



South Florida Water Management District

BIG CYPRESS BASIN BOARD MINUTES

July 14, 2015

08:30 AM

Collier County Government Center
Commission Chamber, 3rd Flr
3299 Tamiami Trail East, Naples, FL 34112

Attendee Name	Title	Status	Arrived
John Vaughn		Present	
Rick Barber	Chair	Present	
David Farmer		Present	
Alice J. Carlson		Present	
Ralph H. Haskins		Present	
Marielle Kitchener		Present	

1. Call to Order - Frederick Barber, Chairman, Big Cypress Basin Board

Mr. Barber called the meeting to order at 8:30 am.

2. Invocation

Father Michael Bannon led the invocation.

3. Pledge of Allegiance - Frederick Barber, Chairman, Big Cypress Basin Board

Mr. Farmer led the Pledge of Allegiance.

4. Employee Recognitions

Ms. Lisa Koehler, Big Cypress Basin Administrator recognized the June Team of the Month, the Big Cypress Field Station Design-Build Team. She congratulated the Team for the hard work, coordination and commitment.

5. Approval of minutes

Minutes approved.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	John Vaughn
SECONDER:	Marielle Kitchener
AYES:	Vaughn, Barber, Farmer, Carlson, Haskins, Kitchener

6. Agenda Addendum - Lisa Koehler, Administrator, Big Cypress Basin Service Center

There were no changes to the agenda.

7. Abstentions by Board Members from items on the Agenda

There were no abstentions.

8. Preliminary Budget and Tentative Millage Rate - Doug Bergstrom, Division Director, Administrative Services

Mr. Bergstrom presented the tentative FY16 budget and proposed millage rates. He recapped the budget planning process, provided a revenue update and summarized the capital program and local projects for FY16, which also proposed to transfer all the O&M costs of Picayune Strand to the District budget. Mr. Bergstrom presented the proposed millage rates and staff recommendation to adopt the rolled back rates:

Millage Rate ^α	FY15 Adopted ^α	FY16 Rolled Back ^α	Recommended	% Change from Rolled Back ^α	Impact per \$100,000 of Value ^α
Big Cypress Basin ^α	0.1520	0.1429	0.1429	0.00%	-0.91
District-wide ^α	0.1577	0.1459	0.1459	0.00%	-1.18
Total Big Cypress Basin^α	0.3097	0.2888	0.2888	0.00%	-2.09

Ms. Carlson moved motion to approve a request to the District Governing Board to establish a tentative millage rate at the rolled back rate of 0.1429 mills per one thousand dollars of taxable value. Mr. Farmer seconded the motion.

Motion was approved unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Alice Carlson
SECONDER:	David Farmer
AYES:	Vaughn, Barber, Farmer, Carlson, Haskins, Kitchener

9. Discussion of Local Government Alternative Water Supply (AWS) and Stormwater Projects for FY16 Funding - Joseph Schmidt, Senior Engineer, Everglades Policy & Coordination

Mr. Schmidt, provided a summary of the funding availability for FY16 and recapped the funding requests from local government agencies for the Alternative Water Supply and Stormwater projects. These four (4) projects were summarized:

Applicant	Project	Funding Request		Option A		Option B		Option C	
Collier County	LASIP Wingsouth Airpark Channels	\$1,250,000	48%	\$937,500	36%	\$808,750	31%	\$749,509	29%
City of Naples	Reclaimed Water System Expansion Ph 4	\$1,200,000	40%	\$680,000	23%	\$808,750	27%	\$867,991	29%
City of Marco Island	Bald Eagle / Bayport / Tahiti Drainage Improvements	\$130,000	40%	\$62,500	19%	\$62,500	19%	\$62,500	19%
Subtotal		\$2,580,000		\$1,680,000		\$1,680,000		\$1,680,000	

Applicant	Project	Funding Request		Option A		Option B		Option C	
City of Naples	ASR Well #4	\$800,000	40%	\$0	0%	\$269,000	13%	\$400,000	29%
Total		\$3,380,000		\$1,680,000		\$1,949,000		\$2,080,000	

Board Questions

In response to Mr. Farmer’s question in regards to the efficacy of the ASR wells, Mr. Schmidt confirmed that the ASR wells were working as designed, with a 15-30% recovery rate, which increases as the wells are cycle tested. The City is planning on installing Well #4 shallower than the other 3 wells to obtain a better initial recovery rate.

Mr. Barber stated that he understood that permits for the LASIP project were not all issued but he was confident County staff would obtain them by year end. He also asked staff to ensure that future agreements with Collier County would include proof of payment verification to contractors prior to District’s reimbursement.

