

1. Q: Where will the sewers run in the subdivision? Down the center of the streets?  
A: **Our low pressure systems are directionally drilled underground at a depth of about 5' and they will be installed either in the 15' Sanitary, Drainage, and Utility Easement behind the R/W or in the R/W both located on the opposite side of the street of the water main to maintain the states minimum 10' separations requirements. If gravity sewers are installed, the sewers would either be in the road or in easements in the front yards. Plans will be made available for viewing/discussion at the meeting.**

2. Q: Where is the hook-up (tie-in) connection for the sewers?  
A: **All connection points will be staked by the homeowner with the assistance of a CTRWD employee or plumber of your choice. These connection points will be ran to the back of the 15' easement located on both sides of the roadway.**

3. Q : What are the final connection fees? Is that paid to the City of Carmel as they are where the final connection is to be made?  
A: Connection Fees are currently:

**\$1,650.00/EDU Connection Fee**  
**\$100/EDU Inspection Fee**  
**1 Equivalent Dwelling Unit (EDU)= 310 gallons (standard home)**  
**Currently Totaling = \$1,750.00**

**This is paid to CTRWD as we provide service for Carmel west of Keystone.**

**Please refer to question 20 for a further explanation.**

4. Q: Does CTRWD have your own contractor? We would like names of viable contractors.  
A: **CTRWD does not have its own contractor. We follow public bidding laws when we hire contractors. For lateral connections, we recommend you get quotes from 2 to 3 contractors. Below is a list of contractors that have preformed lateral connections and/or installed grinder pumps within our service area. We do not rate or recommend any contractor over another.**

Dave Perry Excavation	317-443-4753
Dotlich Contracting	317-691-6758
Elevation Excavation	317-716-2995
Filson Excavation	317-714-2890
Gravalié Excavation	317-513-1892
Mattingly Excavation	317-507-3490
Miller Pipeline Corp.	317-293-0278
Quakenbush Excavation	317-496-0175
Rishell Excavating	317-714-4255
William J. Ciriello Plumbing Co., Inc	317-787-5391

5. Q: Where would the lift station be located in the gravity sewer option?  
A: **As was preliminarily designed in 2002 it was to be located in the cul-de-sac/right-of-way of Devon Lane. CTRWD does not believe that a liftstation can feasibly be installed at this location.**
6. Q: What do we do with our existing in ground tanks? Do they need to be removed?  
A: **NO they do not need to be removed but they will have to their tops crushed in/removed and they will be filled with granular material. This is a requirement by the Hamilton County Health Department. If ground water is an issue we suggest that the finger system be reused for storm water runoff. (Ex. roof gutters, sump pumps, etc.)**
7. Q: What does the average monthly sewer bill run? And is that payable to the City of Carmel?  
A: **The monthly sewer bill is based upon you average winter month water usage. All residential customers with private wells as their water source pay a flat rate of \$23.84. This rate is based on an average of 7,000 gallons per month. Residential customers with water service provided by Carmel Utilities pay a base meter charge (applicable to the size of the meter) of \$9.56 for meter sizes 5/8" to 1" and a use charge of \$2.04 per 1,000 gallons of water consumed based on their average winter months water usage. This bill would be payable to CTRWD.**
8. Q: What maintenance is the homeowner's responsibility going forward?  
A: **Pump and lateral maintenance. The pumps that are required for a system like this are very robust and the (EONE Pump) representatives state that in a 5-10 year period it is most likely that the only maintenance that needs to be done is replacing of seals and 0-rings which is minor. Lateral maintenance should be void for the most part. The only part that is mechanical on the lateral is the check valve located just off the main. This is one of two check valves installed which is to protect the homeowner from other people's sewage backing up into their pump basin. Gravity Sewer customers are responsible for this as well and these are installed much deeper normally at a minimum of 5' with 25' being the max.**
9. Q: What is the system warranty?  
A: **Contractor provides a 3 year maintenance warranty on the main and lateral stubs or the work that they perform. Pump system warranties vary for both manufactures. EONE issues a 2 year (outside model) and 5 year (basement/crawl model) warranty. Zoeller only installs an outside pump and this is a 2 year warranty. (Please be cautious about warranties as they may be void if the pump is not installed by a licensed plumber.) Also be aware that the warranty may start from the time of installation or the time of purchase. This is important in circumstances where one would decide to purchase the pump as a group and chose to delay the pump installation.**

