

APPENDIX

Unsewered Communities Project Public Involvement Summary Village of Bowersville Greene County Ohio



Background

The Unsewered Communities project sponsored by The Miami Valley Regional Planning Commission (MVRPC) is a formal Feasibility Study looking at five small communities in the Miami Valley area that are served by septic systems that no longer provide adequate wastewater treatment. Environmental and health agencies are concerned about potential for pollution from these systems to harm the environment and human health. MVRPC is partnering with Ohio EPA and Public Health Districts in the Miami Valley to conduct a feasibility Study for each of these 5 high priority communities experiencing environmental and public health concerns due to large concentrations of failing or underperforming home sewage treatment systems. This public involvement summary reflects the public activity, Steering Committee input and responses from the Village of Bowersville.

Public Involvement Summary

Steering Committee Meeting #1

The project was spearheaded with a kickoff meeting held October 20, 2014 at the Bowersville Municipal Bldg. 3192 Marysville St. Bowersville, Ohio, to explain the goals of the project to a group of Steering Committee members. Those in attendance can be found on the sign-in sheet attached to this summary. Discussion topics included: What the Village wanted to see as an outcome to the Study, how the Village feels about having a public sewer system, previous studies done, areas of future growth areas, and areas of special concern with regard to sewer. Questions from the project team were: Have there been any previous studies for providing sanitary sewers? Does the Village currently have public water? Does the Village currently have a utility billing system for its customers? Are there any future growth areas identified within the Village, residential or commercial? Are there any areas of concern that the village would be comfortable discussing? How often would the Steering Committee be willing to meet? Areas included in the study were discussed as well as types of sewer systems considered, types of treatment systems considered and funding source possibilities. Next steps in the process, and a schedule for the next Steering Committee meetings as well as discussing a date for the upcoming public meeting were discussed. Many questions were asked by the Steering Committee members. The questions and responses are included in the attached meeting minutes.

Steering Committee Meeting #2

The next Steering Committee Meeting was held on December 15, 2015 at the Bowersville Municipal Bldg. 3192 Marysville St. Bowersville, Ohio. Those in attendance can be found on the attached sign-in sheet. The goals of the meeting were: To go over the preliminary work that IBI Group had developed up to that point which had generated additional questions for the Steering Committee; to identify potential property for a treatment facility if necessary and answer any questions from the Steering Committee. The intention of the project team was to investigate different treatment and collection alternatives, as well as presenting overall project cost estimates, estimated maintenance and operational costs, and present worth evaluations on different scenarios for the purposes of selecting a recommended plan. The project team reached out to Mayor Michelle Morrison of Port William and found that Port William had interest in regionalizing with Bowersville because they had no public sewage collection system. The questions from the Steering Committee as well as responses can be found in the attached Steering Committee meeting minutes. Sewer systems, treatment

Unsewered Communities Project Public Involvement Summary Village of Bowersville Greene County Ohio



systems, and finance options were discussed in depth. The dates for the next Steering Committee and Public meeting were discussed and established.

Steering Committee Meeting #3

The final Steering Committee meeting was held on March 16, 2015 at the Bowersville Municipal Bldg. 3192 Marysville St. Bowersville, Ohio. A Draft Final Plan was introduced to the Steering Committee with the findings and a recommendation. The committee had been given the opportunity to review, comment, and ask questions on the report recommendations. The review and discussion was in preparation for the upcoming public meeting which was scheduled for June 23, 2015. The Report was also put on line and could be accessed via the MVRPC website. The project area was discussed, sewer systems and treatment systems considered were discussed. Many questions were asked with responses included in the attached meeting minutes. The Village council and Mayor Ellison did not want to hold a public meeting before discussing the issue with Shawn Campbell of Jones Warner Consulting along with more accurate costs/resident for the project.

The recommendation as stated in the Study is: The Village of Bowersville should install a gravity collection system with necessary pump stations and force mains to a new lagoon treatment facility stationed just outside of the Village of Bowersville. The Village of Port William is shown as an option in the funding scenario because if Port William is willing to regionalize with Bowersville, the number of treatment customers will increase and the cost per customer will decrease.

