

**Minutes of the Regular Meeting of the
Board of Sanitary Commissioners
Terre Haute, IN**

March 5, 2024

The Regular Meeting of the Board of Sanitary Commissioners took place in the Third Floor Conference Room of City Hall, 17 Harding Avenue, Terre Haute, Indiana, on March 5, 2024.

Physically present:

Pat Goodwin -	President
Jim Winning -	Vice-President
Marcus Maurer-	Secretary
Tim Adams-	Board Member
Dan Bradley-	Board Member

Richard Shagley-	Sanitary Attorney
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Sally Roetker -	Dept. of Engineering
Brad Utz-	Dept. of Engineering
Ed Stewart-	Director of the WWTP
Jessica Thome-	City Controller
Jesse Tohill-	Director of Public Works
Troy Swan-	HWC Engineering
Eric Smith-	HWC Engineering
Lauren Ganapini-	United Consulting Engineers
Herb Butler-	American Structurepoint
Ben Shoulders-	American Structurepoint
Todd Nation-	City Council
Bob Murray-	Tax Payers Association
Jim Hunter-	Tax Payers Association

Pat Goodwin, President of the Board of Sanitary Commissioners, called the meeting of the Board of Sanitary Commissioners to order.

PUBLIC COMMENTS

There were no public comments.

APPROVE MINUTES

The Board received the minutes of the meeting from February 20, 2024.

Dan Bradley inquired about the status of Sanitary Payroll coming out of the General Fund and Jessica Thome stated they found that payroll for Wastewater Employees was coming out of the City Operating Account rather than the Sanitary Account. The Wastewater Payroll is now coming out of the Sanitary Bank Account. Pat stated the Sanitary report shows 82% for payroll and this doesn't match with the money coming out of the City Fund. Jessica explained this report is showing only the expense lines but there is also an operating cash line and that is where the money was coming out of.

On a motion of Dan Bradley, seconded by Tim Adams, and unanimously approved, it was resolved the minutes from the February 20, 2024 be approved as amended by adding **"The Mayor stated** the Sanitary District payroll is coming from the General Fund in the amount of \$5-\$6 million per year."

APPROVE CLAIMS

The Board was given the list of claims for Wastewater Utility Funds. Pat stated they do not have anything to compare claims against. The board would like a financial statement to compare against the claims. The Departmental Statement of Activities will be added to the second meeting of the month agenda for claims comparison. Pat inquired about the claim for Seelyville water meter readings. Jesse Tohill, Director of Public works stated this is similar to how we pay IN American Water Co. to read their water meters and report those to sewage billing and our billing vendors in Tulsa to calculate sewage usage. We also pay Seelyville as well to do the same job. We also bill a portion of the Seelyville customers individually that are within the Sanitary District. Dan Bradley inquired if what we are paying Seelyville is proportionate to what we pay IN American Water for the same service. Jesse stated he was not familiar with this contract but could look into it. Pat also inquired if the pipe that comes from Seelyville may have more than just sewage in it, however we are only billing them for what the meter reading says on their water bills. Pat asked if it is possible to just put a meter on the pipe. Marcus stated we do have a meter on the pipe and we will be doing a study on the Seelyville Interceptor as part of the LTCP, however there is concern for an increase in sewer rates in Seelyville which are already higher than Terre Haute rates. Pat asked why we don't bill Seelyville customers directly. Troy Swan stated they still own the system within their Corporate limits so they have to maintain that system. They have to generate revenue on their side as well as pay Terre Haute. Pat inquired about the charge under the Controller's Office for the Ricoh Copier. These are charges processed by the IT Department that go to each Department then the IT Department pays Ricoh. Jessica will check on how this process works. Pat inquired about street sweepings. Marcus stated historically street sweepings were put on a dump site which is not allowed by IDEM and now they are taken to the Wastewater Plant where they are dumped and then taken to the Landfill.

On a motion of Dan Bradley, seconded by Tim Adams, and unanimously approved, it was resolved to approve the claims as presented.

PAYROLL

The Board received the WWTP payroll for the period of 2/5/24-2/18/24 for Hourly and 2/15/24-2/28/24 for Salary.

On a motion of Jim Winning, seconded by Marcus Maurer, and unanimously approved, it was resolved the WWTP payroll for 2/5/24-2/18/24 for Hourly and 2/15/24-2/28/24 for Salary be approved.

