

**SOUTH BROWARD DRAINAGE DISTRICT
GOVERNING BOARD MEETING MINUTES**

JULY 30, 2015

Present:

Scott Hodges, Chairperson
James Ryan, Vice Chairperson
Vicki Minnaugh, Treasurer
Robert E. Goggin, IV, Secretary
Alanna Mersinger, Commissioner
Thomas Good, Commissioner

Kevin M. Hart, District Director
Douglas R. Bell, Legal Counsel
Freddy Fisikelli, SWR Vice Mayor
Reina Muniz, Recording Secretary
General Public: See Attached List

Absent:

Mercedes Santana-Woodall, Commissioner

01. CALL TO ORDER/ROLL CALL/PLEDGE OF ALLEGIANCE

Chair Hodges called the SBDD Board Meeting to order at 8:02 A.M., with Vice Chair Ryan, Commissioner Minnaugh, Commissioner Mersinger, Commissioner Good, and Commissioner Goggin present; followed by the Pledge of Allegiance.

02. PUBLIC COMMENT

None.

03. APPROVAL OF MINUTES

Commissioner Goggin moved for approval of the minutes of the June 25th, 2015, South Broward Drainage District Board meeting. Motion was seconded by Commissioner Minnaugh and carried unanimously by those present.

04. DIRECTOR'S REPORT

A. RE-INVESTMENT OF DISTRICT FUNDS

District Director Hart stated that during the next two months there are several investment funds that are scheduled to mature as follows:

- | | |
|----------------------------------|---------------------------|
| 1. Israel Bonds - \$500,000 | Maturity Date - 8/1/2015 |
| 2. Stonegate Bank CD - \$247,988 | Maturity Date - 8/8/2015 |
| 3. Landmark Bank CD - \$247,414 | Maturity Date - 8/14/2015 |
| 4. Bank United CD - \$102,261 | Maturity Date - 9/26/2015 |

He said that on June 30, 2015, the Finance and Investment Committee met to discuss the District's options for re-investing the cash-on-hand that will be available upon the maturity of

these funds. The recommendation from the Finance and Investment Committee is to re-invest these funds in four new 12-month CDs at the highest available interest rate. The value of the new CDs will be \$247,500 each.

There are no financial impacts to this Agenda Item. A 12 month cash flow analysis by SBDD staff indicates that the District will have adequate cash-on-hand over the 12-month period of the new CDs.

District Director Hart requested approval to re-invest the monies that will become available from four maturing SBDD investments over the two months by purchasing four new 12-month CDs in the amount of \$247,500 each, at the highest available interest rates.

Commissioner Minnaugh moved for approval of the reinvestment of District funds as recommended by the District Director. Motion was seconded by Commissioner Goggin.

Commissioner Mersinger stated that she believed the Board had previously decided not to re-invest with Israeli bonds, which usually has the highest interest rate. She asked District Director Hart if she was correct with that assumption. District Director Hart replied no, that this was up for discussion this morning under this agenda item; and because the Israeli bonds were not insured through the U.S. banking system, that the recommendation by the Finance and Investment Committee was for the District to re-invest those funds in CD's, and have all of the District's investments insured. Over the past two years there had been questions raised regarding the Israeli bonds, but no formal action has been taken by the Board.

Commissioner Mersinger commented that the only way the District would not get their money back was if Israel were to go under. District Director Hart agreed, and stated that basically, the District is relying on the good faith of the Israeli government. He pointed out that although the interest rate is much higher on the Israeli bonds than for CDs, those bonds have a 3-year maturity period. He said that if the District were to go with a longer maturity period for the CDs, the rates would be higher, but still not as high as the Israeli bonds. He said that the District has been moving towards 12-month CD investments to ensure that if the cash were needed, that it would be available in a shorter time frame. He said that is the approach that the District has been taking recently.

Commissioner Mersinger stated that she does not see, in the foreseeable future, that Country (Israel) not existing, and that she is against pulling the money out.

Commissioner Minnaugh explained that the District has a very strict list of banks that are approved by the State of Florida; and if the District did not have to follow that list, they could go to any bank and get a higher interest rate; but the District's hands are tied and the guidelines specifically state that they have to be FDIC insured. She stated that the District did contemplate going with a longer term; and projected ahead that it would probably be safe, but it was decided that it was better for the District to have cash readily available in the event of a storm, etc. She said that the recommendation is in line with the guidelines that the District needs to be following.

Commissioner Goggin thanked the Finance and Investment Committee for their hard work and research on this item. He asked attorney Bell what his thought process was if the District decided to stay with the Israeli bonds. Attorney Bell said that this would be a Board decision,

and that as long as it was not specifically disapproved, he opined that it would be okay for the District to continue to invest in them. Commissioner Goggin then asked if although this investment is outside of the guidelines, would the District still be able to keep the monies invested at a higher interest rate for our community. Attorney Bell replied that this would be a Board decision based on the risk that the Board placed on investing in the Israeli bonds.

Chair Hodges reiterated the sentiment on the good job that the Finance and Investment Committee has done. The question was called and the motion was carried by a 5 to 1 vote; with Commissioner Mersinger opposed.

A. OTHER

- **“Know the Flow”** – District Director Hart informed the Board that he participated in a County program called “Know the Flow”. He said that this is a three part series that they give to different organizations, and this one happened to be for the Pompano Beach Public Works Dept; and that he presented the section on drainage and stormwater management. He said that this was another outreach effort/partnership with Broward County, and that it went very well.
- **Rainfall Report** – District Director Hart said that technically South Florida is in a drought based on the deficiency in rainfall. South Florida is way below average for the rainy season. He said that SBDD has gotten spotty rainfall off and on; and that SBDD’s levels are low; as a result, they are not moving any water, and it is making it a bit more difficult for staff to maintain the waters, when it comes to aquatic control and vegetation. He said that at this time of year, the algae picks up, and that the rainfall usually helps control that a bit; besides that, the District is not seeing too many problems.

Chair Hodges asked District Director Hart, how is Lake Okeechobee. District Director Hart replied that the lake is not close to critical low levels, or the low levels that were experienced in the past. That is a barometer for South Florida. South Florida received some rain this past weekend, and the central part of the state received more rainfall. The state has been releasing water from Lake Okeechobee over the last two years. He said that they only release water when it reaches a certain level; and that the South Florida Water Management District (SFWMD) has a mandate, through the federal government (Army Corp of Engineers), that when the lake reaches a certain level, they have to release water; this causes a great deal of controversy because they release to the east, and to the west, and to sensitive estuaries; and it causes environmental impacts to those waterbodies. District Director Hart said that he does not believe SFWMD has been releasing any water this year; and that he has not seen where Lake Okeechobee has been down even close to where it was 4 or 5 years ago when South Florida was placed on additional restrictions on water use. He said that from that respect it is good. He also said that SBDD’s canal levels to the far west are higher than to the east, as a result seepage from the conservation areas. The last report he saw showed that the conservation areas may be a bit lower than in the recent past, but not at a critical stage, as far as elevations. The biggest impact will be the deficiency in rainfall as South Florida moves into the dry season; if we don’t get any significant rain.

05. CONVENED PUBLIC HEARING AT 8:15 A.M. RESOLUTION NO. 2015-04 – TENTATIVE BUDGET AND ASSESSMENT RATES FOR FISCAL YEAR 2015/2016

District Chairperson presented the following:

The name of the taxing District is South Broward Drainage District.

The Proposed Taxes and Assessment Rates for fiscal year 2015-2016 are attached as Exhibit “A” to District Resolution No. 2015-04.