There was no public comment.

Mr. Vaughn made a motion to approve funding for the LASIP Wingsouth project in the amount of \$1,250,000 not to exceed 48% of the actual construction cost, whichever is less.

Mr. Farmer moved a motion for Option C, which calls for 29% of construction cost for LASIP Wingsouth, 29% of the requested funds for Reclaimed Water System Expansion Phase 4, and 19% of the City of Marco, and added \$400,000 or 29% of the construction cost for ASR Well #4, for a total of \$2,080,000.

Ms. Carlson clarified that the percentages were for construction costs.

Mr. Haskins was not in agreement to disburse less money for the LASIP project.

Mr. Barber and Mr. Vaughn both commented that they were in favor of Option A.

Motion failed for lack of a second.

Ms. Kitchener moved a motion to approve Option A and Option C for the City of Naples. Mr. Farmer offered to repeat the motion in the correct format for the record. He moved a motion to approve 36% for the LASIP Project at \$937,500, 23% of the requested funds for Reclaimed Water System Expansion Phase 4 in the amount of \$680,000, 19% of the Bald Eagle/Bayport/Tahiti Drainage Improvements for the City of Marco in the amount of \$62,500, and 20% of the ASR Well #4 in the amount of \$400,000. Ms. Kitchener seconded the motion.

Ms. Carlson requested to reconfirm that his motion was for all project's construction costs and not for the requested funds.

Mr. Farmer confirmed his motion was to provide funding based on construction costs and not for the requested funding amounts, or based on percentages not-to-exceed that construction amount, whichever is less.

Ms. Koehler asked the Board to clarify the motion and Mr. Farmer confirmed his motion was for the construction dollar amount or the associated percentage in Option A, whichever is less.

Motion was approved unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	David Farmer
SECONDER:	Marielle Kitchener
AYES:	Vaughn, Barber, Farmer, Carlson, Haskins, Kitchener

10. BCB Flood Protection Level of Service Project Scoping - Jeff Kivett, Division Director, Operations, Engineering and Construction

Mr. Kivett, Division Director of Operations, Engineering and Construction Division provided a presentation of the Level of Service program elements and purpose of the study, aimed to evaluate the performance of the BCB water management system and identify long term needs of the primary canal and structures, in coordination with local government.

Mr. Kivett presented a timeline of the project's activities, duration and costs, and explained some of the technical challenges of developing a model with existing data to determine current canal system conditions versus the original design. He indicated that additional data could be requested once problems were identified to develop a solution plan.

Board Questions

In response to Mr. Farmer's question, Mr. Kivett replied that impacts of future development were being considered and that the model uses GIS.

In response to Mr. Vaughn regarding the accuracy of the map, Mr. Kivett replied that they will use will use the latest information from USGS.

Ms. Kitchener suggested that local subconsultants should be given more opportunities to be selected for the survey work to determine canal cross-sections.

Mr. Farmer suggested that FEMA maps could be used for the study.

In response to Mr. Barber's question, Mr. Kivett stated that he would coordinate with field station staff and the district's surveyor to get accurate information and minimize costs.

There was no public comment.

11. Vertical Datum Upgrade Project Overview - Greg Cantelo, Bureau Chief, Infrastructure Management, Operations, Engineering and Construction Division

Mr. Greg Cantelo, Bureau Chief, Infrastructure Management, provided a presentation of the Vertical Datum update. He gave an overview of the project background and detailed the difference between the old system operating in NGVD 29 versus the new system, far more accurate in measuring elevations, called NAVD 88, which uses an historic bench mark that provides a new reference elevation.

Mr. Cantelo concluded his presentation with a timeline of the program implementation that will be completed in 2017.

Board Questions

In response to Mr. Farmer's question, Mr. Cantelo confirmed that they will use benchmarks from Collier County, and would evaluate County's and District's staff gauges locations, to avoid duplication.

There was no public comment.

Mr. Farmer left the meeting at 9:33 am during Item 11.

12. SCADA Overview - Tina Mieszczenski, Section Administrator, SCADA

Ms. Mieszczenski, Section Administrator, SCADA, provided an overview of each of the SCADA units and their responsibilities, assignments and equipment needs to support the design, installation and maintenance of the SCADA system.

Board Questions

Mr. Barber expressed his appreciation for the SCADA staff commitment and level of expertise.

Ms. Koehler thanked Ms. Mieszczenski for the support provided by SCADA to the Big Cypress Basin.

There was no public comment.

