

UTILITIES SERVICE BOARD MEETING

March 24th, 2014

Utilities Service Board meetings are recorded electronically or stenographically and are available during regular business hours in the office of the Director of Utilities.

Board President Swafford called the regular meeting of the Utilities Service Board to order at 5:00 p.m. The meeting was held in the Utilities Service Board room at the City of Bloomington Utilities Administrative Building in Bloomington, Indiana.

Board members present: Tom Swafford, Julie Roberts, Jim Sims, Sam Frank, Jeff Ehman, Pedro Roman, and Tim Mayer, Ex-Officio. Staff members present: Patrick Murphy, Michael Horstman, Tom Axsom, Mike Bengtson, Nolan Hendon, Tamara Roberts, Jon Callahan, and Vicki Renfrow.

MINUTES

Board Member Roberts moved and Board Member Roman seconded the motion to approve the minutes of the March 10th meeting. Motion carried, 6 ayes, 1 member absent, (Banach).

Correction noted to replace the name Swafford with Banach under each motion statement as being absent from the vote.

CLAIMS

Board Member Roberts moved and Board Member Roman seconded the motion to approve the claims as follows:

Vendor invoices submitted to the Controller's Office on March 28th included \$343,516.41 from the Water Utility; \$150,613.83 from the Wastewater Utility; and \$23,667.61 from the Stormwater Utility. Total Claims approved, \$517,797.85.

Motion carried, 6 ayes, 1 member absent, (Banach).

Board Member Sims inquired about customer refunds, such as the ones on P2 of the claims list. Assistant Director for Finance Horstman explained that when a customer ends service and a balance is left on the account, they may request it refunded.

Vice President Roberts inquired about several claims to Al's Two Way Radio, and whether those purchases suggested new vehicles (approved in past) were finally in. Assistant Director for T&D Axsom replied that these charges were actually for some repairs and transfers between trucks purchased last year. Director Murphy added that discussions were underway on the best way to handle new fleet purchases. Staff utilizes a document of prioritized vehicle inventory and will revisit this list towards the end of the year before making such decisions.

Ms. Roberts also inquired about a claim to Environmental Assurance Company for 12 samples of floor tile containing asbestos, and what implications the testing may hold. Assistant Director for Engineering Bengtson informed that during the water plant expansion project, new tile was laid down on the floor, and the old original tile which was taken up was first tested for asbestos. It was asbestos laden, so the right processes were followed in its removal.

Ms. Roberts also inquired about charges to the Indiana Paging Network, and how pagers were being utilized by staff. Mr. Murphy answered that pagers were still being used by some staff for

communication, in lieu of cell phones. The Purchasing Department has a policy in place which determines who is entitled to cell phones, pagers, etc.

Board Member Frank inquired about claims to the State of Indiana, involving the project at 17th & Arlington. He asked for an update on the work, which is a water and sewer lines relocation. Mr. Bengtson informed that the location was a strategic one for us, and since we are a municipally-owned utility, the relocations on that intersection will be paid 80% by the state. Before that project commences, CBU must pay the 20% share.

Board Member Roman expressed a curiosity regarding several claims to William Hanna for hauling sludge to Medora Landfill. Mr. Murphy replied that while we have a permitted landfill at Dillman Road Wastewater Treatment Plant, one of the major issues we'll need to confront is that landfill's finite lifetime. When the Monroe County landfill was open, CBU provided sludge for their cover. Since then, it has been a significant issue, towards which Deputy Director Langley has been working on sustainable solutions.

Mr. Roman also noticed several claims to WW Grainger, for strobe light tubes on a gate, and wondered which gate these were for. Mr. Murphy believed those to be for the gates at the service center, but will verify that by pulling up the full detail on the claim.