The Proposed Budget for fiscal year 2014/2015 is attached as Exhibit “A” to the District Resolution No. 2015-04.

Chair Hodges asked the Board if there were any questions or comments regarding the tentative taxes and assessment rates for fiscal year 2015/2016. There were none.

District Director Hart presented the proposed budget for fiscal year 2015/2016. He indicated that the proposed budget for next fiscal year is \$3,345,099.24 which represents a 4.69% decrease from the previous year. He did not recommend any changes to the current assessment rates. All other revenues have been adjusted to reflect the projected income for 2015/2016.

He said that the main reason for the decrease in the budget was the completion of the Basin 3 Drainage Improvements during the 2014-2015 fiscal year and the corresponding decrease of the costs and revenues (under Appropriation of Fund Balance) for those improvements, which totaled \$240,512.65.

The current levels of District operations, maintenance, and repairs are projected to remain at or above the current level. Budgeted expenses for fiscal year 2015/2016 are consistent with 2014/2015 expenses.

District Director Hart explained the draft budget increases and decreases in detail to the Board, including the following specific line items:

- “Salaries/Wages” have been increased slightly to account for a cost of living increase and merit raises.
- “Engineering Fees/Special Projects/Consulting” costs have been increased to account for projected costs associated with the proposed Basin 8 Permit modification through the South Florida Water Management District.
- “Legal Fees” have been decreased based on projected costs and historical costs over the past 3 years.
- “Commercial Property Package”, “General/Excess Liability”, and “Workers Compensation” Insurance expenses are lower based on projected costs for FY 2015/2016.
- “Advertising” costs have been decreased slightly based upon projected costs.
- “Maintenance Contracts” have been increased by \$2,600 to allow for a monthly service fee for GPS to be placed in District vehicles and boats.
- “Public Records” has been increased by \$35,000 to allow the District to purchase new Records Management, E-Mail Management and E-Forms software that will allow the District staff to better manage their computer/e-mail record keeping and allow the District to utilize E-Forms for its

residents and businesses. He said that this software will serve a number of purposes; and that many agencies use a variation of this software to help manage their computer files. He said that there are statutory requirements when it comes to record keeping for government agencies. District Director Hart commented that this will be a benefit to SBDD; and that residents will have the ability to perform their permitting online, and will be able pay fees online as well.

- “Fuel” costs are down slightly.
- “Sanitation” costs are slightly higher to account for higher costs for the disposal of trash and debris at the county landfill.
- “Facilities Repair, Replacement & Upgrades” costs are remaining the same for 2015/2016 based on projected costs.
- “Herbicides/Aquatic Plant Management” costs are slightly lower due to continued efficiencies and projected costs for 2015/2016.
- “Water Testing” has been increased to allow for increased water quality testing in advance of the Broward County Water Preserve Area project.
- “Meetings, Seminars & Employee Development” has been decreased based on anticipated costs.
- “Basin 3 Drainage Improvements” has been completed and will no longer be a separate line item on the General Operating budget.
- “Equipment Purchases, Replacement & Upgrades costs have been increased for 2015/2016 to allow for the purchase of one new field truck; an upgraded automotive lift to allow for additional weight in order to perform maintenance on the District’s heavier vehicles; and miscellaneous equipment.

Approval of Resolution No. 2015-04 will establish the tentative budget and assessment rates for the 2015/2016 fiscal year.

Commissioner Mersinger asked District Director Hart, if on the purchase of the software, will this cost anyone their job. District Director Hart replied no, it will not.

Commissioner Goggin asked District Director Hart, will there be training for the staff to help the public to work with the software, if needed. District Director replied yes, that the price will include training; and once staff is trained, he feels that they will be capable of helping the public.

Vice Chair Ryan commented that on herbicides and grass carp, it seems that the District has not spent what was budgeted this year (to date). District Director Hart said that through the end of June, the District was well below their budget, and that at this time of year those costs are typically much higher; and that the Board should see that number increase significantly. The District has already met and reviewed their last quarter projected expenses, and those numbers are expected to go up. He said that there are other improvements that are being done under that line item as well, that are directly related to aquatic maintenance. He said that this was a credit to the staff and their efficiencies; that they are able to get the job done for less money than in the past. Vice Chair Ryan agreed that they have done a great job. He mentioned the weather pattern that was forecast at the beginning of the year; and was wondering if there was some sort of mechanism or program that could be used to forecast herbicide and the grass carp usage in anticipation of problems on the lakes/canals. District Director Hart replied that he would discuss this concept with the District’s Operations Manager.

The District Chairperson opened the public hearing. There were no comments from the public.

The District Chairperson closed public discussion.

Commissioner Minnaugh moved for approval of Resolution 2015-04 as presented; which approves the tentative budget and assessment rates for fiscal year 2015/16. Motion was seconded by Commissioner Goggin and was carried unanimously by those present.

The Public Hearing was adjourned and the Regular SBDD Board Meeting was reconvened.

06. ATTORNEY'S REPORT:

None.

07. APPROVAL OF LEGAL FEES

Commissioner Goggin moved for approval of the legal bills. Motion was seconded by Commissioner Minnaugh and it was carried unanimously.

District Director Hart expressed his gratitude to Attorney Bell for his assistance and for all of his help in working with him on SBDD's assessments.

08. BOARD MEMBER'S QUESTIONS/COMMENTS

Commissioner Mersinger commented on the drilling/fracking that is being proposed in the Everglades, and the fact that a proposed well site for oil exploration is very close to SBDD's western border. She said that the site is just off of the L-67A Canal and that when following the L-67A Canal, it eventually connects to Biscayne Bay. She said if anything were to occur in those waters, it will go directly, or indirectly, into Biscayne Bay. She said that as a group, we should be protecting the drainage and water quality, and she suggested that District Director Hart send everyone a copy of the map that shows where they are proposing to drill. Commissioner Mersinger explained that according to the map, the proposed well is directly on that Canal (L-67A).

District Director Hart gave a bit of history on this canal. He said that it is located within the conservation area; west of the levy. He said it is part of a series of canals that were put in place by the Army Corp. of Engineers (COE) during the last century. This is part of the canal system that helped to drain the Everglades and the properties to the north. In fact, they did such a good job that they are now spending quite a bit of money to change the flow and try to get back to the historical drainage patterns. He said that these two canals are parallel to each other; they are side-by-side and intersect very close to the C-11; and that they go directly south to Everglades National Park and Biscayne Bay.

Commissioner Mersinger said that as a caretaker of all this, she feels that it is incumbent upon us to at least prepare a Resolution opposing the proposed well site and oil drilling in the Everglades; and that the worst thing we could do was to do nothing. The Board agreed with Commissioner Mersinger that this should be done, and that a Resolution should be prepared. She commented that this could pump for 1 day or 20 years, and cause problems; and that our water supply is so tenuous to begin with, that the District should not allow anything that puts it in jeopardy. She said that this is not a good thing in the bigger picture; that it may be good for the company, but not for the people; and she is here for the people.

Commissioner Good commented that we all know that this is a threat to our drinking water supply. He said that there are some other things that may be of interest as well; such as the C-9 Impoundment

Project and the fact that they (COE/SFWMD) will be blasting in order to build their containment canals. He also mentioned that the Board had discussed the importance of preparing a “Water Quality Profile” in order to identify current conditions versus future conditions. He did not know if that would be something relevant as part of the response by the District, in addition to the concerns on the drinking water supply. He also stated that there is a potential for surface water quality contamination as a result of the activities that may take place. He asked District Director Hart if there is such a thing as a “plume”.