LTCP UPDATE

Eric Smith, HWC Vice-President, stated he has been dealing with the Terre Haute CSO for many years. The Clean Water Act of 1973 made it illegal to discharge any combined sewage into a waterway. Essentially no one can meet those regulations affordably so attorneys were needed to help with mechanisms to protect communities that have Combined Sewer Overflows and in the future that may have any type of third party law suits plus may need help dealing with IDEM and regulations. In the early 1990's IDEM started putting requirements on CSO plans. Those were low cost means to help prevent Combined Sewer Overflows such as street sweepings, inlet cleanings, and best

practices to help keep storm water out of the sewer system and help reduce the amount that would actually overflow into the river. In the late 1990's IDEM started requiring Long Term Control Plans and PDS Permits which are Permits to discharge waste into the Wabash River. Long Term Control Plans were actually plans that would require communities to build infrastructure to control Combined Sewer Overflows. In 2001 the first LTCP was developed for the City of Terre Haute. There was a period between the early 2000's and the late 2000's when there was a lot of in activity with actually approving plans. Some communities went forth with some projects they knew would help with CSO control. Terre Haute in the mid 2000's lined some of the large old brick sewers in downtown Terre Haute. Once the plan was implemented there would need to be some inline storage in the big oversized sewers that could help sustain flow until the rain subsided and the flow could better get to the Wastewater Treatment Plant.

In 2008 there were some early action items they called sewer lining, and planning started for Floatables Controls because regardless of the regulation for how much CSO's could occur for the system, putting Floatables Controls which captures plastics and materials that can get into the river, outfalls needed to have a structure to capture those materials. Also, in 2008 Indiana offered two paths for communities. One was called the Demonstrative Approach, this was called design storms for criteria that was met for levels of storms, this approach was modeled after Michigan. A community needed to provide full treatment for a one year one hour event and provide primary treatment and disinfection for the ten year one hour event. A lot of the bigger cities could not comply with this. The smaller systems could such as the City of Attica. The other approach was called the Presumptive Approach, whereby a number of overflows per year are negotiated and affordability is also considered where it is known there will be some level of CSO overflows. Between the number of overflows in a typical year and the affordability factors an agreement is reached with IDEM knowing that a Use Attainability Analysis will be done which will give cities like Terre Haute some protection. This states the designated use of the Wabash River will be changed from fishable, swimmable to a CSO use or four days during and after a CSO event. In 2011 the updated plan for Terre Haute was submitted to IDEM and approved. At that point the implementation of LTCP was started. In 2014 that plan was amended. The original plan looked at using some large lagoons at the old International Paper Plant. The 2011 the plan was amended to replace those lagoons with High Rate Treatment at the same location. Instead of storm flows it would be put through a high rate treatment, high rate clarification disinfectant then discharge it into the river. This was primarily a financial decision after more studies were developed about the lagoons the cost would be very high to make them usable. In 2015, Phase I was completed which was Floatable Controls at Spruce and Idaho and combining two outfalls into each of those. Chestnut consolidated into Spruce which eliminated Chestnut and Hulman was consolidated into Idaho which eliminated Hulman. There was an in-line storage structure of series of gates at the floatable control structure at Idaho that allowed for storage of flows in the system to help reduce what went into the river. The other part of Phase I was the first Phase of the High Rate Treatment that is at the Main Lift Station site. In 2017, Phase II was started which was primarily the New Main Lift Station which was designed for an 81MGD capacity. Also this would bring the total high rate treatment capacity to 33 MGD. Also, the Green Infrastructure Parking Lot at City Hall was part of Phase II. In late 2019 Phase II was in progress, there was a very large deep excavation which had to be dewatered and eliminate ground water in order to get down to the elevation of the bottom of the wet well structure. They were pumping the water into the lagoons that were on site which eventually drained into the Wabash River and there was some fish kill that occurred during that period. The pumps were drawing from an adjacent property and pulled in a contamination which would have been very costly to treat. IDEM and EPA were involved and filtration and some very expensive treatment was required, therefore the plan was reevaluated. The 2011 plan was reducing CSO volume to the river by 72%, it was capturing 96% of wet weather flow, it was eliminating all the CSO's in Fairbanks Park and resulting in no more than seven

