

THE LANDIS SEWERAGE AUTHORITY
REGULAR MEETING
August 17, 2015

Pledge of Allegiance.

The regular meeting of the Landis Sewerage Authority was called to order by Chairman Merighi at 6:00 p.m. The following members were present at roll call: Barse, Errickson, Villar and Merighi were present. Reuben was absent.

The proper notice was given to all members in accordance with the by-laws.

Chairman Merighi stated that public notice of this meeting, pursuant to the Open Public Meeting Act, has been given in the following manner:

1. Posting written notice in the lobby entrance of the Authority.
2. Hand delivering notices to the offices of the Daily Journal and The Press.
3. Filing written notices in the offices of the Authority and City Clerk.

Also present: Dennis W. Palmer	Executive Director/Chief Engineer
Robert A. Schwarz	Field Engineer
A. Steven Fabietti	Solicitor
Nancy Lagerholm	Administrative Assistant

It was moved by Errickson and seconded by Barse that the reading of the minutes of the regular meeting held on August 3, 2015 be dispensed with and the same be approved in the form submitted to all members by mail. Roll call: Barse, Errickson, Villar and Merighi voted "yes".

The Chairman asked if there were any general public comments or comments on the proposed Resolutions. There were none.

Resolutions:

It was moved by Errickson and seconded by Villar that Resolution No. 2015-90, "Be it resolved by the Landis Sewerage Authority, that the following bills of items or demands are hereby approved and authorized for payment out of the Revenue Fund Revolving Payroll Account.....\$66,341.36", be adopted. Roll call: Barse, Errickson, Villar and Merighi voted "yes".

It was moved by Errickson and seconded by Barse that Resolution No. 2015-91, "Be it resolved by the Landis Sewerage Authority, that the following bills of items or demands are hereby approved and authorized for payment out of the Revenue Fund

Bills...\$230,766.23”, be adopted. Roll call: Barse, Errickson, Villar, and Merighi voted “yes”.

It was moved by Barse and seconded by Errickson that Resolution No. 2015-92, “A Resolution of the Landis Sewerage Authority authorizing payment from the Construction Fund of certain costs of the system in the amount of \$1772.05 to Colonial Electric for 600 Volt cord and plug for portable generators in accordance with the provisions of the Authority’s General Bond Resolution...” be adopted. Roll call: Barse, Errickson, Villar and Merighi “yes”.

It was moved by Errickson and seconded by Villar that Resolution No. 2015-93, “A Resolution of the Landis Sewerage Authority authorizing the exclusion of the public from a meeting between the Landis Sewerage Authority, it’s general counsel and administrative personnel to discuss litigation and related matters falling within the attorney client privilege...” be adopted. Roll call: Barse, Errickson, Villar and Merighi voted “yes”.

Executive Director

Dennis Palmer reported that he discussed with Steve Fabietti a couple of items that we talked about at the last meeting about our State NJPDES permit, the fee and the process of working with Steve on filing that appeal and he also dealt with Steve on a personnel issue which we dealt with today.

We just finished our second summer intern who was here and finished the week before last and we have a person coming in tomorrow and Thursday. He is going for the health officers training program and part of that is they have to spend some time at a treatment plant so they are going to spend Tuesday at the treatment plant and Thursday at the farm to learn about land application and bio solids. I enjoy that we are becoming a magnet for people being referred to us to give them the intern experience.

We had an inspection on some stainless steel pipe back in the digester. We were concerned that the gases had started corroding through because we had a leak at one spot which carries the methane gas. We had an outside firm come and do an analysis and it ended up just being that one pipe. All the other pipes were good. What they said is that this pipe is a manifold so it has a connection in the middle and 6 or 8 other connections and every time you weld and heat the pipe it can change the characteristic of the pipe and that’s where you have the likelihood of having failures and corrosions. So we are going to work on having another piece fabricated. Dennis was concerned because some of the pipe comes down and goes underground and through concrete and that did not look good, the stainless steel will be good.

We had a couple of interesting visits, one you might have seen on Facebook, these three young folks, a brother and two sisters , are on an international scavenger hunt and one of the requirements of the scavenger hunt is they go to a wastewater or water treatment plant in formal wear with someone playing a flute or violin. Two young ladies wearing a

formal gown and the other wearing dinner wear holding a violin and they had their picture taken. So you send your picture in and that is one of your steps for the scavenger hunt. That was kind of neat.

Last week Dennis spent mostly the whole week on the road going through Ohio and Indiana. Part of the grant we got from Energy to Ag and then to us was to go out and evaluate and visit other facilities and see what we could learn from other successful facilities to do better here or reproduce New Jersey or otherwise. So we went to a number of plants, some that handle a lot of hog and cow manure, and food waste. One thing we learned is we do a much better job here on building odor control facilities. Dennis said he has been in this business for 38 years and that they smelled some really bad places, worst then most places he smelled before. So we do a better job in that. Some were really mega projects. One had six large generators, they ran five one megawatt large engines V-16 or 18 or 20, whatever the size, they were huge and they powered their town Reynolds, Indiana and they took in food waste, they had a digester about 100 yards by 100 yards concrete tank covered with material pumped in there and they actually powered their facility in the small town they are adjacent to. That was pretty interesting.

Another facility was a public waste facility but they leased out their digester and sludge counting facilities to a company called Quasar. The deal was Quasar gets to keep any rates they get from stuff being brought in, they make the gas they put in the generator and actually powers the plant and there is enough to run down the street and power the water plant. So it is a public, public, public, private partnership.

Another was a huge dairy farm that they cleaned the gas up, sold it to the pipe line, ran the generator and there was a filling station for tractor trailers that use natural gas. Some interesting takeaways and some things we may be able to do.

