

**THE SEWER BOARD MEETING OF THE CIVIL CITY OF NEW ALBANY,
INDIANA, WAS HELD IN THE THIRD FLOOR ASSEMBLY ROOM OF THE
CITY-COUNTY BUILDING ON THURSDAY, FEBRUARY 12, 2015 AT 9:15 A.M.**

PRESENT: Mayor Gahan, Larry Summers and Ed Wilkinson

ALSO PRESENT: Rob Sartell, April Dickey, Linda Moeller and Vicki Glotzbach

CALL TO ORDER:

Larry Summers called the meeting to order at 9:15 a.m.

PLEDGE OF ALLEGIANCE:

APPROVAL OR CORRECTION OF THE FOLLOWING MINUTES:

Mr. Wilkinson moved to approve the January 22, 2014 Regular Meeting Minutes, Mr. Summers second, all voted in favor with the exception of Mayor Gahan who was not present at that time.

BIDS:

Mr. Sartell stated that he has a bid from Delta Services to install a replacement VFD and the low bid is Square D at \$15,686.00, second was for a Cutler Hammer at \$19,433.00 and the last one was for an Allen Bradley at \$18,844.00. He recommended going with Square D at \$15,686.00.

Mr. Wilkinson moved to approve Square D at \$15,686.00, Mr. Summers second, all voted in favor with the exception of Mayor Gahan who was not present at that time.

Mayor Gahan entered the meeting at 9:20 a.m.

Mr. Sartell then presented a bid to repair a segment of sanitary sewer off of Hickory Grove running north to McDonald Lane. He said that he sent out three requests for bids and only had TSI respond and they came back with three options to replace the line. He explained that the first one is to dig it up and replace it for \$39,112.00, the second is for pipe bursting for \$43,581.00 and the third is to reroute the line entirely for \$49,852.00. He recommended going with pipe bursting because they would have to take out a person's driveway, a tree and utility pole to dig it up and replace it. He felt that in the long run, it would be cheaper to pipe burst it because there is only one connection on this segment so they would only have to pothole for one lateral connection.

Mr. Summers moved to approve the pipe bursting bid from TSI in the amount of \$43,581.00, Mr. Wilkinson second, all voted in favor.

COMMUNICATIONS - PUBLIC:

COMMUNICATIONS - CITY OFFICIALS:

Mr. Wilkinson explained that there was a pipe that ruptured and caused a sinkhole situation at the sewer plant but Mr. Sartell and his crew spotted it right away and began handling the emergency but it could've been a monstrous disaster. He said that Mr. Sartell and his crew did an excellent job handling this.

Mayor Gahan stated that is great news and we should probably make the public more

aware of why the road is shut down and what is going on there.

Mr. Sartell stated that he would probably have to go back to the board of works next week and request a few more days for the closure.

SEWER ADJUSTMENTS:

FINANCIAL REPORT:

Mr. Wilkinson stated that compliments to the billing department are in order because we collected over \$1M in non-payments. He explained that the current system in place is working well but the process has to be performed well and when it is, we get the right results. He said that they are doing an excellent job.

Mayor Gahan thanked Mrs. Dickey and asked her to pass it along to her department.

NEW BUSINESS:

1. James Taylor re: Sewer Bills at 915 Pearl Street

Not Present.

2. Keith Bryant of United Consultants

Mr. Bryant stated that he has been working with Mr. Sartell at the plant on designing a project and passed out information on it. He said that there are two main lift stations that need some work and explained that structure 110 is the older one and they are looking at replacing some valves that are inoperable and old so that you can actually isolate and do what needs to be done at the lift station. He said that while doing that, they will also prep and recoat the piping and valves so that they are protected from future degradation with moisture, etc. He said that the second lift station is structure 120 and they are looking at installing a third pump that will get you up to a higher capacity and gives more backup capacity. He explained that is already structurally made and will just have to be put in place. He stated that the larger part of the project is the truck dump station and they are looking at installing a new building that would allow mechanically screening to be put in and automated washing. He stated that in addition to that the desire was to be able to get the trucks in out of the weather while that is being done and to be able to wash and clean those trucks. He said that this gives the tools to protect the pumps and keep the sewer system clean. He then said it is a masonry building that will have to be a Class 1, Division 1 facility by code which means they have to separate the electrical room and have a system in there to boost power for washing down the trucks. He said that he had a full set of half size plans if the board would like to view them. He also said that they have been emailed.

