

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF TRUSTEES
OF FOX METRO WATER RECLAMATION DISTRICT
HELD WEDNESDAY SEPTEMBER 13, 2017**

The Board of Trustees met in a regular monthly meeting at 9:30 A.M. in the offices of the District at the Water Pollution Control Plant on Wednesday, September 13, 2017. Present were, Trustee Judith S. Sotir, Trustee Michael C. Funkey, Trustee Albert E. Heriaud & Trustee Christopher F. Childress. Also present were Attorney Gregg Ingemunson, Manager Thomas F. Muth, District Engineer Philippe Moreau, John Frerich from Walter E. Deuchler, Controller Jimmie Delgado, Human Resources Coordinator Patrick Divine, Operations Supervisor, Joel Ilseman, Maintenance Supervisor Chris Morphey, Plant Manager Matt Woodin, and Norma Rodriguez.

10102

The bills were presented and read. It was moved by Trustee Funkey that the bills be allowed as read, ratify and approve the checks drawn during the month of August, 2017 in the amount of \$5,365,804.84. Motion was seconded by Trustee Heriaud, put to vote and unanimously carried that the bills be paid as presented.

10103

It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that the Treasurer's Report for August 31, 2017 be approved as submitted.


10104

It was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that the minutes of the August 23, 2017 Regular Board Meeting be approved. Each of the Trustees having received and read copies of said minutes before the meeting.

In Public Comments, Trustee Sotir congratulated all of the Fox Metro's employees who celebrated birthdays in the month of September. She also congratulated Dale Wagner on his 20 years with the District. Dale began as a sample collector and moved on to Operations and then to Industrial pretreatment, he then moved to Electrical Maintenance and he is currently in Automation. Trustee Sotir also congratulated Sandy Medrano on her 15 years with the District. Sandy began in the Billing Department and moved to the Engineering Department where she holds the position of Engineering Technician 1.

10105

With no other Public Comments it was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that the Regular Board Meeting be temporarily adjourned for the Committee of Local improvements.



The Regular Board Meeting adjourned at 9:40.M.

In the Committee of Local Improvements Manager Muth gave a presentation regarding the Fox River Study Group, Field Operations improvements and South Waste Water Treatment Facility construction update.

Manager Muth stated that the Fox River Study Group continues to do monthly sampling from Algonquin to Yorkville and the parameters are basically the same as what Fox Metro has been collecting and analyzing for the past eighteen years.

There is a new River Gage at Algonquin from May to October. Also the Fox database update from Illinois State Water Survey to be completed in 2017. This ensures all data is publicly available and useable for entire watershed.

The presentation included Dam initiatives and it appears that Carpentersville and North Aurora's dams are scheduled to be removed. There are many approvals that need to take place first and there are funds to accomplish this. The Fox River Study Group is considering partnering with the Army Corps of Engineers to complete comprehensive studies for the rest of the dams. There are 13 dams and the study will consist of which dams can and can't be removed and will include ramifications if they are removed.

Manager Muth said a Request for Proposals is currently available for prospective consultants to model 2014-2016 data and the responses are due in October, 2017. The Fox River Implementation Plan (FRIP) may be amended based on the findings of this new model. The new modeling will predict what the future regulations are going to be. One of those new regulations will be that NPDES permittees in Fox River watershed are required to participate in the FRSG and follow initiatives from the Fox River Study Group.

The Fox River Study Group met with the IEPA on August 31, 2017 to discuss upcoming permit renewals. Future Phosphorus reductions were the primary discussion and an agreement with the USEPA is needed.

The next item discussed in the presentation was the Oswego Lift Station Improvements. Manager Muth stated that the demolition of the old clarifier took place. The reason it was demolished was because it was unused and in poor condition. There was also public safety and concern due to the stagnant water and mosquitos.

Currently the Oswego pumping station is using Magnesium Hydroxide for odor and corrosion control for the interceptors and sewer pipes to reduce Hydrogen Sulfide.

Future use of the area where the clarifier was located will be part of Oswego's plan for downtown revitalization.

Also in the presentation, Manager Muth discussed the District property at 502 Clearwater Drive in North Aurora. This property was acquired in the fall of 2016 through Sheriff's Sale. The purpose of this property is to provide secure access to a siphon adjacent to the west of the site that was very difficult to access. The house has been demolished, a drive way has been built, a gate has been added and a berm has been installed along with other general cleanup of the property.

The next item in the presentation was an update on the South Waste Water Treatment Facility. There were several aerial views of the progress of construction. Manager Muth explained each aerial picture and described the progress of each of the construction sites and the purpose for those buildings.

With no other matters to come before the Committee of Local Improvements, it was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that the Regular Board Meeting reconvene. The Regular Board Meeting reconvened at 9:55 A.M.