overflows in a typical year and eight of ten outflows, the only two that would remain open under that plan were Spruce and Idaho. The approved plan elements that had greater wet weather capacity at the plant brought that up to 48 MGD in the mid 2010's. Floatables control were at ten at Spruce and Idaho. The 33 MGD High Rate Treatment Facility and a new 12' diameter relief sewer along the Wabash River from Fairbanks Park to the Main Lift Station and the Green Infrastructure and Storage at Spruce would be the last stage. Eric Smith presented a diagram of the general layout. The cost estimate was \$125,000,000, after the revaluation and new cost estimate was \$310,000,000. Some of the non-monetary factors that affected the feasibility of that plan were wetlands, and contaminated soils which precluded open cut installation of the large sewers, the construction method restrictions for the large diameter sewer and the material manufacturing, and the impact of the relief sewer depth on the main lift station. The sewer in the original plan was provided to convey and store flows that is why it was so large and oversized. At that point the cost for Phase I and part of Phase II was \$68,000,000. The updated evaluation of the approved plan had good flow data that showed how the different rain events caused the system to operate. The cost for the relief sewer and main lift station had increased significantly. The key criteria used to evaluate what a new plan would look like and include were, implementation and design constraints, pipe conflicts, raising the sewer, construction issues with the soils, construction methods for the relief sewers, and the impact on the main lift station both in depth and flow.

Troy Swan stated they screened several alternatives and chose Alternative 1C the Preliminary Cost Opinion. The key elements were the storage at Chestnut which is at the north end of the system. In 2021 the estimated construction was \$2,000,000 along with that there was a reduced diameter relief sewer that began in the park and navigated down the first street corridor to SR63 to tie into the main lift station. The estimate was \$50,000,000. The key piece to this alternative was leaving CSO #7 open at Walnut St which was the largest one in the park. The construction of the floatable structure and storage facility was estimated at \$14,000,000. The New Main Lift Station which is under contract was estimated at \$65,000,000. The overall plan as presented today is \$291,000,000 based on 2021 dollars but the financial analysis has taken inflation into account. Regarding the current revised LTCP we received comments from IDEM in July of 2023 and responses were sent back in October on 2023. A meeting was had in October 2023 and again in December with more detailed comments on the integrative planning efforts. Construction has started on the New Main Lift Station this month.

WWTP-PURCHASE OF TRACTOR SIDE ARM

Marcus Maurer stated the Mayor asked him to contact Honey Creek Conservancy District regarding shared cost services of Thompson Ditch Maintenance. Marcus did not get around to making this call but stated he did not expect any crossover because they have an entirely different terrain than what we are dealing with which would cause them to have to pick up a new service with their contract to accommodate what we need to do. Dan asked what our responsibility is, Marcus stated it is all the way to Honey Creek. It is the Sanitary District easement. Honey Creek Conservancy District has constructed levies for flood protection. They own the levy and we own the ditch. We mow the ditch to Springhill. They are not responsible for the ditch.

On a motion of Dan Bradley, seconded by Tim Adams, and unanimously approved, it was resolved to approve the purchase of the side arm for the Wastewater Tractor.

OTHER BUSINESS

Jesse Tohill reported that Brad Speidel is no longer employed with the City of Terre Haute. He was the Sewage Billing Specialist. Jesse will fill in during the interim.

Jesse also stated the City of Evansville pays \$70 for 5,000 gallons of wastewater while the City of Terre Haute pay \$48.

ADJOURNMENT

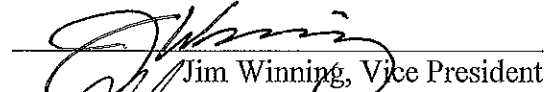
On a motion of Marcus Maurer, seconded by Tim Adams, and unanimously approved, it was resolved to adjourn the Board of Sanitary Commissioners meeting.

The next meeting of the Sanitary Board will take place on March 19, 2024 at 10:00 a.m. in the Third Floor Conference Room, Third Floor of City Hall, 17 Harding Avenue, Terre Haute, Indiana.

APPROVED on the 19th day of MARCH, 2024.



Pat Goodwin, President



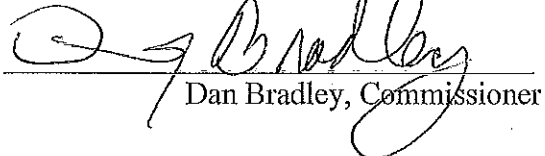
Jim Winning, Vice President



Marcus Maurer, Secretary



Tim Adams, Commissioner



Dan Bradley, Commissioner