

UTILITIES SERVICE BOARD MEETING
1/16/2024

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CALL TO ORDER

Board President Parmenter called the regular meeting of the Utilities Service Board to order at 5:01 p.m. The meeting took place in the Utilities Service Boardroom at the City of Bloomington Utilities Service Center, 600 East Miller Drive, Bloomington, Indiana.

Board members present: Amanda Burnham, Megan Parmenter, Jim Sherman, Seth Debro, Jeff Ehman, Molly Stewart, Jacqueline Scanlan

Board members absent: Kirk White, Jim Sherman, Matt Flaherty

Staff present: John Langley, Matt Havey, Kat Zaiger, Jill Minor, Phil Peden, James Hall, Nolan Hendon, Daniel Frank, Dan Hudson, Kevin White, Jose Fuentes, Matt Dabertin, Caden Swanson, Jane Fleig, Holly McLaughlin

Guests present: Adam Casey

PETITIONS AND COMMUNICATIONS:

District Manager - Lake Lemon Conservancy - Casey provided a presentation providing updates on recent projects and initiatives related to sediment management and water quality in Lake Lemon. The key points included:

- 1.) Sediment Management Project: The presentation highlighted the ongoing sediment management project initiated in the early 2000s to address the issue of sedimentation in Lake Lemon. Sediment transport studies revealed that the actual sediment load was much higher than initial estimates.
- 2.) Historical Context: Historical data from a 1974 report estimated 40,000 yards of sediment entering Lake Lemon annually. However, recent studies found approximately 136,000 yards per year between 2014 and 2019.
- 3.) Project Evolution: The district implemented in-house sediment removal operations from 2009 to 2020, focusing on maintaining access channels and stabilizing shorelines. Recognizing the need for more effective measures, a comprehensive sediment management plan was developed in 2019.
- 4.) Hydraulic Dredging Project: In 2019, the district purchased a 13-acre plot for sediment management. A hydraulic dredging project commenced in 2022, leading to the successful removal of a significant amount of sediment within 15 months.
- 5.) Project Impact: The first project resulted in the reclamation of approximately 40 surface acres of Lake Lemon, improving boatable areas around Bean Blossom Creek.
- 6.) Future Projects: Another million-dollar bid was awarded for a 2024 project, focusing on a new disposal site connected to an overflow pond. The goal is not only sediment removal but also creating a constructed emergent wetland to enhance water quality.

7.) Challenges and Funding: Finding suitable disposal sites remains a challenge, and the district is exploring partnerships and funding options, including raising taxes and establishing an endowment to ensure ongoing maintenance.

8.) Community Engagement: The district is open to discussions about utilizing other properties, specifically mentioning a City of Bloomington property on the Northshore side, to address disposal site challenges.

Parmenter questioned who owned the property being considered for future dumping of sediment. Casey advised that the property was listed as owned by the City of Bloomington on the GIS, so it may ultimately be their decision, but Casey hopes the USB would help with that discussion. Burnham noted that the first area used for dumping was land locked with very few homeowners in the area, but the last site discussed was on the North Shore area and questioned if feedback had been sought from local residents. Casey advised that great feedback has been given and the area being considered is far enough away from other developments that it shouldn't cause any issues.

CBU Communications Manager - McLaughlin presented the final version of the CBU strategic plan for 2024-2026. The plan does not require a board vote but seeks support from CBU staff. Holly encouraged any remaining questions and hoped to move forward with board support for plan implementation. Parmenter expressed appreciation for the effort in creating the plan and anticipated positive outcomes for the utility in the next three years and beyond.

MINUTES

Parmenter noted that there was a typo stating that Burnham adjourned the meeting instead of Parmenter and the correction was made during the meeting.

Board Vice President Debro moved, and Board member Stewart seconded the motion to approve the minutes of the 1/2/2024 meeting. Motion carried, five ayes

CLAIMS

Debro moved, and Stewart seconded the motion to approve the Payable Invoices: Vendor invoices included \$158,696.54 from the Water Fund, \$237,545.50 from the Wastewater Fund, \$25,372.70 from the Stormwater Fund.

Motion carried, five ayes. Total claims approved: \$421,614.74.