Mr. Sartell stated that it also has a safety aspect to it because they have had people hurt in the older structure trying to clean it up.

Mr. Wilkinson stated that there are 110 plugins inside of the wall and outside of the wall in the dump building and if the door were closed and someone wanted to use a drop cord for any kind of emergency there ought to be a 110 plugin so there doesn't have to be a cord run through or under the door.

Mr. Bryant stated that there has to be a Class 1, Division 1 plug on the inside and you won't be able to plug any conventional tools into it because it is a special connection and you can't put a standard 110 in because of code.

Mr. Wilkinson stated that as long as the issue is dealt with by code and there is not the ability for an employee to do something that management wouldn't approve of then he is comfortable with that.

Mr. Sartell suggested that the board approve United Consultants to proceed with bidding process.

Mr. Wilkinson stated that this was emailed to the board a few weeks ago and he has gone through it in detail and he is comfortable with it including the last three pages of their estimate of the cost. He added that it is inside the budget and is what we intended to do in the beginning.

Mr. Wilkinson moved to approve notice to proceed on bidding process for United Consultants, Mr. Summers second, all voted in favor.

3. Tim Fisher/Jason Copperwaite with Waffle House/Primavera & Associates

Mr. Copperwaite passed out information on Waffle House on St. Joseph Road for the board to review. He said that it is under construction and they ran into an issue with the sewer service inspection. He explained that a 4" lateral was installed and New Albany has a requirement of 6". He said that he did a calculation to show that the Waffle House is a small wastewater user at 2660 gallons per day and if you peak that it yields a 0.02 CFS flow and capacity of a 4" line at minimum slope is 0.28 so it is 1/14th of the capacity at minimum slope and the line is actually installed at 5% slope so there is plenty of capacity in the line. He stated that there is a grease trap in place and there is really no need for a 6" lateral. He said that Waffle House understands that it is their line and if it ever clogs it is their responsibility to fix it. He requested the board's consideration to vary that size.

Mr. Wilkinson stated that we very specifically made everyone aware that the design requirement was 6" and have had an ordinance in place since 2001 that says the cleanout should be 6". He said that he was out there on two different occasions and took some pictures of the plumbing and not only is the piping coming to our main line not 6" but the cleanout is not 6". He added that not only has the regulation been in place since 2001 but in 2012 we did a new upgraded design manual and it says all of that piping should be 6". He said that he is happy that the trench has been left open so it will just be a matter of picking up the 4" pipe and laying down the 6" and the cost of the pipe difference is about \$1.00 per ft.

Mr. Fisher stated that right now it will be an added cost of over \$5,300.00.

Mr. Wilkinson stated that would be hard for the board to tell two subdivisions within a mile that they have to do 6" on the cleanouts and then allow this installation on a commercial site that is going to produce more grease than the next 100 houses in the neighborhood. He also stated that he would prefer it be 6" as the code requires.

Mr. Summers stated that his concern is that if the infrastructure is already in place and something happens to the Waffle House and is redeveloped with a higher output then that size of pipe may not be adequate so he feels more comfortable sticking with our current design standard. He added that he thinks it would be best if our design standard is followed in this instance.

Mr. Copperwaite stated that he understands that the state has a minimum 8" line but in some cases there is a detriment to that because you can't develop your cleanout flows in a larger pipe with low flow situations. He added that he is not even sure that Waffle House

will generate cleanout flows in a 4" line based on the low flow that it has but he does understand the board's view on that.

Mr. Christmas stated that he knows that the capacity is there but feels that it has more to do with future maintenance and access. He thinks that it is more about setting a precedence with the code and the reason that it is 6" is because the equipment is more suited for that to do maintenance.

Mr. Wilkinson stated that we just purchased a camera to do the laterals and the camera alone was \$95,000.00 so we are expanding the technology in our lining crew to do more and more things with the line so we want to stay consistent with purchasing equipment, training our people and maintenance to comply with EPA.

Mr. Copperwaite asked if they replaced that portion from the main to the easement line or even a 20 ft. strip which would be similar to what a residential house does.