Board Member Ehman inquired about a claim to CBU, for "service at Tamarron LS, Blucher, Dillman, Serv Center", in the amount of \$7,916.81. He understands we sell sewer and water service to ourselves, but was curious regarding the split between water and wastewater funds. \$261.00 of that amount is for water, while the remaining \$7,655.81 is for wastewater. Mr. Murphy replied that the matter will be investigated and the Board will receive a response before the next meeting.

Mr. Murphy gave an update on Mr. Roman's inquiry regarding strobe light tubes. They are for the gate at the service center, by the fuel pumps.

President Swafford noted the claim for work involving the Jordan River Culvert work, and requested a report in the upcoming month or two on the project. Mr. Murphy relayed an update is planned for the Staff Report segment of the agenda.

Board Member Roberts moved and Board Member Roman seconded the motion to approve the ACH payments as follows:

Vendor invoices that will be submitted to the Controller's Office on March 24th included \$221,036.00 from the Water Utility. Total Claims approved, \$221,036.00

Motion carried, 6 ayes, 1 member absent, (Banach).

REQUEST FOR APPROVAL OF AN INDUSTRIAL WASTE PRETREATMENT PERMIT FOR THE MONROE COUNTY LANDFILL

Pretreatment Coordinator Roberts presented this request for a new permit for the Monroe County Landfill. CBU currently has a contract with them, as they bring us leachate during high flow periods. They have a treatment plant which collects groundwater from an underdrain system related to a million gallon lagoon. When the treatment plant gets overwhelmed during rain events, the county hauls leachate to Dillman Road Wastewater Treatment Plant. Over the years, CBU has required sampling. A permit is now required because their flow is over 25,000 mgd on the days when they haul

to us, not 365 days per year. They typically do not haul to us during the summer, but rather in the fall and spring. The permit proposed is similar to the agreement that has been in place, with a required three samples per year. We are not required to permit because of their processes, as we typically do with customers, but they are significant because of their flow per day. They do have a slug control plan, as CBU requires of all permitted industries. This is in order to assure a formalized system is in place which spells out how to handle abnormal batches of wastewater should they be released to us. In this case, the customer is hauling to us, and has no ability to harm us through a spill or release of wastewater batches.

Vice President Roberts asked if there was reimbursement between the county and CBU for this service. Pretreatment Coordinator Roberts replied that the county pays all hauling fees. She also inquired about a portion of the permit on page 2 which states that the limitation for PCB's is less than the limit of detection. Does that mean the test we utilize can't measure the limitation? Pretreatment Coordinator Roberts explained that the Environmental Protection Agency (EPA) sets a method which we have to sample in accordance with. For PCB's it is referred to as '608'. 608 has several different PCB congeners we have to sample for, and each has their own limit of detection. The limit of detection for some of those congeners is not even developed. So we have one that is less than the limit of detection in this permit is because we have one in our Dillman Road permit. The EPA looks at the water quality for the stream that is discharged into, and they look at the PCB level safe for that particular water body, rather than for what we can treat. That is so low that it is less than the limit of detection for that method. When we send a sample to the lab, we have to send twice the sample amount so that they can get the level of detection lowered, but it is not as accurate. What follows is that they determine compliance by "LOQ", or limit of quantitation, about 2-3 times the limit of detection. While this can be very confusing, CBU leaves it this way in the permit because the EPA requires us to have a local limit and we follow the state's approach for the sake of consistency.

There are other methods which can detect lower levels, but they are not ones which the Clean Water Act has incorporated.

Board Member Sims asked how many methods CBU utilizes per body of water, and Ms. Roberts explained that the number depends on the contaminant. For most metals, there are 2-3 methods which are acceptable. For a volatile organic compound there are a couple of different ones. It depends on the instrument being used and the laboratory preparation and analysis. We have several hundred. Each congener is separate, and while the EPA does allow alternative methods of detection. Limits of detection are set at 99.5% accuracy, a fairly high threshold of accuracy to meet.

