

<b>Date:</b>	<b>Reference No.:</b>	<b>Agenda Item No.:</b>
4/9/2012	Resolution #2012-10	

**Subject:** Sewer & Treatment Plant Master Plan Updates

**Summary of Request:**

Consideration for approval of a transfer of \$100,000.00 in funds from budget line number 606.12.392 (contingency expense) to 606.12.311 (engineering fees) & a transfer of \$30,360.00 in funds from budget line number 606.12.389 (debt service) to 606.12.311 (engineering fees) for the costs to review and update the sewer and wastewater treatment plant master plans.

**Financial Summary:**

<b>Budget Funds Available</b>	<b>If Yes, Amount</b>	\$130,360.00
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

	<b>Line Item Name</b>	<b>Line Item Number</b>
<b>Budget Fund Information:</b>	Contingency Expense	606.12.392
	Debt Service	606.12.389

**Recommend Bid/Contract Amount:** \_\_\_\_\_

<b>Estimated Project Costs: (whole numbers)</b>	<b>Architecture/Engineering</b>	
	<b>Construction/Procurement</b>	
	<b>Contingency</b>	
	<b>Miscellaneous Costs</b>	
	<b>TOTAL ESTIMATE</b>	
	<b>Future Expenses (if any)</b>	
	<b>Revenue Generated (if any)</b>	

**Department Head Approval:** \_\_\_\_\_

**Date:** \_\_\_\_\_

<b>Assistant Town Manager Approval:</b>		
<b>Date:</b>		
<b>ATM Comments:</b>		
<b>Supporting Documentation:</b>		
Report attached		
<b>Action Requested:</b>		
Approval of Resolution 2012-10		
<b>Town Manager Approval:</b>		
<b>Date:</b>		
<b>TM Comments:</b>		

Brownsburg Sanitary Sewer Master Plan & Wastewater Treatment Plant Master Plan Update  
Justification Summary – April 2012

As the treatment plant continues to age and the community continues to grow, it is important to update the town's Sewer Master Plan and Treatment Plant Master Plan. The most recent plant expansion was completed in 2000 raising the treatment capacity from 2.4 MGD (million gallons per day) to 3.5 MGD. The original plant was built in 1987; therefore, a portion of the plant is nearly 25 years old. It is important that Brownsburg continues to be proactive by reviewing and updating the sewer and plant master plans. Both the flow capacity into the treatment facility and the pollutant loading rates are at 80% of the facility's rated capacity. The recent approval to build a new Water Treatment Facility makes it more important than ever that Brownsburg is ready to handle the possibility of additional sewer flows. The combined water treatment capacity will exceed the wastewater treatment capacity putting Brownsburg in a position that the growth will have the water available for their needs, but the treatment may not be available. Each new home that is added to the system averages 300 gallons of discharge per day that needs treated. This gradually increases our flows and uses up our treatment capacity. The treatment facility operators currently maximize the flows during wet weather events as required and normally exceed the design peak flows to the facility to prevent overflows from the new CSO (combined storage tank). The CSO tank stores approximately 1 million gallons of sewage that would have discharged to White Lick Creek in the past untreated. That stored material is now pumped to the treatment plant, so the treatment plant receives more flow now to treat than it did in the past. The separation projects decrease the volume of overflows & number of overflows to the creek. The separation also "frees" capacity in the sanitary lines if the existing lines continued to be used for future sanitary only and allows us to fix bottle necks in the system created years ago. This allows us to better accommodate future growth in some areas.

With updates to the Town's Comprehensive Plan, service areas becoming more defined, existing residential areas changing to commercial/industrial areas (a parcel of property that had little wastewater discharge becomes a restaurant or strip mall for example), storm separation projects being considered, additional local water service available, increased flows being treated that were previously overflowing to waterways, advances in technology, and the anticipated quick increase of sewer customers; it makes sense to review and update both of the plans so that Brownsburg can continue to plan capital projects and is ready to serve quickly & efficiently.

Brownsburg, Indiana

Resolution No. 2012-10

April 12, 2012

RESOLUTION TO TRANSFER FUNDS

NOW BE IT RESOLVED by the Town Council for the Town of Brownsburg, Hendricks County, Indiana that the Clerk-Treasurer makes the necessary transfer of funds within department/fund budget, as follows:

<u>FROM</u>	<u>Description</u>	<u>Amount</u>	<u>TO</u>	<u>Description</u>	<u>Amount</u>
606.12.392	Contingency Exp.	100,000.00	606.12.311	Engineering Fees	100,000.00
606.12.389	Debt Service	30,360.00	606.12.311	Engineering Fees	30,360.00

Adopted this 12<sup>th</sup> day of April, 2012.

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Dwayne Sawyer, President

ATTEST:

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Jeanette M. Brickler, Clerk-Treasurer