Public Meeting – June 23, 2015

The Public Meeting for the Village of Bowersville – Unsewered Communities project, was held on June 23, 2015 at the Wow Church 5802 E. Xenia St. Bowersville, Ohio. Due to low attendance of actual Bowersville residents, the format of the public meeting was structured more for the communication between Steering Committee members, Project team, and Government representatives. Mayor Michelle Morrison of the Village of Port William gave a brief update on the status of their quest to get a public sewer system. Port William is in favor of having a public sewer and would like to regionalize with the Village of Bowersville. However, members of the Steering Committee indicated that Bowersville is not in favor of having a public sewer system based on the estimated costs of the system. Five copies of the Study were provided for the attendees to review and financing possibilities were discussed. Announcements and public notices for the June 23rd public meeting are attached.

Next Steps

If the County decides to move forward, the following items should be addressed:

1. Ongoing discussions with Port William is recommended.
2. Hire an Engineering firm to coordinate with Funding Agencies, survey the area, design the project, and secure EPA permits.
3. Continue to keep the public informed.

**Unsewered Communities Project
Kick-Off Meeting Agenda**

**Village of Bowersville, Greene County, Ohio
October 20, 2014**



Thank you for allowing us the opportunity to meet with you and discuss the development of a report for wastewater collection and treatment planning for your community.

As you may know, the Village of Bowersville has been identified as a Localized Area of Concern through the Greene County Health District, Greene County Soil and Water Conservation District and Ohio EPA and is noted in the MVRCP *Areawide Water Quality Management Plan* as such.

MVRPC has contracted with IBI Group in the development of a General Plan for your community (at no cost to Bowersville). IBI Group (formerly M•E/IBI Group) has worked closely with numerous communities like yours guiding them through the rigors of developing a cost-effective plan and implementing the plan through construction and start-up. The development of a General Plan does not commit you to installing with a public sewer system. It does, however, provide you with potential alternatives, cost estimates, a funding plan, and schedule should you decide as a community that a sewer system is in its best interest and want to proceed further with engineering design and funding applications.

Introductions/Steering Committee Members:

IBI Group / Burton Planning Services:

Keith Doll, P.E., Project Manager 635 Brookside Blvd. Westerville, OH 43081 (614) 818-4900 keith.doll@ibigroup.com	Nicole Clune, P.E., Planning Director Burton Planning Services 252 Electric Avenue Westerville, OH 43081 nclune@burtonplanning.com
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MVRPC:

Matthew Lindsay, Manager of Environmental Planning One South Main Street, Suite 260 Dayton, OH 45402 (937) 531-6548 mlindsay@mvrpc.org	Kjirsten Frank Hoppe, Regional Planner II One South Main Street, Suite 260 Dayton, OH 45402 (937) 531-6548
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Bowersville:

Gary Ellison, Mayor 3192 Maysville St., P.O. Box 306 Bowersville, OH 45307 (937) 453-2470 g.elly@outlook.com	Shawn Campbell Jones-Warner Consultants (937) 704-9868 8401 Claude Thomas Rd., Suite 51 Franklin, OH 45005 jwci@joneswarner.com
Ray Deyo, Council President (937) 453-2289 villageofbowersville@yahoo.com	Robert Schmucker, Council Member villageofbowersville@yahoo.com

Regulatory Agencies:

Mark Isaacson Greene County Health District 360 Wilson Drive Xenia, OH 45385 (937) 374-5609 misaacson@gcchd.org	Ron Ware Ohio EPA 401 E. Fifth Street Dayton, OH 45402 ron.ware@epa.state.oh.us
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Questions to assist us:

The following is a list of general questions to help us get started with the study:

- What would you want to see as an outcome to this study / what is important to you? How do you feel about a public sewer system in Bowersville?
- Have there been any previous projects in the Village where mapping or plans are available for review? Waterline projects / Roadway projects?
- Have there been any previous studies for providing sanitary sewers? Are these available for review?
- Does the Village currently have public water? If so, who is the provider?
- Does the Village currently have a billing system for its customers? i.e. water & storm sewer.
- Are there any future growth areas identified within the Village? i.e. future residential community or commercial project.
- Are there any isolated problem areas or pockets of concern that you can discuss? i.e. sewage smell on a particular street.
- How often would the Steering Committee prefer to meet? Dates & Times?

Next Steps?

- We will be coordinating with Ohio EPA, Greene County Health District, Greene County Sanitary Engineer, Greene County Soil & Water, MVRPC, and the Village of Bowersville to collect as much data as we can.
- We will make several field visits to take notes and gather information
- Monthly (or as necessary) Steering Committee meetings to update progress
- A draft General Plan will be provided for review and comment
- Public meeting (at your discretion) to present to residents
- Final General Plan Developed
- Submit final plan to EPA

What does a General Plan Consist of?