Board Member Ehman asked if CBU sees any temporal variability in the types of contaminants in the leachate. Ms. Roberts suggested that when this has been analyzed, she has not seen significant variation, though CBU typically receives only during heavy rain events. There has not been much worry about the leachate, and contrary to popular perception, it is quite clean, as it is mostly rainwater. Mr. Ehman confirmed that the December and February sampling would account for the heaviest water times, and the third period in June would just be an additional one. Ms. Roberts confirmed and added that the EPA specifies June and December at a minimum, and CBU added February as a high-flow month.

OLD BUSINESS:

Assistant Director for Finance Horstman updated the Board on the claim to CBU (from CBU). The largest component of that bill is from Blucher Poole. Assistant Director of Engineering Bengston explained that at Blucher Poole, the surface water system which recirculates effluent has had some trouble keeping up disinfectant levels on the north side, due to a large amount of pipeline between

customer systems. A lot of water sits in the mains for long periods of time. We're utilizing drinking water right now for washing down the system.

After some continued discussion, it was determined by Director Murphy that further inquiry is needed into the breakdown of this claim between water and wastewater funds, and suggested staff will research and get an answer to the Board via e-mail in the upcoming days. President Swafford agreed.

NEW BUSINESS:

N/A

SUBCOMMITTEE REPORTS:

Finance Subcommittee Chair Frank reported from a meeting held prior to this one, in order to review a proposed contract with Southern Monroe Water Authority (SMWA). SMWA is modernizing their plant and the financing being explored requires them to have a contract with CBU. It is premature for the subcommittee to make any decisions at this point. SMWA will return to the subcommittee once their financing options are more solidified.

STAFF REPORTS:

Assistant Director for Engineering Bengtson gave an update on the Jordan River Culvert project, under design by Donohue and Associates. Mr. Bengtson reported that the first meeting was held concerning the plans for the expanded Jordan River between north of Fourth & Grant, and down towards Second & Washington, where it will tie into another project. So far, Donohue has done all the surface surveying and are in the process of surveying inside the existing tunnel, in order to identify how they relate to each other. There is a plan view sketched out with a possible route, with extra width areas identified.

Director Murphy reported that with the arrival of warmer weather, main breaks are down substantially. Crews are able to focus on projects, such as the one on Seventeenth & College, where we were putting in a storm drain. Civil City is now taking over that project. We have been working on a lot of Stormwater projects, such as providing assistance in Evergreen, when that area experienced flooding. We will be meeting with HAND and taking over that project lead. HAND will reimburse us for the work.

CBU has one new project to add to the list. The university will be doing some work between North Jordan and Tenth Street, and it will present us with the opportunity to go in and replace aging and undersized sewer and water lines. The university did the design work for CBU.

We have a project we're finishing up on Grant Street, between Smith and Second. That is a water quality project, and we will be in the road once the school year ends.

President Swafford asked about the Seventeenth & Arlington project, and whether we were waiting on Civil City to put in blacktop. Mr. Murphy replied that they will be putting in curbs.

Mr. Swafford relayed that he recently visited the Monroe Water Treatment Plant with Mr. Murphy, and urged the board members to do the same. It is really impressive, and the staff is top notch. They also

visited Dillman Wastewater Treatment Plant, and will be visiting Blucher Poole wastewater Treatment Plant soon. He urged the board member to visit those as well. The processes being completed there, the technology, the staff is all amazing. We are very fortunate to have high quality staff at all our treatment plants, as well as here with the people who maintain water and sewer lines throughout the day. Board members can schedule this with staff, and it would be much appreciated by the employees at those plants.

Mr. Murphy relayed a story from a recent weekend visit to Blucher Poole. He suggested that there has been so much attention paid to the water plant expansion in recent years, the critical work of the wastewater plants has been somewhat overlooked. Mr. Swafford noted the new bar screen in that plant is interesting to see in action.

PETITIONS AND COMMUNICATIONS:

N/A

ADJOURNMENT:

The meeting was adjourned at 5:36 p.m.

L. Thomas Swafford, President