District Director Hart explained that there is such a thing. He elaborated that a plume is basically an area of contaminated ground water that moves with the general flow of the ground water. It’s very slow moving and it expands as well. He said that if there was an issue out west and something were to happen with that well operation, then more than likely, it would create a plume.

Commissioner Good asked if with the general movement of water from the Everglades to the east, how would a ground water plume move. District Director Hart said that was a bit harder to project; that at that location, the movement of the surface water is really south, and that those two canals discharge right into Everglades National Park. He said he thinks more likely it would move predominately south. He opined that if there was an incident, he thinks the plume would expand in all directions, but it will expand further to the south and southeast because that is the general direction of groundwater flow. It is hard to predict whether it would extend past US 27. He said his guess would be “no” at this point in time; but that still does not mean that there would not be significant impacts to the area.

Commissioner Good said that the reason he brought this up was because they are also discussing fracking; and when he hears that, he knows from Miami Dade County, when they were working on the Aquafer Storage & Recovery (ASR) wells, they had contamination when they were doing that; it came to the surface within their ground water. He said that fracking is a very similar process; you are pressurizing underground geology, and the water or liquids flow passably through voids of resistance. He is thinking that although you can pump those chemicals deep, they will find their way back up, and push themselves up into the ground water. He said he is bringing that up only if it is relevant when a Resolution is prepared.

Commissioner Goggin asked what relevance the depth to which they were proposing to drill had in relationship to deep well injections of wastewater that some cities are doing at those same levels (depths). He feels that they are close to tying into those discharges, where they are proposing to pump; and it seems that all of these activities are tied together. District Director Hart replied that the oil well drilling is a bit different than the deep well injections; he said that he’s not sure that there could be a connection between the two. For the deep well injections, they are actually pumping into the ground water. It’s very deep and they are disposing of wastewater effluent. As far as the impact of that disposal to the aquifers above; to date, he has not seen or heard of any impacts; and those were all studied at great lengths. What is proposed out west is actually a production well for oil and for potential oil resources. There is not much information on the actual detail of production. He said it’s a long process. They will first do exploration, which is stage one to a longer, more detailed process. Then, if they find a source they have to get the resource from the well to a refining location.

Chair Hodges commented that he had concerns that in the bigger picture if they do an exploration and they do find it; who is to say they won’t drill a second, a third, or a fourth well; he’s just worried that we won’t be able to stop it once it starts.

Vice Chair Ryan made a motion to create a Resolution from SBDD opposing the fracking operation to be conducted in the Everglades. Motion was seconded by Commissioner Minnaugh and it was carried unanimously by those present.

Commissioner Goggin asked District Director Hart if he had any suggestions on how they could deal with the homeless situation on the east end of the District, down by University Drive, where they are building shelters along the canal banks. He wanted to know what should or shouldn't be done. District Director Hart replied that they should let the District know, and the District would then coordinate with law enforcement to try and get it corrected.

09. MEETING DATE(S)

- A. **Regular Board Meeting** will be held on **Thursday, August 27th at 8:00 a.m.**
- B. The Next **Regular Board Meeting** will be held on **Monday, September 14th at 8:00 a.m.** with the **Final Budget Hearing for 2015/2016 Fiscal Year** to be held at **8:15 a.m.**

Adjournment at 8:55 A.M.

Respectfully submitted,

Robert E. Goggin IV, Secretary
South Broward Drainage District

/rim

*****MEMORANDUM*****

DATE: August 20, 2015

TO: South Broward Drainage District Commissioners

FROM: Kevin M. Hart, P.E.
District Director

Subject: Proposed Resolution No. 2015-05 – Opposing Oil Drilling in the Florida Everglades

Comments:

Proposed Resolution 2015-05 is a statement of opposition by South Broward Drainage District (SBDD) to the proposed permit application by Kanter Real Estate LLC to drill an exploratory well in the Florida Everglades, approximately 5 miles west of the western boundary of the SBDD's jurisdictional limits in close proximity to the South Florida Water Management District's L-67A Levee Canal for the purpose of assessing the feasibility of extracting oil from the geological substrate under the Florida Everglades.

The Resolution recognizes the importance of the Florida Everglades as a diverse ecosystem and habitat to thousands of plants, birds, reptiles, mammals, and marine life. It also references the Biscayne Aquifer as the main source of Broward County's drinking water supply and the hydraulic connectivity between the Florida Everglades and Biscayne Aquifer, and the Everglades' important role as a major source of recharge to the Biscayne Aquifer.

The Resolution identifies some of the potential environmental impacts from well drilling operations in the Florida Everglades, including dewatering, disposal of wastewater, and well stimulation procedures such as hydraulic fracturing and acidization.

The Resolution states that the District has serious concerns regarding the potential for adverse environmental impacts from the proposed Kanter Well Site installation, maintenance and operations and expresses the District's opposition to the proposed Kanter Well Site and any similar, future well sites proposed within the limits of the Florida Everglades or the Biscayne Aquifer and any well stimulation procedures within the geological substrate of South Florida.

Financial impacts to this Agenda Item: None.

This to request approval of SBDD Resolution 2015-05 - Opposing Oil Drilling in the Florida Everglades.

KH
Attachments

SOUTH BROWARD DRAINAGE DISTRICT

RESOLUTION NO. 2015-05

RESOLUTION OF THE SOUTH BROWARD DRAINAGE DISTRICT (DISTRICT) OPPOSING THE PROPOSED PERMIT APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BY KANTER REAL ESTATE LLC TO DRILL AN EXPLORATORY OIL WELL IN THE FLORIDA EVERGLADES, APPROXIMATELY 5 MILES WEST OF THE WESTERN BOUNDARY OF THE DISTRICT'S JURISDICTIONAL LIMITS IN CLOSE PROXIMITY TO THE L-67A LEVEE CANAL FOR THE PURPOSE OF ASSESSING THE FEASIBILITY OF EXTRACTING OIL FROM THE GEOLOGICAL SUBSTRATE UNDER THE FLORIDA EVERGLADES; PROVIDING FOR SENDING A COPY OF THIS RESOLUTION TO THE GOVERNOR OF THE STATE OF FLORIDA AND OTHER PARTIES; PROVIDING FOR SEVERABILITY AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the South Broward Drainage District, hereinafter referred to as "District", is a political subdivision of the State of Florida charged with the responsibility of effecting drainage, flood protection, and water management within its geographical boundaries; and

WHEREAS, the District, is committed to protecting its residents and properties against flooding, improving water quality, and providing effective water management for southwest Broward County; and

WHEREAS, the District is also involved in water resources, water supply and water conservation issues that affect Broward County; and

WHEREAS, members of the District's Board of Commissioners, staff, and consultants are active participants in various county and regional committees concerned with water resources issues, including, but not limited to the Broward County Water Advisory Board (WAB), Broward County Technical Advisory Committee (TAC), Broward Water Resources Task Force (WRTF), Broward Water Resources Task Force Technical Team, Compact Built Environmental Work Group, Broward

County Surface Water Coordination Committee (BCSWCC), C-51 Governance and Finance Work Group, Broward Everglades Working Group (BEWG), and Broward Leaders Water Academy; and

WHEREAS, the District's jurisdictional boundaries cover over 72 square miles in southwest Broward County and includes five (5) municipalities as follows: City of Miramar, City of Pembroke Pines, City of Hollywood, Town of Davie and Town of Southwest Ranches; and