Field Engineer

Bob Schwarz reported the Elmer and Main Road Realignment Project is on schedule.

Also the LSA is reviewing plans for a new dollar store on Main Road between Magnolia Road and Elmer Road.

Bob also reported the LSA staff will be touring the new Bridor Bakery Expansion in the Industrial Park South.

Solicitor:

Steve Fabietti reported that the matters he is working on were summarized in Dennis' report on the NJPDES appeal and also in the closed session.

Chairman: No Report

Issues and Correspondence: No Report

Committee Reports:

Engineering/Plant:

We received the final reports from both engineering firms for the upgrades to the treatment plant and the upgrades to the collection system with a target of having our facilities reliable and ready to handle flows into 2040. Basically looking at another 25 years to be ready for when those days come. It is significant money for the engineering and money for the construction, but for us to continue to be ahead of the curve when growth breaks so we have the infrastructure to handle it as well as the capability our facilities are running and we have that. We will be reviewing those items and planning a meeting with the Engineering Committee before our next meeting to go over numbers. They are big, but we do not know quite where our staffing will be at that time. Dennis had to include some inspection services but if we can do some of those inspection services ourself in-house with our staff, with multiple jobs where we may have to stagger jobs where we are doing some work over here on a pipeline that we do the next one maybe six months after that. So our own staff can also flow through and do the inspection and that could trim \$75,000., or more out of the totals. We will sit down with the engineering committee and go over those proposals and get that moving.

Doing some work in the back, we found a clogged line. Dennis was very happy once we finally took things apart we found struvite . Struvite is when you take ammonia, phosphorous and magnesium and it actually grows in the pipelines and the pipeline will block and they managed to hammer that out and it clears coming out of the digester and then in our facility because of all the nutrients we have in there it is an issue. Dennis is very proud how quickly the staff repaired the line. They found it on Friday and it is done today. They had to get a valve and put it back together again. Dennis was really happy with the guys working effort.

Budget/Finance:

Perry Barse reported that income is approximately \$516,529 or 9.1% over budget and expenses are approximately \$135,337 or 2.4% over budget. Accounts receivables increased approximately \$50,041. The Authority continues to be affected by the economy and is keeping a close watch on its budget.

Dennis also reported that the Budget is starting to be worked on for next year.

Human Resources:

Dennis reported that he and Steve Fabietti had an issue that they dealt with today.

Public Relations:

In addition to the Quail Project, there was a large quail conference in Atlantic City and they had a national coordinator on his way to Philadelphia to catch his flight and they stopped here and the guy loved our site. He is doing this on a national basis so we're sure some of those pictures will show up on their Facebook page and Dennis will have to import them into ours. He was very impressed with our site and what we are doing back there. Hopefully we will develop a habitat. The goats are gone but the rest of the habitat is working very well.

Insurance Committee:

Dennis reported we continue to work on both prescription and health coverage. Health coverage is looking very interesting and hopefully very good news is coming on that.

Allocations/Administration:

Dennis reported that we had a couple of people coming in for commercial but not a home anywhere has come before us.

Dennis met with the city engineer. They have a ground work contamination project on going at the public works yard for 30 or 60 days as they excavate down into the soils they need to pump the contaminated ground water out. They will put it through a series of frac tanks to set off the sand and silts and add one more silk bag to take out the silt, run it through activated carbon so it takes out the contaminants and they want to discharge through our sewer system. It is a very short time frame. Dennis told them they call it a short time frame, it is a city project and to clean up the environment we would not charge them a connection fee for only a 30 to 60 day connection. It would be \$200,000 for the quantity of flow we have and I think that would be wasted taxpayer money on a short term job. Now if they want to run the Magnolia well for a period of time into the sewer system to make a grading to pull the pollutants across the cemetery, then we will have to take about that. But there is 10,000 gallons of capacity they already have there.

A motion authorizing no connection fee on a short term 30 to 60 day ground water contamination at the public works yard on Walnut Road was moved by Barse and seconded by Villar. Roll call: Barse, Errickson, Villar and Merighi voted "yes".

Merighi asked how a job like that would be connected. Dennis explained there is a sewer trunk line running through the property most likely be connected by lifting a manhole cover to pump in, drill through the side of a manhole or public works maybe there is a lateral there but that wouldn't be enough for this. They are talking 280 thousand gallons a day. They will probably have to run an 8 inch line to tie into the sewer and drop it into the sewer out there. Same thing at the well site. The well site has a connection already. We will put a flow meter either way. Dennis did say we will waive the connection fee

but we want a fee for the water they put into the system be whatever that is, not through an estimate but if we put a meter on it plus or minus 3% accuracy. Merighi asked will we do any testing? Dennis stated they have to have an independent lab come in and test it before it is discharged. Dennis has a standard policy that he has used before he came to LSA and for last 25 years is that you have two carbon filters, a larger one to begin with and everything else gets the silk and sand gets out, goes through the carbon, takes out the organics, goes across through a small filter and you sample before the small filter. The way carbon filters work is like finite differences so it breaks through and shows through the bottom so you really don't know it is there until it gets there. So if you do get high sample the small filter will catch anything coming through. So the sample point is between the filters. You are supposed to sample every 10 days or 2 weeks and look for those organic compounds. The ones associated with gasoline. They found numerous tanks out there and they keep finding more as the time goes on but there is definitely a ground water problem in the well on Magnolia. Villar said they have been testing it for a couple of months.

Old Business: None

New Business: None

Adjournment:

At 6:26 p.m. there being no further business to come before the Board, it was moved by Barse and seconded by Errickson that the meeting be adjourned. Roll call: Barse, Errickson, Villar and Merighi voted "yes".

THE LANDIS SEWERAGE AUTHORITY

G. STEVEN ERRICKSON, Secretary