

RESOLUTION 1756

AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT A “\$10,000 MONEY BACK GUARANTEE” WASTEWATER TREATMENT PROPOSAL FROM BALDRIDGE ENVIRONMENTAL, INC. AND AN ADDITIONAL NOT TO EXCEED AMOUNT OF \$4,000 FOR THE CITY OWNED SHED TO HOUSE THE WASTEWATER TREATMENT UNIT.

WHEREAS, Early Mechanical Wastewater Treatment Plants are estimated at \$5m to \$7m dollars which would have impact on local sewer ratepayers.

WHEREAS, The City of West Branch formed the Wastewater Task Group in order to explore cost effective measures to meet new DNR required levels; and

WHEREAS, the Wastewater Task Group visited projects that used infusion technologies that enhances levels of dissolved oxygen for increased biological activity and therefore, recommends moving forward with this proposal as a pilot project; and

WHEREAS, the proposal is a money back guarantee should in 6 months of operating the micro-bubble machine and adding their super charged enzymes, the discharge from the lagoon will comply to DNR standards; and

WHEREAS, the fee for this project is \$10,000 for installation and training plus \$250.00 for each kilo of enzymes with a potential 40 kilo anticipated to be needed (enzyme cost will not be open to the “money back guarantee”); and a not to exceed amount of \$4,000 for a shed to house the treatment process; and

WHEREAS, the total pilot project is anticipated not to exceed \$24,000 (includes “money back” risk protection of \$10,000; and potential city owned shed of \$4,000 that can be used for other operational needs should project fail).

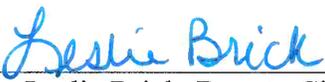
NOW, THEREFORE, BE IT RESOLVED, be it resolved by the City Council of the City of West Branch, Cedar County, Iowa, that the aforementioned Site Plan for the Project be and the same are hereby accepted and approved.

Passed and approved this 5th day of November, 2018.



Roger Laughlin, Mayor

ATTEST:



Leslie Brick, Deputy City Clerk

Baldrige Proposal

October 22, 2018

Mr. Redmond Jones

West Branch City Administrator

West Branch, Iowa

Dear Mr. Jones,

Todd Baldrige and I are grateful for the time you gave us on October 19th to visit with you and your colleagues concerning the waste water treatment facility. We were able to better understand your concerns and were very encouraged at your willingness to consider our approach to solving your waste water discharge being out of compliance to DNR standards.

Our proposal is to place a 1560-gallon tank and our oxygen injection system in a building that West Branch would provide beside or attached to the blower shed at the waste water lagoons. West Branch will also supply a 3 phase 480 circuit and a single phase 120 circuit for use to power our equipment.

The proposal is that within 6 months of operating our micro-bubble machine and adding our enzymes, the discharge from the lagoon will comply to DNR standards. The fee for this project is \$10,000.00 for installation and training plus \$250.00 for each kilo of enzymes. We estimate you may use 30 to 40 kilos of enzymes during this testing period. If at the end of the 6-month period or at anytime during this testing period, you are not satisfied with our performance you may cancel the test and we will remove our equipment and refund the \$10,000.00 project fee. You will be responsible for the cost of all enzymes used during the test.

The \$10,000.00 fee is payable to Todd Baldrige upon your acceptance of this project plan. Cost of enzymes will be billed monthly.

Normally we would remove our equipment after the testing period has been completed but since Todd is a resident of West Branch, we would ask for Todd to have access to the equipment and be able to work with city employees to have access to test results, so he can provide adjustments to the equipment to continue to improve performance. In return for granting this request, we would leave the equipment in place at no additional charge. If you do continue running the micro-bubble equipment after the test period, there are a couple of service options to consider. One would be for you to handle all repairs and motor replacements as needed or we can handle all service, including motor replacements for a fee of \$500.00 per quarter or \$2,000.00 per year.

In summary, we are proposing for \$10,000.00 plus up to \$10,000.00 in enzyme expense we would be able to get you to comply to DNR standards. (with the understanding you would still be responsible to keep the lagoons from freezing over in the winter months. We would work with you, but the lagoon freeze over is not part of our solution during this testing period) Then going forward, you could have an annual expense of \$2,000.00 for service and a projected annual enzyme cost of \$8,000.00 for a total annual cost of \$10,000.00

We look forward to answering any of your questions and working with you on this project.

Sincerely,

Todd Baldrige

Randy Seberg