WHEREAS, the western boundary of the District extends west to the South Florida Water Management District (SFWMD) L-37 Canal, and extends along the eastern limits of the Florida Everglades; and

WHEREAS, the Florida Everglades is the largest remaining subtropical wilderness in the United States, covering over 1.5 million acres of land and exhibiting one of the most diverse and sensitive ecosystems in the world, which includes sawgrass marshes, sloughs, wet prairies, dry tropical hardwood hammocks and pinelands, mangrove swamps, cypress swamps and domes, mangrove and coastal prairies, and the Florida Bay; and

WHEREAS, the Florida Everglades is home to thousands of plants, birds, reptiles, mammals, and marine life, including several threatened and endangered species such as the Florida panther, manatee, American alligator, American crocodile, Hawksbill sea turtle, Atlantic Ridley sea turtle, leatherback sea turtle, loggerhead sea turtle, Everglades snail kite, wood stork, Cape Sable seaside sparrow, red-cockaded woodpecker, piping plover, bald eagle and roseate tern; and

WHEREAS, the main source of Broward County's drinking water supply is the Biscayne Aquifer which is an unconfined, surficial aquifer with a shallow layer of highly permeable limestone underlying an area of approximately 4,000 square miles across Broward County, Miami-Dade County, Monroe County and Palm Beach County; and

WHEREAS, the Florida Everglades is hydraulically connected to the Biscayne Aquifer through its series of canals and water bodies, and the water-absorbing layers of rock which characterize South Florida's geological substrate; and

WHEREAS, the Biscayne Aquifer is extremely vulnerable to both surface and groundwater contaminants due to its high permeability, shallow depths and integrated hydrologic system; and

WHEREAS, the Florida Everglades serves as a major source of recharge to the Biscayne Aquifer through the shallow, southward-moving flow of surface water across its reaches from the southern limits of Lake Okeechobee to the Florida Bay; and

WHEREAS, the District is aware of a permit application to the Florida Department of Environmental Protection (FDEP) by Kanter Real Estate LLC. to drill an exploratory well to assess the feasibility of extracting oil from the Sunniland trend, an oil formation that is located nearly 12,000 feet below the surface and is said to extend across all of South Florida and west into the Gulf of Mexico (hereinafter referred to as the "Kanter Well Site"); and

WHEREAS, the proposed Kanter Well Site is located approximately 5 miles west of the western limits of the District and in close proximity to the SFWMD L-67A Canal; and

WHEREAS, the SFWMD L-67A Canal extends through the Florida Everglades and connects directly to Everglades National Park, located approximately 20 miles south of the proposed Kanter Well Site; and

WHEREAS, the proposed plan for the Kanter Well Site shows the filling and grading of a 5-acre well "pad" area within the Florida Everglades and an exploratory well extending 11,800 feet below the surface; and

WHEREAS, the construction of the well pad will result in 6.83 acres of wetland fill in Water Conservation Area 3B which provides essential water storage and wildlife habitat; and

WHEREAS, there are multiple pathways for contamination to reach fresh water supplies during drilling and oil extraction processes, including leaks in faulty well casings, surface spills, and improper disposal of wastewater; and

WHEREAS, Kanter Real Estate LLC. has submitted a request to the South Florida Water

Management District (SFWMMD) to withdraw up 23.04 million gallons of fresh water per year for well construction; and

WHEREAS, the proposed well drilling operations for the Kanter Well Site will also generate a significant volume of wastewater which will need to be removed from the well site location and disposed of in a safe and proper manner; and

WHEREAS, wastewater may be disposed of in a saltwater disposal well where fluids are injected back underground; and

WHEREAS, Kanter Real Estate LLC. Indicates in Section III of the June 23, 2015 application to the SFWMMD that a saltwater disposal well may be constructed on the Kanter Well Site; and

WHEREAS, fluids may migrate into fresh water aquifers should the casing in the saltwater disposal wells fail; and

WHEREAS, future oil extraction procedures have not been identified within the Kanter drilling application to FDEP, but may include well stimulation procedures such as “hydraulic fracturing” and “acid fracturing”, which relies on the pressurized injection of fluids into the well to “fracture” oil bearing rock and enhance the flow of oil or gas into the well; or “acidization”; and

WHEREAS, “acidization” relies on the injection of acid and other fluids into the well at low pressure in order to “dissolve” surrounding rocks to enhance oil production; and

WHEREAS well stimulation techniques have been found to utilize hazardous chemicals and large quantities of fresh water placing water supplies at risk of contamination and depletion; and

WHEREAS, under current state law, there is no formal permit process to pursue well stimulation and consequently, there is inadequate state oversight over the use of such techniques; and

WHEREAS, the District has serious concerns regarding the potential for adverse

environmental impacts from the proposed Kanter Well Site installation, maintenance and operations including, but not limited to: the proximity of the proposed well site to the L-67A Canal, the L-67C Canal, the C-6 Canal, the C-11 Canal, the L-37 Canal, Everglades National Park, Biscayne Bay, Florida Bay and the Biscayne Aquifer; the potential for contamination of the Biscayne Aquifer and the drinking water supply for Broward County; the filling of wetlands and loss of habitat within the Florida Everglades ecosystem; the upward and lateral migration of contaminants throughout groundwater from faulty well construction and other underground pathways such as fractures in the surrounding rock formation; any and all environmental impacts associated with “hydraulic fracturing”, “acid stimulation” or other well stimulation procedures; potential adverse impacts to the sensitive ecosystem of the Florida Everglades, including contamination of water and disruption of surface flows; potential adverse impacts to the diverse wildlife within the Florida Everglades, including increased road kills due to vehicles traversing to and from the well site, disturbance from noise and light, and loss of habitat; potential adverse impacts to endangered and threatened species that live within the Florida Everglades; potential adverse impacts to water quality resulting from the improper removal and disposal of wastewater generated by the well drilling operations; environmental impacts related to the potential, future “production” and operation of the oil well, construction of additional wells, and the transportation of oil from the well site to a refinery location; increased pressure on local water supplies due to the withdraw of up to 23.04 million gallons of fresh water per year in order to install, maintain, and operate the well; the potential adverse environmental, economic and social impacts associated with a catastrophic accident or incident at the well site similar to the devastating impacts that resulted from the Deepwater Horizon oil spill (aka: BP oil spill); and

WHEREAS, the District wishes to express its opposition to the proposed Kanter Well Site and any similar, future well sites proposed within the limits of the Florida Everglades or the Biscayne Aquifer and any well stimulation procedures within the geological substrate of South Florida.

NOW THEREFORE, be it resolved by the Board of Commissioners of the South Broward Drainage District in meeting assembled that:

1. The recitals set forth above are true and correct and are incorporated herein as if set forth verbatim.

2. The District is opposed to the proposed Kanter Well Site and any similar, future well sites proposed within the limits of the Florida Everglades or the Biscayne Aquifer and any well stimulation procedures within the geological substrate of South Florida.

3. The District Director or District Attorney shall send a copy of this Resolution to the Governor of the State of Florida, members of the Broward Delegation of the Florida Legislature, the Director of the Florida Department of Environmental Protection, and the Director of the Broward County Natural Resources Planning and Management Division.

4. If any one or more of the covenants, agreements or provisions of this Resolution 2015-05, shall be held contrary to any express provision of law or contrary to the policy of express law, though not expressly prohibited, or against public policy or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions shall be null and void and shall be separate from the remaining covenants, agreements or provisions and shall in no way affect the validity of all other provisions of this Resolution.