Debro moved, and Stewart seconded the motion to approve the Standard Invoices:

Vendor invoices included \$101.83 from the Water Fund, \$14,399.26 from the Wastewater Fund, \$482.97 from the Stormwater Fund.

Motion carried, five ayes. Total claims approved: \$14,984.06.

Debro moved, and Stewart seconded the motion to approve the Utility Bills:

Invoices included \$5,903.31 from the Water Fund and \$15,582.61 from the Wastewater Fund.

Motion carried, five ayes. Total claims approved: \$25,710.06.

Debro moved, and Stewart seconded the motion to approve the Wire Transfers, Fees, and Payroll for \$603,308.37. Motion carried, five ayes.

Debro moved, and Sherman seconded the motion to approve the Customer Refunds: Customer Refunds included \$7,925.65 from the Wastewater Fund.
Motion carried, five ayes. Total refunds approved: \$7,925.65.

CONSENT AGENDA

City Legal - Wheeler presented the following items recommended by staff for approval:

- a.) Heflin Industries, Inc., \$3,620.00, Lift actuator installation and clean-up
- b.) SET Environmental, Inc, \$4,562.10, Neutralize any residual potassium permanganate chemical mixer was located
- c.) Brenntag Mid-South, Inc., \$1.455 per lb., 2024 Supply of Robin 120 Polymer for Monroe Water Plant
- d.) Brenntag Mid-South, Inc., \$.21 per lb., 2024 Supply of Sodium Bisulfite at Dillman Waste Plant
- e.) Brenntag Mid-South, Inc., \$.19 per lb., 2024 Supply of Sodium Hydroxide at Monroe Water Plant
- f.) Brenntag Mid-South, Inc., \$.19 per lb., 2024 Supply of Sodium Hydroxide at Blucher Waste Plant
- g.) ChemTrade US, LLC, \$635.00 per dry ton, 2024 Supply of Aluminum Sulfate at Monroe Water Plant
- h.) Jacobi Carbons, Inc., \$1.039 per lb., 2024 Supply of Carbon at Monroe Water Plant
- i.) JCI Jones Chemicals, Inc, \$1.695 per lb., 2024 Supply of Sodium Hypochlorite at Dillman Wastewater Plant
- j.) Univar Solutions USA, LLC., \$.2544 per lb., 2024 Supply of Hydrofluorosilicic Acid at the Monroe Water Plant
- k.) JCI Jones Chemicals, Inc., \$1.695 per lb., 2024 Supply of Sodium Hypochlorite at Monroe Water Plant
- l.) Chemical Resources, Inc., \$.318 per lb., 2024 Supply of Sodium Aluminate at Dillman Wastewater Plant
- m.) BioChem, Inc., \$2.40 per lb., 2024 Supply of Polymer - Praestol K275 at Dillman Wastewater Plant
- n.) BioChem, Inc., \$2.40 per lb., 2024 Supply of Polymer - Praestol K110 at Monroe Water Plant
- o.) BioChem, Inc., \$.318 per lb., 2024 Supply of Hyper Ion 1997 at Blucher Poole Waste Plant
- p.) BioChem, Inc., \$2.30 per lb., 2024 Supply of Polymer - Praestol K144 at Blucher Poole Waste Plant
- q.) Water Solutions Unlimited, Inc., \$8.00 per gal., 2024 Supply of Sodium Thiosulfate at Monroe Water Plant
- r.) Water Solutions Unlimited, Inc., \$14.25 per gal., 2024 Supply of

Sodium Permanganate at Monroe Water Plant

s.) Water Solutions Unlimited, Inc., \$1.00 per lb., 2024 Supply of Sodium Bicarbonate at Dillman Water Plant

t.) Water Solutions Unlimited Inc., \$9.50 per gallon, 2024 Supply of Copper Sulfate at Monroe Water Plant

Wheeler noted that CBU has chosen to handle the purchase of chemicals differently this year and opted to approve the agreements using the consent agenda. The dollar amounts on the agreement technically meet the requirements and the approval of these purchases fits the initial intent of using a consent agenda for agreement approvals. Ehman questioned if the board will still see the purchase for the chemicals on the claims sheet. Wheeler confirmed. Ehman questioned if CBU was choosing to handle the chemical contract this way because of the volume of agreements. Wheeler advised yes and advised that in the previous year the agreements were brought to the USB in chunks, but this year CBU was able to handle all the agreements at one time. Ehman questioned if the companies were locked to the pricing for the full year. Wheeler confirmed.