13. Capital Projects Update - Jeff Kivett, Division Director, Operations, Engineering and Construction

Mr. Kivett, Director of Operations, Engineering and Construction provided an update on the progress of the FY15 capital program, and summarized changes to the FY16 capital program, including the reprioritization of scouring repairs and phasing of some fall protection and monitoring projects to FY17.

He clarified the use of the term automation, intended for equipment operated electrically, versus remote operation, for equipment operated remotely from a different location, and which would require prior authorization from Collier County before installation. He gave an update on the field station construction progress and concluded his presentation offering two options to choose from for the FY16 capital program.

Board Questions

Mr. Barber was pleased to see the Curry Canal culvert move forward.

Ms. Carlson was in favor of moving projects forward if the budget would allow it, and Mr. Kivett replied that his staff was prepared for the workload and recommended to move forward with the projects listed in option 2.

Mr. Barber asked for feedback from Mr. Nageon De Lestang, Basin Engineer, who was in also in favor of option 2.

Ms. Kitchener moved to approve Option 2 and Ms. Carlson seconded the motion.

Motion was approved unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Marielle Kitchener
SECONDER:	Alice Carlson
AYES:	Vaughn, Barber, Carlson, Haskins, Kitchener

14. Big Cypress Basin Water Quality Monitoring Network Revisions - Joseph Schmidt, Senior Engineer, Everglades Policy and Coordination

Mr. Schmidt, provided an overview of the Water Quality Monitoring partnership agreement between the Big Cypress Basin and Collier County. This program started in 1979, currently involves monitoring of 31 stations and collection of monthly samples, and is set to expire in FY15, which has triggered a process of reevaluation of the program to make it more efficient. Improvements included relocating some of the redundant monitoring stations from their current location to new development areas and to the Picayune Strand project, and expanding

data synthesis and reporting. Mr. Schmidt concluded his presentation with a recommendation to the Board to make a motion to continue the water quality program.

Board Questions

In response to Ms. Carlson's question, Mr. Schmidt confirmed that the goal was to renew the agreement with Collier County.

Ms. Koehler announced that the Director of Collier County Pollution Control was at the meeting to answer any questions.

Ms. Carlson made a motion to approve to continue the water quality program with the County with the proposed changes and also with the comments from the Board. Ms. Kitchener seconded the motion.

Motion was approved unanimously.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Alice Carlson
SECONDER:	Marielle Kitchener
AYES:	Vaughn, Barber, Carlson, Haskins, Kitchener

15. General Public Comment

There was no general public comment.

16. Technical Reports

Technical Reports

- A) Water Conditions Report - Mr. Nageon De Lestang provided a summary of the rainfall data and hydrology conditions for the Big Cypress Basin. His presentation included historical data comparison which was slightly lower than historic norms for June.
- B) Field Station Activity Report - Mr. Chris Doherty, Big Cypress Basin Field Station Superintendent, provided the BCB Field Station operation and management activities, including workload update, fleet maintenance, and a list of upcoming projects with main focus on season readiness.

Board Questions

In response to Ms. Kitchener's question, Mr. Doherty replied that a stop log was a sheet of metal that is dropped into pre-made grooves to stop the flow of water.

17. Staff Reports

- A) Chief of Staff Report - Mr. Dan DeLisi, Chief of Staff provided an update on the legislative session. He commented that some bills were not approved, as well as Board members reappointments, but they were expected to come back for approval in September with the new legislative session.

Board Questions

In response to Mr. Vaughn's question, Mr. DeLisi replied that Amendment 1 funds were appropriated for the purchase of land for the Kissimmee restoration and from there for the purchase of land south of Lake Okechobee. The Governing Board had voted not to move forward with the land acquisition.

- B) Basin Administrator Report - Ms. Lisa Koehler, Administrator, Big Cypress Basin, announced that this was Ms. Carlson's last Board meeting. She thanked Ms. Carlson for her service and asked her to come back at the next meeting in August to be recognized.

Board members expressed their appreciation as well.

Ms. Carlson thanked Board and staff for their dedication and hard work.

18. Board Comment

There were no Board comments.

19. Adjourn

Mr. Barber announced the next Board meeting will be August 25 at 9:00 am.

Mr. Vaughn made a motion to adjourn the meeting, Mr. Haskins seconded the motion.

Mr. Barber adjourned the meeting at 10:33.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	John Vaughn
SECONDER:	Ralph H. Haskins
AYES:	Vaughn, Barber, Carlson, Haskins, Kitchener



Frederick T. Barber, III
Big Cypress Basin Board Chairman
South Florida Water Management District



Lisa Koehler
Big Cypress Basin Administrator
South Florida Water Management District