5. This Resolution shall take effect immediately upon its adoption.

In witness whereof, The Chairperson of the Board of Commissioners of the SOUTH BROWARD DRAINAGE DISTRICT has hereunto set his hand and the Secretary of the Board of Commissioners of the SOUTH BROWARD DRAINAGE DISTRICT has caused to be set its seal.

ADOPTED AND DATED this _____ day of _____, 2015.

SOUTH BROWARD DRAINAGE DISTRICT

(SEAL)

By: _____

Scott Hodges, Chairperson

Attest:

Robert E. Goggin, IV, Secretary

STATE OF FLORIDA)

)§

COUNTY OF BROWARD)

The foregoing Resolution N° 2015-05 was acknowledged before me this ____ day of _____, 2015 by SCOTT HODGES and ROBERT E. GOGGIN, IV, as Chairperson and Secretary, respectively of the SOUTH BROWARD DRAINAGE DISTRICT, a political subdivision of the State of Florida, on behalf of SOUTH BROWARD DRAINAGE DISTRICT. They are personally known to me.

WITNESS my hand and official seal in the county and state last aforesaid this ____ day of _____, 2015.

(NOTARY SEAL OR STAMP) _____

Notary Public - State of Florida at Large

MEMORANDUM

DATE: August 20, 2015
TO: South Broward Drainage District Commissioners
FROM: Kevin M. Hart, P.E.
District Director
Subject: SBDD Resolution No. 2015-06 – Amendment to the 2014/2015 Budget

Comments:

Attached for the Board's review and approval is SBDD Resolution No. 2015-06 which grants approval for an amendment to the previously approved budget for the 2014/2015 fiscal year.

The overall budget amount has not changed (\$3,502,073); however several line items have been adjusted to reflect actual costs to date and projected expenses through the end of the fiscal year. All adjusted line items have been highlighted for reference.

I am happy to answer any questions or provide whatever additional information is requested as it relates to the proposed amended budget for fiscal year 2014/2015.

Financial impacts to this Agenda Item: approval of Resolution No. 2015-06 amends the previously approved budget for the 2014/2015 fiscal year. The overall budget amount will not change.

This to request approval of SBDD Resolution 2015-06 - Amendment to the 2014/2015 Budget.

KH
Attachments

SOUTH BROWARD DRAINAGE DISTRICT
RESOLUTION N° 2015-06

RESOLUTION OF THE SOUTH BROWARD DRAINAGE DISTRICT ADOPTING AND APPROVING THE AMENDED BUDGET OF THE SOUTH BROWARD DRAINAGE DISTRICT FOR FISCAL YEAR 2014/2015; PROVIDING FOR SEVERABILITY AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the South Broward Drainage District, a political subdivision of the State of Florida (hereinafter referred to as "District") is charged with the responsibility of maintaining canals and other facilities within the area of its jurisdiction in Broward County, Florida; and

WHEREAS, the final budget for fiscal year 2014/2015 as prepared by the District's Director, a copy of which is attached hereto as Exhibit "A" was approved and adopted by the District Board of Commissioners by District Resolution 2014-09 on September 15, 2014; and

WHEREAS, the District Director has prepared an amended budget for the District's 2014/2015 fiscal year, a copy of which is attached hereto as Exhibit "B" and which has been submitted to the District Board of Commissioners for approval; and

WHEREAS, a public meeting was held at the offices of the South Broward Drainage District, located at 6591 S.W. 160th Avenue, Southwest Ranches, Florida 33331 at 8:00 A.M. on Thursday, August 27, 2015, for the purpose of approving the amended budget for the fiscal year 2014/2015;

NOW, THEREFORE, be it resolved by the Board of Commissioners of the South Broward Drainage District in meeting assembled, that:

1. The foregoing statements are incorporated herein by reference as if fully stated herein.
2. The District's amended budget for fiscal year 2014/2015, a copy of which is attached hereto as Exhibit "B" is approved and adopted and shall become effective at the beginning of the 2014/2015 fiscal year, to wit: October 1, 2014 and the District's funds may be expended commencing October 1, 2014 and ending September 30, 2015.

3. The proposed expenditures in the amended budget are \$ 3,502,073.

4. Funds of the District's 2014/2015 amended budget not expended during the current fiscal year 2014/2015 may be used and expended during subsequent fiscal years.

5. If any one or more of the covenants, agreements or provisions of this Resolution or the Exhibits attached hereto shall be held contrary to any express provision of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions shall be null and void and shall be separate from the remaining covenants, agreements or provisions and shall in no way affect the validity of all other provisions of this Resolution or the Exhibits attached hereto.

WHEREAS, this resolution shall take effect immediately upon its adoption.

IN WITNESS WHEREOF, the Chairperson of the Board of Commissioners of the District has hereunto set his hand and the Secretary of the Board of Commissioners of the District has caused to be set its seal.

ADOPTED and DATED the _____ day of August, 2015.

SOUTH BROWARD DRAINAGE DISTRICT

(SEAL)

By: _____
Scott Hodges, Chairperson

Attest:

Robert E. Goggin, IV, Secretary

STATE OF FLORIDA)
)§
COUNTY OF BROWARD)

The foregoing Resolution N° 2015-06 was acknowledged before me this _____ day of August, 2015, by SCOTT HODGES and ROBERT E. GOGGIN, IV, as Chairperson and Secretary, respectively of the SOUTH BROWARD DRAINAGE DISTRICT, a political subdivision of the State of Florida, on behalf of SOUTH BROWARD DRAINAGE DISTRICT. They are personally known to me.

WITNESS my hand and official seal in the county and state last aforesaid this _____ day of August, 2015.

Notary Public - State of Florida at Large

[NOTARY SEAL OR STAMP]

SOUTH BROWARD DRAINAGE DISTRICT
ADOPTED BUDGET
FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015

	TOTALS
I. SALARIES/WAGES:	
1501. ADMINISTRATIVE/OFFICE	\$322,313
1503. BOARD OF COMMISSIONERS	\$37,800
1505. FIELD OPERATIONS	\$484,008
1506. ENGINEERING/INSPECTIONS/PERMITTING	\$241,417
1507. PAYROLL TAXES/FICA	\$83,044
1509. PENSION/FRS	\$98,771
1513. OTHER	\$65,000
TOTAL	\$1,332,353
II. PROFESSIONAL FEES:	
1520. ACCOUNTING/AUDIT FEES	\$24,500
1535. ENGR.FEES/SPECIAL PROJECTS/CONSULTING	\$25,000
1540. LEGAL FEES	\$70,000
1543. LEGAL FEES/SPECIAL PROJECTS	\$25,000
1544. OTHER	\$1,000
TOTAL	\$145,500
III. INSURANCE:	
1550. COMMERCIAL PROPERTY PACKAGE	\$41,475
1555. GENERAL/EXCESS LIABILITY	\$44,835
1560. GROUP HEALTH/LIFE/DENTAL	\$395,160
1570. WORKERS COMPENSATION	\$29,150
TOTAL	\$510,620
IV. OFFICE AND ADMINISTRATION:	
1575. ADVERTISING	\$8,500
1585. COMPUTER SUPPLIES/UPGRADES	\$15,000
1590. DUES/SUBSCRIPTIONS	\$6,600
1600. FPL/ELECTRIC	\$13,000
1603. GAS (LP)/AUXILIARY SERVICE	\$5,000
1605. JANITORIAL SERVICE	\$2,000
1610. LICENSES, FEES & EMS SERVICE	\$900
1615. MAINTENANCE CONTRACTS	\$6,400
1620. MISCELLANEOUS/UNIFORMS	\$2,500
1625. OFFICE SUPPLIES/POSTAGE	\$4,500
1630. PAYROLL SERVICE	\$3,600
1635. PRINTING/STATIONERY/DISPLAYS	\$1,800
1640. PUBLIC RECORDS	\$5,000
1645. TELEPHONES/MISCELLANEOUS COMMUNICATIONS	\$15,000
1650. WATER/SEWER	\$2,000
TOTAL	\$91,800