Attorney Gregg Ingemunson addressed the Board with the Attorney Report presented to the Board for their approval of Resolution No. 952, Farm leases between Fox Metro Water Reclamation District and (3) Lessees, namely: David Hopkins, Jim Connell Farms, Inc., and Quintin Wissmiller for certain lands owned by the District in the County of Kendall for farming purposes for the 2018 crop year. He said there was a clause in the leases regarding insurance amounts and inquired how that amount is determined. Manager Muth stated is the same amount it has been for the past several years and it has not been reviewed. Attorney Ingemunson said it would be a good idea to have an amount in the lease and to make sure that the District is additionally insured and have the Lessees show the District such insurance. Manager Muth said he will research the insurance and will advise of his findings.

Attorney Ingemunson stated there is also an Option A and an Option B on the lease. One opinion is to find an 80 acre site for 2018 spring biosolids application and pay 50% of the per acre fee price. The other option is to pay 100% of the per acre charge and find no acreage or 2018 spring time application. Manager Muth said the Lessees have already identified property for application in the spring of 2018 and the District knows where it will be applied.

Attorney Ingemunson questioned line 9b of the lease where it states stockpiling of biosolids first, second and third years. He questioned which field will be stockpiling. Manager Muth said the District has three farms and those farms are rotated.

This matter was tabled until the insurance issue questions are resolved.

At 10:00 A.M., Manager Muth opened and read aloud bids Chlorination Improvements Project as follows: Independent Chemical – Total Bid \$255,535.00;

10107

R. J. O’Neil – Total Bid \$245,485.00; Dahme Mechanical Industries - Total Bid \$229,585.00; The Engineer’s estimate for this project was \$245,000.00; It was moved by Trustee Funkey, seconded by Trustee Childress, put to vote and unanimously carried that the low bid of Dahme Mechanical Industries, be accepted for \$229,585.00 and the bid of R.J. O’Neil for \$245,485.00 be held pending specification review by Fox Metro Water Reclamation District and Walter E. Deuchler Engineering Staff.

10108

At 10:10 A.M., Manager Muth opened and read aloud bids received for a 2017 F-350 or 3500 HD 4x4 Service Truck as follows: Haggerty Ford – Total Bid \$57,074.30. Trustee Childress stated having received only one bid perhaps it would be advantageous to seek bids from other truck dealers in the area. Manager Muth said the bid invitation was advertised in the newspaper inviting bidders. Haggerty Ford are in the marketplace for a particular model because they are a fleet dealer and they can distribute the product at a lower cost than a private distributor. Trustee Funkey wanted to confirm that because Haggerty Ford has a large fleet inventory therefore they can offer the District a better price. Manager Muth said that was correct and they supply these vehicles to other municipalities. Trustee Funkey stated he would feel more comfortable if the District received more than one bid. At this time it was moved by Trustee Funkey, seconded by Trustee Childress, put to vote and unanimously carried that the bid from Haggerty Ford in the amount of \$57,074.30 be rejected and the District go out to re-bid and direct notification be made to local fleet dealers other than publication in the newspaper be made for a 2017 F-350 or 3500 HD 4x4 Service Truck with a bid opening at 10:00 A.M., October 18, 2017 at the Board of Trustees Meeting.

10109


Mr. Philippe Moreau addressed the Board with the Engineer’s Report. Mr. Moreau requested approval of Partial Payment No. 21 to River City Construction, Inc., in the amount of \$2,993,174.98 for South Waste Water Treatment Facility Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$2,993,174.98 to River City Construction, Inc., for work completed on South Waste Water Treatment Facility Project.

10110

Mr. Moreau requested approval of Partial Payment No. 5 to Michels Pipe Service, in the amount of \$112,241.75 for 2016-17 CIPP Sanitary Sewer Lining Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$112,241.75 to Michels Pipe Service, for work completed on South Waste Water Treatment Facility Project

10111

Mr. Moreau requested approval of Final Payment No. 5 to Kane County Excavating, in the amount of \$12,526.80 for Orchard Road Compensatory Storage Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$12,526.80



to Kane County Excavating, for work completed on Orchard Road Compensatory Storage Project.

10112

Mr. Moreau requested approval of Partial Payment No. 8 to Whittaker Construction, Inc., in the amount of \$358,722.00 for Building G Improvements Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$358,722.00 to Whittaker Construction, Inc., for work completed on Building G Improvements Project.

10113

Mr. Moreau requested approval of Partial Payments No. 5 to R.C. Wegman Construction, in the amount of \$124,428.00 for Building W Water system Improvements Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$124,428.00 to R.C. Wegman Construction, for work completed on Building W Water system Improvements Project.

10114

Mr. Moreau requested approval of Partial Payments No. 3 to R.J. O’Neil, Inc., in the amount of \$11,378.70 for Building K Odor Control Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$11,378.70 to R.J. O’Neil, Inc., for work completed on Building K Odor Control Project.

10115

Mr. Moreau requested approval of Partial Payments No. 2 to H. Linden & Sons, in the amount of \$193,182.75 for Building O & M Improvements – Phase 1 Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$193,182.75 to H Linden & Sons., for work completed on Building O&M Improvements – Phase 1 Project.