The following is a draft outline of what may be included in your General Plan:

<p>1. Executive Summary Alternatives Considered Conclusions Implementation</p> <p>2. Introduction Background/Objective Scope/Planning Area Methodology</p> <p>3. Existing Conditions Planning Area Existing Wastewater/Water Systems Environmental: Geology & Hydrology, Soils, Topo, Water Quality, Wetlands, Flood Hazard Area Land Use & Zoning Populations</p>	<p>4. Future Conditions Land Use / Development Population Projections Projected Wastewater Flow and Loadings</p> <p>5. Wastewater System Alternatives Alternative 1: Cost / Layout Alternative 2 (if necessary): Cost / Layout Alternative 3 (if necessary): Cost / Layout</p> <p>6. Selected Plan Cost Summary</p> <p>7. Implementation Funding Schedule</p>
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Unsewered Communities Project Kick-Off Meeting Minutes

Village of Bowersville, Greene County, Ohio
October 20, 2014



Attending: See attached sign-in sheet.

Meeting Minutes:

Keith Doll introduced began. The purpose today is to meet and greet, get a better understanding of what the village would like to see as part of the study. IBI will offer different sanitary solutions for the village. It is up to the village to move forward from there. OEPA will be a provided a copy of the study.

-Introductions around the room-

Open discussion:

- A sewer system was looked at 20-30 years ago. Jim Jones has the 201, will share it. Jones-Warner is the village engineer for Bowersville, has been for the last 20 years.
- They do have a public water system, run and operated by the village. Bowersville shares Jamestown's plant operator- Steve Haines. Non-metered system, flat rate.
- What would be your concerns? Port William, Clinton – if we could plan a system tied together; would it work, being in different counties? Clinton County commissioners study done by IBI (when considering casino options – 68 interchange). IBI also looked at Port William w various collection and treatment systems – decentralized treatment option, R&L facility (private system w/public customers). Port William is 4-4.5 miles away, and something to consider with about 125 homes. Bowersville – 135 homes.
- Poggemeyer did a preliminary study & serious talks about Bowersville & Port William, but went about half way and fell off.
- Clinton County is aware of this study and would like to be kept in the loop. IBI will reach out to Port William.
- Port William vs. Jamestown, 5 miles up the road.
 - Port William has no city water (all well and septic).
 - Need streams for a water treatment facility.
 - Port William – Anderson Fork/Grog Run streams.
 - R&N facility has a controlled discharge option – have an effluent line toward Anderson Fork (crosses under 68). They have the NPDES permit due to the controlled discharge line – they no longer land-apply.
- IBI looked at collection systems for the village, based on arials and topos: could be gravity sewer system. Would like to look at other options septic tank pump systems becoming more available (grinder pump systems). Grinder pump at each home then a pressurized system. Lower construction cost but may maybe higher operation/maintenance costs. Would like to evaluate more options.
- Are there any future growth areas identified within the Village? i.e. future residential community or commercial project. There might be some residential. The school (church owns it) may want to annex. Edge of town have talked about annexing in. Village already provides water to them. Could be 20-30 home growth. No municipal tax.
- Are there any isolated problem areas or pockets of concern that you can discuss? i.e. sewage smell on a particular street. Not aware of any. Had some rainwater.

- Schedule for the project: July 15th, 2015 deadline. IBI would like to accelerate. This community, of the 5, has started first.
- How do you feel about a sewer system? Would like to look at funding scenarios that would provide the village options. Village would like that. Over 2/3 of the village are poverty level/fixed income. IBI has worked with numerous communities just like Bowersville. There is funding potential for those community types. The seniors will be wanting to know what their monthly bill will be. IBI would develop this to consider operation & maintenance as well as construction. Village's main concerns – what are our options and what does it cost?
- Last time the locals were told “this is free”, but the public was misled. Be up front with them, be able to tell the public just how much it will cost them. What they expect out of this – they know it will upgrade their house, but have the people in town that just can't afford it. Grinder pumps at Shawnee Lake – Greene County takes good care of it (agreement between County and Jamestown).
- An area in the village, but no current streets – all private access roads. How will that be handled? Everything would have to be brought up to village standards. The private individual needs to bring it up to standards. “Gail's place, southern end of town.”
- How often would the Steering Committee prefer to meet? Dates & Times? Is there a schedule you'd like to adhere to? Bi-monthly or as-needed. Will there be an open forum for the people in the village? IBI – good idea, once we get a good draft of the study. Think the people ought to know what's going on. Once you have dollar signs to show. But make sure
- Public outreach – do you have methods for reaching out to the entire community? Location for the meeting? Fire hall or church annex. Bulletin board at gas station, facebook page, post office. The Village will put the word out to the public.