Mr. Wilkinson stated that he is going to let him work with Mr. Sartell as far as the mechanics and what is acceptable to us but he is not in favor of a variance. He added that in his pictures it appears that there is not a cleanout at the end of the line.

Mr. Sartell stated that there is language that talks about cleanouts being directly outside the foundation of the building and they need to be at the discharge side of your grease interceptors so that probably needs to be reviewed to make sure that it's all up to code.

Mr. Fisher stated that the cleanouts will be there but aren't there yet because they had to stop construction.

Mr. Wilkinson asked that Mr. Fisher be given a copy of the section that would involve anything that he lays.

OLD BUSINESS:

1. Clark Dietz Update

Mr. Christmas stated that on the Jacobs Creek, Phase 2 interceptor project, he received feedback on some regulatory coordination that has been going on for the last few weeks. He said that the wetland assessment that was required has been completed and he is waiting on the report but he did get a verbal back from the sub consultant doing it that there is no anticipation of impact of wetlands which is good. He added that DNR responded yesterday and is okay. He said that now that he has verbal approvals and formal approval coming shortly, he anticipates going ahead and getting that advertisement out next Friday unless directed otherwise by the board. He then stated that on the GIS Application all additional modifications have been implemented and brought into the application. He said they are having a conference call this afternoon to discuss that with the Sewer Utility and after that, he will schedule the full demo and training onsite for the staff and upload the final full version of the map and web application. He then stated that on the Basin 16 flow, they have been working on that hydrologic model for that system and analyzing the results and he has a draft report that he will distribute to everyone in the next day or so. He said that EPA did require a full detailed model of the entire Basin 16 where the lining has taken place and an evaluation of the effectiveness of the lining and they had several requirements of that. He said that the model was much more detailed than what was previously done for the entire system because they wanted every single line modeled. He explained that he got the preliminary results and for the most part, half of the basins have come back and he is seeing on general 15%-21% reduction in peak flows and 15% reduction in volume so it has been effective. He added

that the goal is to try to get up to 30% so maybe we can make additional modifications to reach that number. He then explained that on the east side where the lift station is there are some funny results going on and some funny flow monitoring that warrants a little more investigation. He said there are some base flows that are a lot higher than before the rehabilitation was done which doesn't make sense so they need to do some more digging. He added that the lift station itself also impacts that side quite a bit.

Mr. Wilkinson asked if he is talking about a few peaks that are out of whack.

Mr. Christmas stated that they are really seeing base flows which have basically doubled between 2011 and 2014 and they are trying to find an exact date where it clearly made a jump if there is one. He then explained that the McLean lift station itself has some impact on the wet weather flows over there so maybe we should just move forward and complete the upgrade that is underway out there and that way we won't have surcharging back in the line and we will get better flow monitoring data anyway.

Mr. Wilkinson said that it almost sounds like a line break and we've got an inflow.

Mr. Christmas stated that since it is a relatively small service area, we only have monitors at the very downstream end so he can't pinpoint where in the system that increase is coming from.

Mayor Gahan asked if he feels like the data is accurate.

Mr. Christmas stated that it seems to be although there is no explanation for the change at this point.

Mr. Sartell explained that he feels pretty confident that the meter is accurate because it is serviced once a month.

Mr. Christmas said that he would get the report out.

UTILITY REPORT:

New Albany Wastewater Utility Monthly Report Summary for December 2014

Influent / Effluent Quality

The Treatment Facility was in full compliance.

Pretreatment

Conducted annual inspection and sampling for Discount Labels.

Conducted annual inspection of Bert R. Huncilman

There were 27 grease trap inspections.

Facility Operations

58 dry tons of bio solids were removed from the WWTP.

The WWTP was at 55% of its Total Suspended Solids design limit and at 70% of its CBOD design limit.

There were 2.97 inches of rain for the month

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Sewer Board

February

12, 2015

Preventative and Unscheduled Maintenance

228 preventative work orders were completed and 29 corrective work orders were completed for the WWTP and Lift Stations

Highlights

Vacuumed out wet wells at Wolf Lake, The Pines Lift Stations.

Maintenance replaced Transducer for the #2 pump at Mt. Tabor Lift Station.

Started feeding Nitra-nox at LaFollette Lift Station to eliminate hydrogen sulfide issues at Quarry Road Lift Station.

Rebuilt #1 Process Water Pump.