10116

Mr. Moreau requested approval of Partial Payments No. 1 to Performance Construction & Engineering in the amount of \$195,696.27 for Moecherville Sanitary Sewer Repairs Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$195,696.27 to R.J. O’Neil, Inc., for work completed Moecherville Sanitary Sewer Repair Project.

10117

Mr. Moreau requested approval of Partial Payments No. 1 to Frank Marshall Electric Midwest, LLC, in the amount of \$9,688.50 for Sugar Grove Pump Station Generator Replacement Project. It was moved by Trustee Funkey seconded by Trustee Heriaud, put to vote and unanimously carried that payment be made in the amount of \$9,688.50 Frank Marshall Electric Midwest, LLC, for work completed on Sugar Grove Pump Station Generator Replacement Project.

In the Manager's Report, Manager Muth requested authorization to seek bids for Building K RAS Wet Well Improvements project to be opened at 10:00 A.M., October 18, 2017 at the Board of Trustees Meeting.

It was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried to seek bids for Building K RAS Wet Well Improvements Project with a bid opening at 10:00 A.M., October 18, 2017 at the Board of Trustees Meeting.

The next item discussed in the Manager's Report was the Solar Project. Manager Muth stated Trustee Childress has done an outstanding job with the committee that was formed to research the solar project. Trustee Childress said it was a good group made up of Board members, Fox Metro and Deuchler's staff. He thanked his business partner for volunteering his time to help in the project.

Trustee Childress said a selected provider is proposing to design and build 2 -2 megawatt (4MW) total solar generation facility on Fox Metro's property or adjacent property to be paid for by purchasing Fox Metro's electric supply over a period of 25 years at a price of approximately 2.82 cents per kWh. The District currently pays 4.8 cents/per kWh. The project would be funded by Greanlife Solar, LLC, dba Shine Development Partners a Texas limited Liability Company. The key is that the District does not have to put any money up front and will pay 02.82 cents/per kWh for electricity for 25 years with a .9% annual escalator. Estimated project savings \$5,640,000.00 over 25 years. Land needed for (4MW) Solar Field is 20 acres and it could be built on the ground over brownfield. It would take approximately 6 months to complete the project and it would generate 4 MW depending on the sun. The estimated total annual electric output would be 8,000,000 kWh which is approximately 40% of the District's usage. This makes it environmentally friendly and it equates to removing 74 tanker trucks of gasoline each year from the road. Trustee Sotir said this is something that should be promoted in our website and also brought to conferences.

The provider who can deliver this is Shine Development Partners. They provide smart options for energy consumers across the United States, including non-profits, municipalities and commercial enterprises. The Letter of Intent states if Shine does not produce 85% of what they stated, they would have to reimburse the difference between what the District is paying and the utility and the 2.82 cents they promised and if any other provisions are not honored, the District has the right to cancel.

Trustee Childress said there is an urgency because the Illinois Power Authority awards REC's (Renewable Energy Credits) every spring and fall. He said the District bid for one REC for one field (2MW) at \$25.00. The bid for the other REC was for \$50.00. Auction pricing opened last Thursday and it closes on September 17, 2017. He stated that another critical aspect of the project was that the District acquires the property. Trustee Childress said the District may get one

bid or both or none. If the District does not get any bids, there will be no project. He said if the District does not get any bid we will wait until the spring. Money reimbursed is higher this fall then in the spring, that's the urgency. Trustee Sotir thanked the committee for the tremendous job they did on this project and especially thanked Trustee Childress and his partner Arnie for their expertise they brought to the table.

The next item discussed in the Manager's Report was Air Quality. Manager Muth advised the Board that there have been only a few air quality complaints. The Waubonsie Interceptor has been impacting some areas of Boulder Hill. Staff will be working with Deuchler's to come up with long range plans to find a solution for the syphon that is located there. Trying to strategically take primary clarifiers off line to clean them has improved air quality. There are sometimes when it is inevitable that bad odor occurs. He said staff has come up with some solutions to improve air quality and constantly working to improve.

Manager Muth advised the Board that Fox Metro will be hosting the Fox Valley Operators Association meeting on September 14, 2017 and may have up to 15 agencies present.

10119 Manager Muth requested an Executive Session be held to discuss personnel and any related matters. It was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that at the conclusion of Regular Session and New Business of today's meeting, we will temporarily adjourn for an Executive Session

Operations Supervisor Joel Ilseman reported that the plant is running well.

Controller Jimmie Delgado reported finances are good and he is currently working through the audit. The auditors are at the District they should finish in approximately two weeks. Need to approve the Ordinance book.

Trustee Childress stated that it was a fantastic idea to bring the employee who has an anniversary at the District to the Board Meeting for recognition.

10120 With no New Business to come before the Board, it was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that this meeting be adjourned for Executive Session.

Meeting temporarily adjourned at 10:55 A.M

The Regular Board Meeting Reconvened at 11:45 A.M



10121

It was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that President Sotir announced there were no further decisions reached in Executive Session, therefore it was moved by Trustee Funkey, seconded by Trustee Heriaud, put to vote and unanimously carried that the Board Meeting be adjourned.

Meeting adjourned at 11:46 A.M.