Consent Agenda approved as presented. Total approved: \$8,182.10 (non-chemical purchases)

REQUEST APPROVAL OF TO WRITE-OFF UNCLAIMED CREDIT BALANCES

CBU Assistant Director - Finance - Havey presented the item and advised that every year CBU reviews account receivables files and unclaimed credits that have been on the books for 7 years. Havey noted that the Board expressed questions about the list ahead of the meeting, so Havey will review the process and provide more information to the Board at the following meeting. Burnham questioned the volume of hydrant meter related refunds listed. Havey advised that it is a product of how CBU used to handle those transactions. Parmenter questioned if there was a public way to publish the list, similar to Indiana Unclaimed. Havey advised he could look into the process and see what could be updated.

Debro moved, and Sherman seconded the motion to table the Write-Off of Unclaimed Credit Balances. Motion carried, five ayes.

REQUEST APPROVAL OF CONSULTING SERVICES WITH COMMONWEALTH ENGINEERS FOR THE DILLMAN WWTP RELIEF SEWER DESIGN

CBU Assistant Director - Engineering - Peden presented the agreement and noted that it encompasses design, geotechnical survey, wetland delineation, tree inventory, easements, environmental review, permitting, bidding, and construction assistance. Peden advised that this project is in response to a known sewer issue, along with a new development planned on Sudbury Farm. The development will include approximately 5,000 new dwellings which could generate 1.3 million gallons per day in dry weather, and potentially 6 million in wet weather. This project was included in the CIP, but is being expedited in preparation for the Sudbury development. Summit development has been provided with this information. Commonwealth Engineering provided a technical memoranda outlining the capacity of the development and the

developer will be paying for a portion of the upgrades based on this calculation. Peden advised that an MOU between CBU and the developer will be brought to the Board in the coming months that will outline the specific cost, including a portion of the engineering. Subsequent developments in the basin would also fall under the criteria and a payment for their portion of increased capacity. Peden also noted that these costs are not related to the sewer connection fee, for each individual unit. That fee will still be paid at time of connection. The MOU will have to be in draft form before going to the Planning Commission and will require approval from the USB before moving forward. Ehman commented that a similar MOU has been used at several large projects and the approach seems fair, and questioned what the minimum size of a development would have to be considered for this process. Peden noted that from a staff perspective it would be good to have a specific criteria, but currently it is being used any time CBU has to file a waste load allocation letter to IDEM, which is used anytime there is a substantial sewer extension or increase in flow. Ehman questioned what specifically triggered the need for such a letter. Peden advised that anytime there is a new development that will extend the sanitary sewer, they have to submit an IDEM application and within that is Wasteload Allocation letter, which lists the flows they expect to produce. CBU must agree and sign-off that this increase in flow will not cause overflows. Ehman questioned if the former Kmart site development would trigger such a letter or not, given that it's not exactly a sewer extension. Peden advised that situations like that one are tricky, because the sites are increasing in density compared to prior use. Ex Officio Scanlan noted that the Summit development site was 140 acres, and the hope is that everything will be squared away with CBU before moving onto the Planning Commission and City Council. Final revision deadline is February 29th, and they are still waiting on their traffic study, so they may not be prepared by that date. Peden noted that the bid phase for the project would be August and September of 2025 with project construction starting in October 2025 and project completion in March 2027. Parmenter emphasized the importance of CBU having a set criteria for when to use this type of MOU with developers.

Debro moved, and Stewart seconded the motion to approve the agreement for consulting services with Commonwealth Engineers, Inc. Motion carried, five ayes.

REQUEST APPROVAL OF PROFESSIONAL SERVICES CONTRACT WITH GREELEY AND HANSON, LLC FOR NPDES PERMIT RENEWAL

CBU Assistant Director - Environmental - Zaiger presented the agreement and noted it is for the NPDES Permitting of both Blucher Poole and Dillman Wastewater Treatment Plants.