EXHIBIT "A" TO SOUTH BROWARD DRAINAGE DISTRICT RESOLUTION N^o 2015-06

SOUTH BROWARD DRAINAGE DISTRICT
ADOPTED BUDGET
FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015

	TOTALS
V. REPAIRS AND MAINTENANCE:	
1655. BUILDINGS/GROUNDS	\$35,000
1660. EQUIPMENT RENTAL/OUTSIDE SERVICE	\$5,000
1665. EQUIPMENT/VEHICLES/BOATS	\$30,000
1670. FUEL/OIL - PUMP STATIONS	\$65,000
1675. FUEL/OIL - VEHICLES/EQUIPMENT	\$45,000
1677. SPILL CONTAINMENT MATERIALS	\$5,000
1680. JANITORIAL SUPPLIES	\$1,000
1683. HURRICANE PREPAREDNESS SUPPLIES	\$1,500
1685. LANDSCAPING/MOWING/CLEARING	\$35,000
1690. PHOTOGRAPHY/SUPPLIES	\$350
1695. PUMP STATIONS & CONTROL STRUCTURES	\$70,000
1700. SAFETY/SCUBA/INSPECTION EQUIPMENT	\$2,500
1705. SANITATION/EXTERMINATION	\$6,000
1710. SMALL TOOLS/SHOP SUPPLIES	\$9,000
1715. WATER RECORDERS/ELEVATION GAUGES/TELEMETRY	\$8,000
TOTAL	\$318,350
VI. FACILITIES REPAIR/ REPLACEMENT/ UPGRADES:	
1720. CANAL CLEANING/SWALE RENOVATIONS/CLEANING	\$30,000
1725. CULVERT INSPECTIONS AND CLEANING	\$50,000
1730. CULVERT REPAIR/FLAPPER GATES	\$40,000
1735. ENDWALL REPAIR	\$5,000
1740. EROSION CONTROL	\$45,000
1745. GATES/BARRIERS/FENCES/SIGNS	\$5,000
1747. OUTFALL STRUCTURES/WEIRS	\$2,000
1750. TRASH RACKS/PILING/TANKS/PAINTING	\$10,000
1755. TREE REMOVAL	\$30,000
TOTAL	\$217,000
VII. AQUATIC PLANT MGMT/WATER ANALYSIS :	
1765. HERBICIDES	\$375,000
1770. TRIPLOID CARP/FISH GUARDS/MAINTENANCE	\$30,000
1775. WATER TESTING	\$8,000
TOTAL	\$413,000
VIII. 1780. MEETINGS, SEMINARS, TOLLS, TRAVEL, EDUCATION & EMPLOYEE DEVELOPMENT	\$10,000
IX. 1781. BASIN 3 DRAINAGE IMPROVEMENTS	\$240,513

SOUTH BROWARD DRAINAGE DISTRICT
ADOPTED BUDGET
FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015

	TOTALS
X. 1785. EQUIPMENT PURCHASES, REPLACEMENTS & UPGRADES	\$40,000
XI. BROWARD COUNTY COLLECTION FEES (2%)	\$61,764
XII. DISCOUNTS (EARLY TAX PAYMENTS):	\$111,174
XIII. 1787. CONTINGENCY	\$10,000
TOTAL BUDGET FUND	\$3,502,073
DISTRICT REVENUE/INCOME	TOTALS
I. MAINTENANCE OPERATIONS/REVENUES (2013/2014 PROPERTY ASSESSMENT)	\$3,088,179
II. PERMIT FEES	\$30,000
III. 5 YR RECERTIFICATION PROGRAM	\$25,000
IV. RESIDENTIAL & LOS PERMIT FEES	\$18,000
V. TELECOMMUNICATIONS ANNUAL FEE	\$6,000
VI. APPROPRIATION OF FUND BALANCE	\$321,895
VII. INTEREST	\$12,000
VIII. MISCELLANEOUS INCOME	\$1,000
TOTAL ESTIMATED REVENUES	\$3,502,073

**SOUTH BROWARD DRAINAGE DISTRICT
AMENDED BUDGET
FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015**

	TOTALS
I. SALARIES/WAGES:	
1501. ADMINISTRATIVE/OFFICE	\$322,313
1503. BOARD OF COMMISSIONERS	\$37,800
1505. FIELD OPERATIONS	\$484,008
1506. ENGINEERING/INSPECTIONS/PERMITTING	\$241,417
1507. PAYROLL TAXES/FICA	\$83,044
1509. PENSION/FRS	\$98,771
1513. OTHER	\$65,000
TOTAL	\$1,332,353
II. PROFESSIONAL FEES:	
1520. ACCOUNTING/AUDIT FEES	\$24,500
1535. ENGR.FEES/SPECIAL PROJECTS/CONSULTING	\$25,000
1540. LEGAL FEES	\$70,000
1543. LEGAL FEES/SPECIAL PROJECTS	\$25,000
1544. OTHER	\$1,000
TOTAL	\$145,500
III. INSURANCE:	
1550. COMMERCIAL PROPERTY PACKAGE	\$41,475
1555. GENERAL/EXCESS LIABILITY	\$44,835
1560. GROUP HEALTH/LIFE/DENTAL	\$395,160
1570. WORKERS COMPENSATION	\$29,150
TOTAL	\$510,620
IV. OFFICE AND ADMINISTRATION:	
1575. ADVERTISING	\$8,500
1585. COMPUTER SUPPLIES/UPGRADES	\$15,000
1590. DUES/SUBSCRIPTIONS	\$6,600
1600. FPL/ELECTRIC	\$13,000
1603. GAS (LP)/AUXILIARY SERVICE	\$5,000
1605. JANITORIAL SERVICE	\$2,000
1610. LICENSES, FEES & EMS SERVICE	\$900
1615. MAINTENANCE CONTRACTS	\$6,400
1620. MISCELLANEOUS/UNIFORMS	\$2,500
1625. OFFICE SUPPLIES/POSTAGE	\$4,500
1630. PAYROLL SERVICE	\$3,600
1635. PRINTING/STATIONERY/DISPLAYS	\$1,800
1640. PUBLIC RECORDS	\$7,000
1645. TELEPHONES/MISCELLANEOUS COMMUNICATIONS	\$15,000
1650. WATER/SEWER	\$2,000
TOTAL	\$93,800