Next steps – IBI will get in contact with OEPA, health department, Greene County, etc. IBI will make several field visits, more detailed notes & such. Businesses, residents' locations. The IBI plan won't get to the level of detail of specific utility avoidances (that would be detailed design).

Next Meeting – December 15th, after a council meeting, 3rd Monday of the month, after 7:00 council meeting.

OEPA Changes:

- Ned Sarle (937) 285-6096 will have Greene County starting January 2015.
- Sandy Leibfritz (937) 285-6104 will have Clinton County starting January 2015.



Project Name: MVRPC Unsewered Communities Project Meeting Date: October 20, 2014, Steering Committee #1
 Project Number: Village of Bowersville, Green County Meeting Time: ~7:30 PM, after council meeting
 Meeting Location: Bowersville Senior Center, 3192 Maysville Street

PLEASE SIGN IN

NAME	TITLE / ORGANIZATION	E-MAIL / PHONE	INITIAL
1. Matthew Lindsay	Manager of Environmental Planning, MVRPC	mlindsay@mvrpc.org / (937) 531-6548	<i>ML</i>
2. Kjrستن Frank Hoppe	Regional Planner II, MVRPC	kfrank.hoppe@mvrpc.org / (937) 531-6548	
3. Ron Ware	Ohio EPA	Ron.ware@epa.state.oh.us / (937) 285-6098	<i>RW</i>
4. Keith Doll, P.E.	Project Manager, IBI Group	Keith.doll@ibigroup.com / (614) 818-4900	<i>KD</i>
5. Nicole Clune, P.E.	Planning Director, Burton Planning Services	nclune@burtonplanning.com / (419)305-0144	<i>NAC</i>
6. Mark Isaacson	Green County Health District	misaacson@gcchd.org / (937) 374-5609	
7. Gary Ellison <i>GE</i>	Mayor, Village of Bowersville	g.elly@outlook.com / (937) 453-2470	
8. Ray Deyo <i>RD</i>	President, Village Council	villageofbowersville@yahoo.com / (937) 453-2289	
9. Robert Schmucker <i>RS</i>	Village Council	villageofbowersville@yahoo.com	
10. Shawn Campbell - <i>Jim Jones</i>	Jones-Warner Consultants	jwci@joneswarner.com / (937) 704-9868	<i>SPX</i>
11.			
12.			

**Unsewered Communities Project
Steering Committee Meeting Agenda #2**

**Village of Bowersville, Greene County, Ohio
December 15, 2014**



Introductions/Steering Committee Members:

IBI Group / Burton Planning Services:

Keith Doll, P.E., Project Manager 635 Brooksedge Blvd. Westerville, OH 43081 (614) 818-4900 keith.doll@ibigroup.com	Nicole Clune, P.E., Planning Director Burton Planning Services 252 Electric Avenue Westerville, OH 43081 nclune@burtonplanning.com
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Gary Ellison, Mayor 3192 Maysville St., P.O. Box 306 Bowersville, OH 45307 (937) 453-2470 g.elly@outlook.com	Shawn Campbell / Jim Jones Jones-Warner Consultants (937) 704-9868 8401 Claude Thomas Rd., Suite 51 Franklin, OH 45005 jwci@joneswarner.com
Ray Deyo, Council President (937) 453-2289 villageofbowersville@yahoo.com	Robert Schmucker, Council Member villageofbowersville@yahoo.com

Regulatory Agencies:

Mark Isaacson Greene County Health District 360 Wilson Drive Xenia, OH 45385 (937) 374-5609 misaacson@gcchd.org	Ron Ware (thru Dec '15) Ohio EPA 401 E. Fifth Street Dayton, OH 45402 ron.ware@epa.state.oh.us	Ned Sarle (starting Jan '15) Ohio EPA 401 E. Fifth Street Dayton, OH 45402 (937) 285- 6096 Ned.sarle@epa.state.oh.us
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Project Updates:

We are continuing to evaluate collection and treatment alternatives for the Village. At this time, we do not have final cost estimates to present or a recommended plan.