Maintenance replaced Grit Washer Actuator Valve for pump #3

Sanitary Collection System

<i>Project</i>		<i>December</i>		<i>Year-to-Date</i>	
<i>Sanitary Sewer Flushed/ft</i>		<i>12,613.5</i>		<i>161,634.8</i>	
<i>Sanitary Sewer Televised/ft.</i>		<i>10,622</i>		<i>110,955.1</i>	
<i>CIPP Installed/ft</i>		<i>2,468</i>		<i>18,960.9</i>	
<i>Tap Inspections</i>		<i>5</i>		<i>66</i>	
<i>Locates</i>		<i>293</i>		<i>6,487</i>	
<i>Service Requests</i>	<i>Odor Complaint</i>	<i>Main Block</i>	<i>Resident Problem</i>	<i>Dye Test</i>	<i>Emergency Locates</i>
<i>26</i>	<i>2</i>	<i>3</i>	<i>16</i>	<i>1</i>	<i>5</i>

Sanitary Sewer Overflow Monitoring

There was 1 rain event that required Stantec monitoring and resulted in the observation of 1 overflow.

Preventative and Unscheduled Maintenance

0 preventative work orders were completed and 0 corrective work orders completed for the Collection System.

There were 26 Customer Service requests 3 of those requests were for blockages in the main line.

Highlights

Construction Highlights

Basin #1

Sealed casting at MH #1-201

Basin #2

Pipe Patched 12 inch line upstream from MH# 2-133.

Pipe Patched 8 inch line upstream from MH# 2-133.

Pipe Patched 8 inch line upstream form MH# 2-118

Basin #4

Reset and resealed MH #4-2 at Eagles Lane and Corydon Pike

Basin #11

At 712 West Cottom in rear easement replaced damaged common lateral and replaced connection to main line.

Pipe Patched 8 inch main 38 feet from MH #11-7 towards MH #11-6 on Ealy St.

Basin #14

Raised MH #14-130 to grade.

Basin # 27

Took MH# 27-27E out of service. It was no longer in use and was a source of inflow.

Facility Safety

The monthly safety inspection rating was 97.7%

The safety training topic was on CPR.

Projects

110/120 Valve replacement and Dump Station

A construction permit has been approved by the Indiana Department of Natural Resources. Completed the Final Design meeting and project is ready to go out to bid. United Consultants will be at the 2-12-15 NASB to do a project and bid document summary

Algae Control System

Design, Bid and Construction Management Contract awarded to BLN. An on site meeting is scheduled for 2-16-15 @ 10:30 A.M.

McLean Lift Station

The NASB has approved a Design, Bid and Construction Management Contract. Survey work is scheduled.

Reline New Albany

The Lining Crew has completed lining in Basin #23 except for two sections in Charlestown Road that may need a manhole set there. Manholes have been lined in #23. The Lining crew has begun lining in Basin #10 but has moved on to Basin #11 until better weather conditions allow the crew to get into off road areas in #10.

Process Water Line Replacement

Project is substantially complete. Site restoration and asphalt repair still needs to done.

Main Street Fence Repair

After reviewing repair work to the fence the work does not match the existing fence. Metro fence has been contacted and payment is being held. Metro contacted us and will make the nessacary changes to the fence.

CVS Sanitary Sewer Relocation

The building has been demolished and site work has begun. Our inspector has made contact with the General Contractor to make sure that we inspect the main line relocation portion of this project.

110 Raw Wastewater Pump Station 20 inch Force Main

The 20 inch force main on the south side of the #110 pump station has developed a breach of some sort and has caused a sink hole next to the dry well of #110. We have called in Lawyer Excavating to do a emergency rerpair since they were mobilized on a project close to us. After CCTV of the force main it was decided to install a new force main due to the depth, pipe condition and other infrastructure that made it difficult to access the exsiting force main.

Emergency pumps have been put into place to handle any rain events that we may have while project is being completed.