EXHIBIT "B" TO SOUTH BROWARD DRAINAGE DISTRICT RESOLUTION N^o 2015-06

SOUTH BROWARD DRAINAGE DISTRICT
 AMENDED BUDGET
 FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015

	TOTALS
V. REPAIRS AND MAINTENANCE:	
1655. BUILDINGS/GROUNDS	\$35,000
1660. EQUIPMENT RENTAL/OUTSIDE SERVICE	\$5,000
1665. EQUIPMENT/VEHICLES/BOATS	\$30,000
1670. FUEL/OIL - PUMP STATIONS	\$65,000
1675. FUEL/OIL - VEHICLES/EQUIPMENT	\$45,000
1677. SPILL CONTAINMENT MATERIALS	\$5,000
1680. JANITORIAL SUPPLIES	\$1,000
1683. HURRICANE PREPAREDNESS SUPPLIES	\$1,500
1685. LANDSCAPING/MOWING/CLEARING	\$35,000
1690. PHOTOGRAPHY/SUPPLIES	\$350
1695. PUMP STATIONS & CONTROL STRUCTURES	\$70,000
1700. SAFETY/SCUBA/INSPECTION EQUIPMENT	\$2,500
1705. SANITATION/EXTERMINATION	\$7,600
1710. SMALL TOOLS/SHOP SUPPLIES	\$9,000
1715. WATER RECORDERS/ELEVATION GAUGES/TELEMETRY	\$8,000
TOTAL	\$319,950
VI. FACILITIES REPAIR/ REPLACEMENT/ UPGRADES:	
1720. CANAL CLEANING/SWALE RENOVATIONS/CLEANING	\$30,000
1725. CULVERT INSPECTIONS AND CLEANING	\$50,000
1730. CULVERT REPAIR/FLAPPER GATES	\$40,000
1735. ENDWALL REPAIR	\$5,000
1740. EROSION CONTROL	\$56,563
1745. GATES/BARRIERS/FENCES/SIGNS	\$5,000
1747. OUTFALL STRUCTURES/WEIRS	\$2,000
1750. TRASH RACKS/PILING/TANKS/PAINTING	\$10,000
1755. TREE REMOVAL	\$30,000
TOTAL	\$228,563
VII. AQUATIC PLANT MGMT/WATER ANALYSIS :	
1765. HERBICIDES	\$359,837
1770. TRIPLOID CARP/FISH GUARDS/MAINTENANCE	\$30,000
1775. WATER TESTING	\$8,000
TOTAL	\$397,837
VIII.	
1780. MEETINGS, SEMINARS, TOLLS, TRAVEL, EDUCATION & EMPLOYEE DEVELOPMENT	\$10,000
IX.	
1781. BASIN 3 DRAINAGE IMPROVEMENTS	\$240,513

SOUTH BROWARD DRAINAGE DISTRICT
 AMENDED BUDGET
 FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2014 AND ENDING SEPTEMBER 30, 2015

	TOTALS
X. 1785. EQUIPMENT PURCHASES, REPLACEMENTS & UPGRADES	\$40,000
XI. BROWARD COUNTY COLLECTION FEES (2%)	\$61,764
XII. DISCOUNTS (EARLY TAX PAYMENTS):	\$111,174
XIII. 1787. CONTINGENCY	\$10,000
TOTAL BUDGET FUND	\$3,502,073
DISTRICT REVENUE/INCOME	TOTALS
I. MAINTENANCE OPERATIONS/REVENUES (2014/2015 PROPERTY ASSESSMENT)	\$3,088,179
II. PERMIT FEES	\$30,000
III. 5 YR RECERTIFICATION PROGRAM	\$25,000
IV. RESIDENTIAL & LOS PERMIT FEES	\$18,000
V. TELECOMMUNICATIONS ANNUAL FEE	\$6,000
VI. APPROPRIATION OF FUND BALANCE	\$321,895
VII. INTEREST	\$12,000
VIII. MISCELLANEOUS INCOME	\$1,000
TOTAL ESTIMATED REVENUES	\$3,502,073

MEMORANDUM

DATE: August 20, 2015

TO: South Broward Drainage District Commissioners

FROM: Kevin M. Hart, P.E.
District Director

Subject: SBDD 5-Year Capital Improvement Plan

Comments:

Attached for the Board's review and approval is the proposed 5-Year Capital Improvement Plan (CIP). The CIP includes priorities for capital expenditures for fiscal year 2015/2016 and each subsequent year through 2019/2020. Also attached is the previous CIP from August 14, 2015.

SBDD completed seven (7) CIP projects in 2014/2015 and has three (3) CIP projects which are pending. The total projected cost for SBDD's 2014/2015 CIP projects is \$390,365. One project from 2014/2015 is being carried forward to 2015/2016 (Upgrades to SBDD Board Room); and one project is being moved to 2016/2017 (Culvert Repairs in Basin 8).

The total budget for the proposed 5-year CIP is \$3,185,000. The CIP includes a variety of important and necessary capital improvements, including continued upgrades to the District's pump stations, culvert repairs/replacements, telemetry upgrades, canal improvements/dredging, miscellaneous drainage improvements, equipment upgrades, and building upgrades. The current balance in the CIP reserve account is \$2,136,407, which is sufficient to fund the proposed CIP through a portion of fiscal year 2018/2019. Additional funding will be required beyond fiscal year 2018/2019.

The proposed CIP does not account for any outside funding from grants or other revenue sources. The District will continue to pursue available grants and outside funding opportunities for the CIP.

Financial impacts to this agenda item: approval of this agenda item will establish the 5-year budget for capital improvement projects for the District, and will establish priorities for CIP projects for the fiscal year 2015/2016. Any individual CIP contract will require separate approval by the Board of Commissioners.

This is to request approval of the SBDD 5-Year Capital Improvement Plan.

KH
Attachment

**SOUTH BROWARD DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROJECTS - PROPOSED**

August 20, 2015

2015/2016	1	Upgrades to SBDD Board Room	\$30,000	Carry Forward
	2	Upgrade 1 Pump to Water Cooled and Rebuild Gear Head	\$30,000	S-4/S-5 Pump Station (Last Pump Conversion)
	3	Rebuild 2 Motors (S-1 and S-7 Pump Stations)	\$60,000	S-1 and S-7 Pump Stations
	4	Upgrade Control Panels at S-4/S-5 Pump Station	\$155,000	S-4/S-5 Pump Station
	5	Expand Garage Area at Maintenance Building (2,250 sf)	\$400,000	Provide 4 Additional Bays; Plus Outside Canopy
	6	Install New Roof at Office Building	\$55,000	
			Total	\$730,000
2016/2017	1	Rebuild 2 Motors (S-1 and S-7 Pump Stations)	\$60,000	Completes S-1 and S-7 PS Motor Overhauls
	2	Rebuild 2 Pumps	\$50,000	Locations TBD
	3	Replace 2nd Gear Head at S-1 Pump Station	\$25,000	S-1 Pump Station
	4	Replace Generator at S-1 and S-7 Pump Stations	\$50,000	S-1 and S-7 Pump Stations
	5	Upgrade B-1 Pump Station	\$150,000	New Motor, Add Telemetry & Rebuild Pump
	6	Install Motors and Telemetry System for Basin S-8 Sluice Gates	\$120,000	2 Locations
	7	Culvert Replacements in Basin 8 - SW 54th Place/SW 164th Terr	\$85,000	Requested SFWMD Grant
	8	Install CIPP for S-3 Pump Tubes	\$80,000	S-3 Pump Station
	9	Install Additional Fencing Along the C-1 Canal	\$100,000	Basin S- 1
		Total	\$720,000	
2017/2018	1	Replace 2 Gear Heads at S-8 Pump Station	\$45,000	S-8 Pump Station
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Upgrade B-2 Pump Station	\$100,000	Recondition Pump and Add Telemetry
	4	Basin Inter-Connect Between Basin 3 & Basin 7 (Century Village)	\$60,000	
	5	Excavate Primary/Secondary Canals in Basins 1 and 8	\$50,000	
	6	Install Motor and Telemetry System for Basin S-8 Sluice Gates	\$60,000	1 Location
	7	Install Motor and Telemetry System for S-3/S-7 Basin Interconnect	\$60,000	1 Location
	8	Culvert Replacements in Basin 8 (Rolling Oaks)	\$125,000	
	9	Install Additional Fencing Along the C-1 Canal	\$50,000	Basin S- 1
		Total	\$615,000	
2018/2019	1	Rebuild 2 Motors at S-3 Pump Station	\$65,000	S-3 Pump Station
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Install Motor and Telemetry System for S-3/S-7 Basin Interconnect	\$60,000	1 Location
	4	Install New Roof at Maintenance Bldg	\$80,000	
	5	Install Sluice Gates in Basin 5 (4 Locations)	\$160,000	
	6	Excavate Primary/Secondary Canals in Basins 1 and 8	\$50,000	
	7	Modify University Park Pump Station Structure	\$60,000	
		Total	\$540,000	
2019/2020	1	Rebuild 2 Motors	\$65,000	Locations TBD
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Install Motors and Telemetry System for Basin Interconnects	\$60,000	1 Location
	4	Excavate Primary/Secondary Canals in Basins 1 and 8	\$50,000	
	5	Purchase New Grapple Truck or Vac Truck	\$250,000	
	6	S-8 Emergency By-Pass Culvert & Sluice Gate	\$90,000	Requested SFWMD Grant
		Total	\$580,000	
Grand Total			\$3,185,000	