We have made contact with Mayor Michelle Morrison in the Village of Port William (Clinton County). Port William is interested in the possibility of regionalizing with Bowersville as they also do not have a public collection system.

No contact has been made with the Village of Jamestown yet to determine their interest in accepting wastewater flows from Bowersville. Unsure of this as a realistic possibility.

We are investigating four different collection alternatives (Gravity Sewers, STEP Sewers, Grinder Sewers, and Vacuum Sewers), four different treatment alternatives (Extended Aeration, Lagoon, Packed Bed Media Filter, and Regionalization), and three different dispersal alternatives (Stream Discharge, Spray Irrigation, and Subsurface Drain Field).

When combining all possible scenarios given the collection, treatment, and dispersal options, there are dozens of possibilities for Bowersville alone (and doubled when we consider the regionalizing alternative). Some treatment systems are better suited for specific collection systems or dispersal systems, thus eliminating some possible combinations, but we intend to present overall project costs, operational & maintenance costs, and present worth evaluations on multiple scenarios for the purpose of selecting a recommended plan.

We would like to go through the attached Decision Matrix exercise to help us understand Bowersville's priorities beyond cost. This includes concerns regarding operation & maintenance, regulatory compliance, control of the system, and schedule.

As mentioned, we do not have hard numbers (estimates) for alternatives. We have, however, prepared the attached PRELIMINARY funding scenario for a couple alternatives – a treatment system in Bowersville and regionalizing with Port William. We show worst case and best case based on an approximate construction cost and operational cost for different funding scenarios. This is very rough at this time but may give you an idea of what you might expect as the study proceeds.

Other Discussion Items:

Potential treatment facility discharge locations – we are looking at Love Run to the west of Bowersville and Anderson Fork Creek near Port William.

Existing soil absorption systems (leach fields) within and around Bowersville – good drainage?

Potential property identification for potential treatment facility – We've identified a number of large parcels and would like your input on preliminary site selection for facility. Size would need to vary based on treatment type.

Typical property costs per acre in the Bowersville vicinity for estimating purposes? \$X/acre

The school property was mentioned as potential growth area at the initial meeting – approximately 20-30 homes. Any further developments or potential?

Next Steps:

We would like to have a final draft plan with estimates and recommendations for the next Steering Committee meeting and then follow up with a public meeting at your discretion.

Date for next Steering Committee meeting? _____

Unsewered Communities Project Steering Committee Meeting #2

Village of Bowersville, Greene County, Ohio
December 15, 2014



Attending: See attached sign in sheet.

Meeting Minutes:

Matt Lindsay, with MVRPC, opened. This is our second steering committee meeting for the Village of Bowersville as part of the Unsewered Communities project. The purpose of this meeting is to discuss the plans for sewage design options for the community as a whole.

-Introductions around the room-

Open Discussion:

- Mr. Lindsay: Keith Doll passed out the agenda for today's meeting. Mr. Doll is going to go over the work that they have completed. Then, there is going to be an exercise to determine the priorities of the village.
- Mr. Doll: Doesn't have any answers tonight for costs and recommendations, but has some additional questions. He will explain certain aspects that IBI Group is looking into for the Village, and will work with this Committee to determine if they are going in the right direction. Looking at some alternatives, including the possibility of regionalizing with other local communities. Last week Mr. Doll talked with the Mayor of Port William about regionalizing with Bowersville. If these types of alternatives are not considered we wouldn't be doing our due diligence. Port William is in a different county, so funding may not be similar to Bowersville's.
- There are four different types of collection systems that could be considered.
 - Gravity Sewer, STEP system, Grinder Sewer System (similar to Shawnee Lake), and Vacuum Sewer Systems (though not very many in Ohio).
- We are going to look at four different treatment systems:
 - Mechanical Plant, Lagoon, Packed Bed Media Filter System (3 applications of this in Ohio, decentralized sewer system, non-traditional) becoming more common, and regionalizing.
 - Packed Bed – currently looking at this for a community in Perry County. The closest one currently is located within Christiansburg in Champaign County –their system is going online now.
 - Regionalizing (using one of the previous 3 systems to a larger scale or connecting to an existing system)
 - Considering Jamestown, Port William (Not had much success with contacting Jamestown).
 - We can talk about these systems if you want, or we can wait until we have the final report more put together.
 - For Jamestown, Bowersville would have a collection system and then it would be pumped to Jamestown with a fee to residents.
- Dispersal systems – typical stream discharge, spray irrigation, a type of leach field on a considerably larger scale (requires a lot of land and ground conditions need to be right). We are still evaluating this.
- Leach system: How are ground conditions? A: Not bad. Several years ago, Bowersville received a grant to manage street water, which has helped out a lot.
- Mr. Doll showed two visual exhibits of different systems.
 - Looking at project cost and run.
 - IBI will conduct an analysis to pick a potential solution for the village.
- Mr. Doll is hoping to go through an exercise - a Collection & Treatment System Decision Matrix with criteria that will help IBI and the Village identify what is important to the Village and come to some