Debro moved, and Stewart seconded the motion to approve the agreement with Greeley and Hanson, LLC. Motion carried, five ayes.

REQUEST APPROVAL OF CHANGE ORDER NO.4 FOR SOLIDS DEWATERING IMPROVEMENTS PROJECT AT MONROE WATER TREATMENT PLANT WITH MITCHELL AND STARK CONSTRUCTION, INC

CBU Capital Projects Manager - Hudson presented the change order and advised that it is a time extension from late February to late March to accommodate backordering of aluminum material for the job and does not include any increase in cost.

Debro moved, and Stewart seconded the motion to approve the agreement with Mitchell and Stark Construction, Inc. Motion carried, five ayes.

REQUEST APPROVAL OF MOU BETWEEN CITY OF BLOOMINGTON UTILITIES AND INDIANA UNIVERSITY FOR THE CLEAR CREEK CULVERT RENOVATION PROJECT

CBU Utilities Engineer - Fleig presented the MOU and advised that it is related to compensation for 5 easements - 3 temporary and 2 permanent - related to the Clear Creek Culvert Renovation Project. CBU will pay the amount of \$378,900.00 to Indiana University to allow the project to move forward. Scanlan questioned if the project will require a Grading Permit. Fleig advised she is unaware if it will be necessary for this project. Burnham questioned if this related to ADA concerns related to the project voiced at a prior meeting. Fleig noted that this does not relate to that issue, but advised the CBU and Von Lee property owners have agreed that CBU will cover the expenses associated with reasonable accommodations for ADA compliance, as there is no way to complete the necessary work and maintain access to the building. CBU has not received any claims at this time.

Debro moved, and Stewart seconded the motion to approve the MOU between the City of Bloomington Utilities and Indiana University. Motion carried, five ayes.

OLD BUSINESS: None

NEW BUSINESS: Parmenter noted that the USB meeting schedule for Monday, April 8th will fall on the day of a major eclipse event and recommended that the meeting be moved to Tuesday, April 9th instead.

Debro moved, and Ehman seconded the motion to move the April 8th USB to April 9th. Motion carried, five ayes.

SUBCOMMITTEE REPORTS:

Ehman noted that Peden presented an overview of initial activities at the Winston Thomas remediation site, outlining work that is being done along with providing a timeline for architectural plans that are being drawn up. 50% design expected to be completed in March. CBU Assistant Director - T&D - Hall provided a history of the primary disposal site located on the Winston Thomas property, noting that it is used primarily by the Utilities, though other City departments do dump waste materials as well.

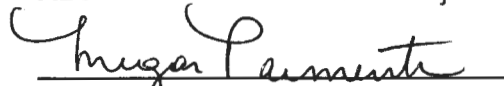
STAFF REPORTS:

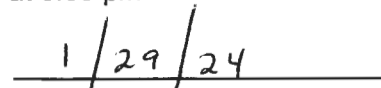
- Havey introduced the new CBU Purchasing Manager - Jose Fuentes
- Hall noted that two weeks prior, at the Monroe Water Treatment Plant, several chlorine lines that supply the plant began to leak, T&D attempted to locate and expose these

lines, but faced challenges as they were encased in concrete underground, making them difficult to access. Additionally, the high chlorine levels in the area posed safety concerns for the team. As a temporary solution, a new location was identified that met compliance standards for disinfection, addressing the immediate need. However, it was acknowledged that this temporary fix might not suffice once temperatures rise. CBU is currently working to redesign the chemical lines, and discussions are ongoing to determine suitable piping material. Once found, T&D could lay temporary lines until the full project could commence later in the year. The timeline for the temporary solution depended on the availability of the chosen material and the subsequent planning for excavation and placement. Hall noted it should be a relatively quick process once these details were finalized. The conversation also touched on considerations such as the potential need to replace piping for other chemicals and the associated costs, highlighting the complexities involved in addressing the issue efficiently.

PETITIONS AND COMMUNICATIONS: None

ADJOURNMENT: Parmenter adjourned the meeting at 5:55 pm


Megan Parmenter, President


Date