CLAIMS:

Mrs. Moeller presented the following claims for approval:

**Sewer Claims
1/23-2/12/2015**

Vendor Name	Amount	Department
Gibson Law Office, LLC	\$2,596.14	Thursday Utilities
NA Municipal Utilities	\$1,038.33	Thursday Utilities
Indiana American Water	\$1,072.13	Thursday Utilities
Stormwater/Drainage Fund	\$91,579.62	Thursday Utilities
City of New Albany	\$48,197.92	Thursday Utilities
Sanitation Fund	\$242,754.36	Thursday Utilities
The Bank of New York Trust Co,	\$442,007.50	Thursday Utilities
Floyds Knobs Water	\$37.64	Thursday Utilities
Neace Lukens	\$150.00	Thursday Utilities
AT&T	\$1,008.07	Thursday Utilities
Duke Energy	\$57,578.34	Thursday Utilities
Fleetone MSC 30425	\$3,739.71	Thursday Utilities
Silver Creek Water	\$74.67	Thursday Utilities
Vectren Energy Delivery	\$2,667.27	Thursday Utilities
Kemp Title Agency, LLC	\$51,630.41	Thursday Utilities
Total	\$946,132.11	
Indiana American Water	\$4,062.90	SEW
Postmaster	\$98.00	SEW
Silver Creek Water	\$1,248.00	SEW
Office Supply	\$265.99	SEW
Floyd County Recorder	\$2,400.00	SEW
L&D Mailmasters	\$1,579.09	SEW
Crown Services Inc	\$1,140.00	SEW
Mary Foley	\$94.40	SEW
Total	\$10,888.38	
Ace Hardware	\$457.63	WWTP
Carriage Ford	\$691.39	WWTP

CED/Falls City Electric	\$9.62	WWTP
Rinky Dinks	\$22.75	WWTP
Stumler Auto Electric	\$95.00	WWTP
Black Diamond	\$110.00	WWTP
Clark-Floyd Landfill	\$7,045.78	WWTP
Quill	\$1,757.90	WWTP
HMB Professional Engineers	\$4,530.00	WWTP
Clark-Dietz	\$17,198.32	WWTP
Earth First	\$400.34	WWTP
Mike Smith Firestone	\$15.00	WWTP
Red Wings Shoe Store	\$600.00	WWTP
UHL Truck Sales	\$331.21	WWTP
Hagmann Enterprises	\$425.00	WWTP
Whayne Supply Co	\$1,214.72	WWTP
Owens Communications, Inc	\$372.75	WWTP
PNC Equipment Finance, LLC	\$601.23	WWTP
Jacobi Sales, Inc	\$359.76	WWTP
Norton and Associates	\$135.00	WWTP
USA BlueBook	\$3,310.16	WWTP
IN Dept of Environmental MGMT	\$11,500.00	WWTP
BioChem, Inc	\$3,863.23	WWTP
Delta Services, LLC	\$1,044.00	WWTP
Rodeffer Moss	\$1,350.00	WWTP
Spencer Machine & Tool Co	\$3,489.90	WWTP
William J. South	\$25.87	WWTP
Stantec Consulting Services	\$3,364.50	WWTP
Metro Answering Service	\$61.72	WWTP
South's Cleaning Service	\$1,000.00	WWTP
Pipe Eyes, LLC	\$257.19	WWTP
Office Depot	\$233.93	WWTP
Home Depot	\$112.52	WWTP
Kentuckiana Wire & Rope	\$777.27	WWTP
Thomas Hodges	\$22.95	WWTP
Gary Stone	\$84.71	WWTP
OneSource Water	\$360.00	WWTP
NCL of Wisconsin	\$148.15	WWTP

DeZurik, Inc	\$520.00	WWTP
Hach Company	\$332.79	WWTP
Walker Process Equipment	\$3,235.34	WWTP
Environmental Laboratories	\$30.00	WWTP
Meiners Medical, Fire & Safety	\$3,111.89	WWTP
LMK Technologies, LLC	\$3,416.82	WWTP
Napa of New Albany	\$158.84	WWTP
Fairfield Inn & Suites	\$572.70	WWTP
Source 1 Environmental, LLC	\$2,400.00	WWTP
Contegra Inc	\$994.43	WWTP
Fairfield Inn & Suites	\$1,451.88	WWTP
Total	\$83,604.19	
Grand Total	\$1,040,624.68	

Mr. Wilkinson moved to approve the above claims, Mr. Summers second, all voted in favor.

ADJOURN:

There being no further business before the board, the meeting adjourned at 10:00 a.m.

Mayor Gahan, President

Vicki Glotzbach, City Clerk