5,627,046	7,646,733	2,302,960
20	Initial Capital Cost(9)	6,402,100	6,402,100	9,859,200	9,859,200
21	Present Worth (10 + 19)	12,812,000	11,887,000	17,210,000	11,866,000
22	Equivalent Annual Cost (13 + 18)	1,155,000	1,047,000	1,516,000	1,045,000

Projected Flows:

1980 - 5.7 MGD

2000 - 8.6 MGD

O & M - 7.2 MGD

CAPITAL COSTS

1a	Treatment New 8.6 MGD Plants :SEC/filtration			3,993,400		
b						
c	Add 3.2 MGD Sec.	2,400,000				
2	Pump Station	530,000		530,000		
3	Force Main (Land & Bay)					
4	Retention Pond Construction Costs	387,000		* 438,000		
5	Water Dist. System			1,266,600		
6	Deep Well	900,000		900,000		
7	Well Field Piping	105,600		105,600		
8a	Land Costs: Land Spread					
b	Retention Ponds					
c	Wells					
9	Initial Capital Costs (Add 1 through 8)	4,322,600		7,233,600		
10	Present Worth (Init. Cap Costs-Salvage) (9 - 12)	4,311,864		7,094,093		
11	Salvage (Land, FM&Outfall)	35,200		457,400		
12	Present Worth Salvage	10,736		139,507		
13	Equivalent Annual Cost of Capital	379,900		625,030		
O & M COSTS						
14	Sewage Treatment Plant	420,756		525,960		
15	Force Main&Pump Station					
16	Disposal	285,852		223,267		
17	Crop Recovery			90,540		
18	Total Annual O & M (Add 14 through 17)	706,608		658,687		
19	Present Worth O & M	8,020,001		7,476,097		
20	Initial Capital Cost (9)	4,322,600		7,233,600		
21	Present Worth (10 + 19)	12,332,000		14,581,000		
22	Equivalent Annual Cost (13 + 18)	1,087,000		1,284,000		

TABLE IX-2
DISTRICT "B": NAPLES

<u>Rank</u>	<u>Option</u>	<u>Option Description</u>	<u>Annual Cost (Million \$)</u>	<u>Capital Cost (Million \$)</u>
2	2	Secondary treatment with Biological Nitritification and Filtration/Discharge to Gordon River	1.049	4.740
2	5	Secondary Treatment/Deep Well Injection	1.087	4.323
3	7	Secondary Treatment with Nitritification and Filtration/ Golf Course Watering, Excess Discharge to Gordon River	1.155	6.402
4	4	Secondary Treatment/Land Spreading/Effluent to Gordon River	1.163	9.879
5	10	Secondary Treatment with Filtration/Golf Course Watering/ Excess to Deep Well	1.284	7.234
6	3	Secondary Treatment/Discharge to Cypress Wetlands to Deep Well	1.454	9.296
7	6	Secondary Treatment/Gulf Outfall	1.587	10.852
8	1	Advanced Waste Treatment/Discharge to Gordon River	1.656	7.990

*PA
 1st
 2nd
 3rd*

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SUMMARY

DISTRICT "B" NAPLES

Rank	Option	Option Description	CAPITAL COST			ANNUAL COST		
			Total Cost (Million \$)	Local Share (Million \$)	EPA Share (Million \$)	Total Cost (Million \$)	Local Share (Million \$)	EPA Share (Million \$)
1	2	Secondary Treatment with Biological Nitrification and Filtration/Discharge to Gordon River	4.740	1.185	3.555	1.049	0.736	0.313
2	5	Secondary Treatment/Deep Well Injection	4.323	1.080	3.243	1.087	0.802	0.285
3	7	Secondary Treatment with Nitrification and Filtration/Golf Course Watering, Excess Discharge to Gordon River	5.523*	1.380	4.143	1.192	0.828	0.364
4	4	Secondary Treatment/Land Spreading/Effluent to Gordon River	6.402	1.600	4.802	1.155	0.768	0.387
5	10	Secondary Treatment with Filtration Golf Course Watering, Excess to Deep Well	9.879	2.470	7.409	1.163	0.565	0.598
6	3	Secondary Treatment/Discharge to Cypress Wetlands to Deep Well	7.234	1.808	5.426	1.284	0.815	0.469
7	6	Secondary Treatment/Gulf Outfall	8.434*	2.109	6.325	1.387	0.841	0.546
8	1	Advanced Waste Treatment/Discharge to Gordon River	9.296	2.324	6.972	1.454	0.900	0.554
			10.852	2.713	8.139	1.587	0.923	0.664
			7.990	1.998	5.992	1.656	1.128	0.528

*Cost of Deep Well Disposal Increased by \$1.2 Million