10. Q: Is there stimulus money available to CTRWD for this project? If so, is there money available for the residents?
- A: **No. The American Recovery and Reinvestment Act of 2009 funneled \$250 million to the Indiana Finance Authority to be used for grants and low interest loans to fund wastewater and drinking water infrastructure projects. The IFA received more than 300 applications totaling over \$2.5 billion. The IFA awarded 43 communities grants or low interest loans. Each community must satisfy programmatic requirements of the State Revolving Fund Loan Program to receive an award. One of the programmatic requirements is an income survey. The grant amount awarded is based upon a community's median household income and applicable user rates. Since the District has low user rates and the community's MHI is well about the upper limit of \$41,567, any project submitted for consideration would receive a very low score.**
11. Q: Is there a tax credit available to the homeowners for sewer installation?
- A: **NO.**
12. Q: Can you provide a turn-key overview of everything a homeowner will need to purchase and contract if this project is implemented?
- A: **We will explain the steps the homeowner must take to get connected to the sewer. CTRWD will inspect the installation of the lateral and pump (if installed) to verify it was installed per standards. Both EONE and Zoeller pumps come in packages that include all of the appurtenances to install the pump. Your contractor should also be aware of what system to install and if they do not, they or the homeowner can call us to inquire.**
13. Q: Can you supply some names of subdivisions where you have installed the low pressure system?
- A: **The Low Pressure Systems is currently being finished in Holaday Hills and Dales (approx. 100 homes) along with Carmel installing Water, St. Andrews Lane in Crooked Stick (approx. 35 homes), Jumper Lane (approx. 5 homes), Hussey Lane (approx. 15 homes), Intersection at and around 116<sup>th</sup> Street and Shelborne Rd. (approx. 27 homes), Intersection and East along 131<sup>st</sup> Street (approx. 4 homes).**
14. Q: What are the terms for payment on this project? What is the interest rate?
- A: **Within 90 days of construction one needs to schedule an appointment with our office and determine a payment plan. You can either pay the construction and permit fees lump sum or you can roll the fees into a 5, 10, 20 year payment plan. You also have the option to wait to pay for the permit**

**fee until you decide to install your pump given the 5 yr pump installation window. Historically there is a 7% interest rate on all payment plans.**

15. Q: Does the whole neighborhood go to the same tie-in for the new sewers? Is this tie-in the same place as the current Springmill Streams homeowners with sewers tie into?

A: **Proposed tie in connection point with the low pressure system is to the Manhole on Brighton Ave which is West of the proposed area yet to be serviced. Each homeowner will have their own tie in/connection lateral and that is located on their property. No not all of the subdivision flow to this manhole and/or liftstation. This flow would be directed to Liftstation #5 contrary to much of the subdivision which flows through LS #4 on Springmill.**

16. Q: In the low pressure system, is the size of tank/grinder determined by the size of house or number of bathrooms? Or is all equipment the same for all homeowners?

A: **Unless you are a business or have an uncommonly large home one size can serve all. Some residents request a larger holding tank but you should contact the product representative to confirm that you need a larger tank.**

17. Q: What is the actual firm up front cost to put the low gravity in place? What would be the time frame? **We are in a recession.**

A: **We will not know these hard up front numbers until we send the project out for bid and actually receive those numbers back. Contractors are really hungry to get work right now and it is a good time to bid projects because the numbers have been coming in rather low compared to when the market wasn't as competitive. Secondly to keep on a tight schedule and allow us the potential to get this project completed this year August 20<sup>th</sup> is when we plan to open bids.**

18. Q: Two families (lot 500 and lot 629) tied in privately to the sewer system. How and where did they do that?

A: **They are both on a private grinder pump/lift station for which they maintain. They run the risk of damage to their 600'-800' lateral runs because we do not locate those when we do locates. They also had to acquire easements on their own to run these systems from their properties and into the gravity system which can cost a lot of money.**

19. Q: Who has the liability for the street lines? What is the home owner's liability? Are we responsible for the line that runs to the street?

A: **Yes these lines that run from the homes are called the laterals and they are homeowner's responsibility but the main line or collector pipe that runs parallel to the road and transmits the mixed waste from all the homes is our responsibility. We will clean and do maintenance as needed on the main and its appurtenances.**

20. Q: Shouldn't the permit fees also be payable to the City of Carmel, who is the owner of the waste water treatment plant that we will "dump" to?

A: **Our Wastewater treatment plant is located on Mayflower Rd. in Zionsville just off of 106<sup>th</sup> and Michigan. We do have a split system where some waste goes to Carmel and some to our treatment plant but we still collect the waste and maintain the facilities that are needed to transmit the waste to Carmel. In the late 1980's and early 1990's, CTRWD purchased 3.08 million gallons per day of treatment capacity from Carmel. We also pay a monthly per gallon fee for treatment at the Carmel wastewater treatment plant (WWTP). CTRWD sends about half of the flow collected within our service area to the Carmel WWTP. The other half is sent and treated at our WWTP located on Mayflower Parkway. Lift Station #2 located at Springmill and 106<sup>th</sup> Street pumps wastewater to our WWTP and towards Carmel's WWTP. Since the flow from Springmill Streams flows to Lift Station #2, your wastewater can end up at either WWTP. Therefore all permit fees are paid to CTRWD.**