**SOUTH BROWARD DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROJECTS - CURRENT**

August 14, 2015

2014/2015	1	Drainage Improvements in SWR - Dykes Rd Outfall and SW 205th Avenue	\$36,000	SW 205th Ave -95% Complete / Dykes Road - To Be Completed By SWR
	2	Upgrades to SBDD Board Room	\$30,000	Move TO 2015-2016
	3	Culvert Replacements in Basin 8 - SW 54th Place/SW 164th Terr	\$85,000	Move TO 2016-2017 (SFWMD Grant Request)
	4	Rebuild Gear Heads	\$14,000	Complete - S-4/S-5 Pump Station
	5	Upgrade 2 Pumps to Water Cooled	\$48,700	Complete - S-4/S-5 Pump Station
	6	Replace 1 Gear Head at S-1 Pump Station	\$23,815	Complete / Awaiting Installation
	7	Install Motor and Telemetry at Inter-Connect for S-9/S-10 & S-4/S-5 Basin	\$45,734	Complete
	8	Install Emergency By-Pass and Sluice Gate at S-1 Pump Station	\$76,456	Complete - S-1 Pump Station
	9	Rebuild 2 Motors (S-1 and S-7 Pump Stations)	\$50,660	Complete - S-1 and S-7 Pump Stations
	10	Excavate Primary/Secondary Canals in Basin 1	\$30,000	Pending - C-1 Canal
	11	Excavate Primary/Secondary Canals in Basin 8	\$30,000	Pending - Misc Locations
	12	Install Motors and Telemetry System for S-3 Sluice Gates	\$35,000	Pending - S-3 Pump Station (POs Issued)
			Total	\$505,365
2015/2016	1	Upgrade 1 Pump to Water Cooled and Rebuild Gear Head	\$30,000	S-4/S-5 Pump Station (Last Pump Conversion)
	2	Replace 2 Gear Heads at S-1 Pump Station	\$45,000	S-1 Pump Station
	3	Rebuild 2 Motors at S-7 Pump Station	\$65,000	Complete S-7 PS Motor Overhauls
	4	Expand Garage Area at Maintenance Building (2,250 sf)	\$400,000	Provide 4 Additional Bays; Plus Outside Canopy
	5	Excavate Primary/Secondary Canals in Basin 8	\$30,000	
		Total	\$570,000	
2016/2017	1	Rebuild 2 Motors at S-1 Pump Station	\$65,000	Complete S-1 PS Motor Overhauls
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Replace Generator at S-1 and S-7 Pump Stations	\$50,000	S-1 and S-7 Pump Stations
	4	Upgrade B-1 Pump Station	\$95,000	New Motor & Add Telemetry
	5	Install Motors and Telemetry System for Basin S-8 Sluice Gates	\$120,000	2 Locations
	6	Upgrade Control Panels at S-4/S-5 Pump Station	\$160,000	
		Total	\$555,000	
2017/2018	1	Replace 2 Gear Heads at S-8 Pump Station	\$45,000	S-8 Pump Station
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Upgrade B-2 Pump Station	\$65,000	Recondition Pump and Add Telemetry
	4	Install New Roof at Office Building	\$50,000	
	5	Basin Inter-Connect Between Basin 3 & Basin 7 (Century Village)	\$60,000	
	6	Excavate Primary/Secondary Canals in Basins 1 and 8	\$50,000	
	7	Install Motors and Telemetry System for Basin S-8 Sluice Gates	\$60,000	1 Location
	8	Culvert Replacement in Basin 10 - Rose Price Park Culvert	\$125,000	
		Total	\$520,000	
2018/2019	1	Rebuild 2 Motors at S-3 Pump Station	\$65,000	S-3 Pump Station
	2	Rebuild 2 Pumps	\$65,000	Locations TBD
	3	Install Motors and Telemetry System for Basin S-8 Sluice Gates	\$60,000	1 Location
	4	Install New Roof at Maintenance Bldg	\$80,000	
	5	Install Sluice Gates in Basin 5 (4 Locations)	\$160,000	
	6	Excavate Primary/Secondary Canals in Basins 1 and 8	\$50,000	
	7	Modify University Park Pump Station Structure	\$60,000	
		Total	\$540,000	
Grand Total			\$2,690,365	

****MEMORANDUM****

DATE: August 20, 2015

TO: South Broward Drainage District Commissioners

FROM: Kevin M. Hart, P.E.
District Director

Subject: SBDD's Role and Responsibilities in Response to Property Owner Requests for Shoreline Embankment/Slope Restoration for Private, Residential and Commercial/Industrial Properties

Comments:

Erosion of waterfront shorelines is an on-going issue within the South Broward Drainage District (SBDD) as well as other locations within Broward County; and it is not uncommon for property owners to contact SBDD for assistance in dealing with these issues.

Erosion is a naturally occurring process that impacts almost all shorelines in one form or another. The rate and severity of erosion varies from location to location and is dependent upon a wide variety of factors. The ownership of the canals and lake areas within SBDD also varies, where different water bodies are owned by: the adjacent property owners; a homeowners association (HOA); a property owners association (POA); SBDD; Broward County; FDOT; SFWMD; and the local municipality as public right-of-way.

Over the years, SBDD has taken the position that shoreline remediation work, restoration work, protection work, or other types of preventive maintenance work along private properties is the responsibility of the adjacent property owner. This includes properties where the adjacent waterbody is owned by SBDD. SBDD's maintenance work and shoreline stabilization work has been limited to its primary and secondary canal system and flow channels serving large drainage basins or watersheds. SBDD also performs tree removal and tree trimming work along all water bodies in order to reduce the potential for blockages within SBDD's drainage system due to trees and other landscaping topping over into the adjacent water body.

As these types of issues continue to be raised among property owners and local communities, it is important to affirm SBDD's role and responsibilities in response to property owner requests for shoreline embankment/slope restoration for private, residential and commercial/industrial properties.

Financial impacts to this agenda item: approval of this agenda item will affirm SBDD's role and responsibilities in response to property owner requests for shoreline embankment/slope restoration for private, residential and commercial/industrial properties.

KH
Attachment