

BOARD OF PUBLIC WORKS AND SAFETY
DECEMBER 1, 2016
9:00 AM
WORK SESSION

Mayor Shane Evans called the meeting to order.

Roll call was given. Mayor Evans and Member Bradshaw were in attendance. Member Deiwert was absent.

Mr. Michael Turchi of BF&S presented Superintendents Myers and VanSickle and the Board with an update on the design of the wastewater and water expansions.

WASTEWATER:

- BF&S:
 - Has evaluated four options:
 - Oxidation ditch
 - Sequence batch reactor
 - Vertical loop reactor (VLR)
 - Membrane Bioreactor (MBR)
 - Indicated the VLR and MBR are similar on cost
 - Expects the cost to be within one million dollars of twenty million dollars
 - Will recommend the MBR
 - Stated it is more stable in terms of slug loading
 - Stated the ultimate benefit of MBR – when water leaves the plant it is pushed through the membrane and gets rid of the viruses and e-coli which means there is no need for clarifiers.
 - Clarifiers would be repurposed for another process.
 - The difference in price between the previously presented design:
 - IPC reduced loading request
 - Reduction in tankage needed
 - Will not be doing ATAD which creates Class A sludge
 - There may be additional costs in the future in expanding the SR 39 lift station and replacing the force main, but they should be sufficient at the onset of the expansion
 - The capacity, beyond that requested by IPC, is 500,000 gallons of flow a day with domestic loading
 - In the middle of December BF&S will present the city with a report that is 90-100% complete. A meeting will then be conducted with representatives from Indiana Packers Corporation (IPC) and the Carroll County Redevelopment Commission (RDC) to show them the progress of the design

WATER

- BF&S
 - Presented the Board with design Alternative C
 - Hoosier Heartland elevated tank may not be required – depends on a number of items including maintenance on the tank at IPC, fire protection, pressure zones, and need for duplication in case of an emergency.
 - The Armory Road booster station needs to be rehabilitated or replaced.
 - The Union Street water main improvements need to occur as the current sized mains would leak and not be able to handle the pressure coming from a 16 or 20" main from the north.
 - Golf course tank – proposed 2 million gallons of storage eventually in order to ensure the city has sufficient water in case of a problem with the main coming from the north.
 - Mr. Turchi will provide the Board with an expected cost of this proposal.

- It is important to note that this proposal will not include the costs of going from the proposed water treatment plant on Carrollton Road to the wellfield on the north side of the Wabash River – that will be developed soon after this design is finalized.
- Once this design is further developed, Mayor Evans will meet with IPC and RDC to go over its provisions.
- The City should expect the results of the 12" test/production well in the beginning of January 2017.
- Should keep in mind that the Fire Department is erecting a new station in the near future and the Union Street water main improvements could bring a 12" main into their station instead of an 8" main.

Meeting adjourned at 11:04 AM.



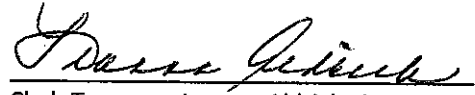
Mayor Shane Evans



Dick Bradshaw



Sam Deiwert



Clerk-Treasurer Leanne Aldrich, Attest