solutions. The best solution for the Village may not be the lowest cost, but it will help IBI identify what the Village thinks is important.

- Criteria:
 - Low cost to the customer. 25% weight.
 - Future operation and maintenance cost. 15% weight.
 - Future operation and maintenance w/ Staff Involvement. 10% weight.
 - Bowersville control of system. 10% weight. Measure how important it is for Bowersville to have full control of the collection treatment facility.
 - Future growth of the service area. 10% weight. To consider whether the Village wants to be able to expand for long term future service.
 - Timeframe for completing the project. 10% weight. Longer time frame provides more time for grant pursuit.
 - Minimal disruption to customers during construction. 5% weight. Determines how important it is to the Village to minimize construction inconveniences.
 - Ongoing permitting requirements. 5% weight. *Later eliminated this criterion.*
 - Location of the treatment facility. 5% weight.
 - Environmental issues / disruption of farm land. 5%
- Weighted System (some criteria are considerably more important than others). We can adjust the weight or eliminate it all together. Rank 1-4, with 4 being the highest importance.
 - Low cost to customers: 4
 - Future operation and maintenance cost: 4
 - Depending on the type of collection and treatment system, there could be a higher cost.
 - A Gravity System will be a lower cost than a Pumping System. Treatment systems, some have higher O&M costs than others.
 - Mayor: Bowersville has a 2/3 poverty level anyway. Anything related to cost will be very important.
 - Future O&M with Staff Involvement: 3
 - A water system is currently shared with Jamestown
 - Doesn't the County own the sewage collection system, which discharges into the village of Jamestown for treatment, which then discharges into Shawnee Lake? We do not currently know what kind of thoughts they have – the present sanitary engineer won't be interested in expansion because there are not enough customers to support it.
 - The Mayor would rank this 2-3 because they are confident that they can work with Jamestown on this. Having trained staff is a cost as well. Council – will go with a 3.
 - Control of System. 2
 - Mr. Doll: How does Bowersville feel about absolute control of the system? One of the ideas we will look at is regionalizing with Port William (a shared facility).
 - Mayor – no concern with partial control. Lower number – 2
 - Future growth of the service area: 1
 - Mr. Doll: You want the system designed to handle any immediate future growth (around the school can handle another 20-30 hours), but for the intersection of 72 & 71, how important is it, from more of a regional standpoint, growing into more of a regional system?
 - Mayor: farmers are very concerned about giving up any land. More interested in serving more of the current residents.
 - Timeframe for completing the project: 1
 - Mr. Doll: Assuming you have a plan moving forward, and you want to move forward with it quickly?
 - Mayor: Take our time and find every penny available to use. (1)
 - Minimal disruption: 1
 - Mr. Doll: For, say, a Gravity Sewer System, excavation could be 15' deep, slower and larger disruption than a STEP System, which is more like a 2-4" line that follows the ground and can be put in using trenchless methods (directional boring) with very low

- disruption. If Bowersville had an historic district /homes/ brick streets, etc., it may be more important to you.
- Council question: All the houses are close to the street and the town is full of 10' alleys. Would this be a good place to run a line without too much disruption? Mr. Doll: Using alleys still requires disruption to the fronts of lots.
- Is minimal disruption critical? Willingness to accept the disruption of streets for several months, is this acceptable with you?
- Mayor: if we can save a lot of money doing it, then the disruption is worth it. (1)
- Operational Permitting Requirements:
 - One of the things that we may look at (Jim may have some comments) is a soil absorption system, if it would work out and we had enough land. If we're looking at something like this, then the Village would not go through a NPDES permit.
 - OEPA – we've done on-site systems with limits of no more than 7-8,000 gallons per day.
 - IBI – 50,000 gallons a day and not sure it would be possible.
 - OEPA – we'd have to look into that, concerned with all the flows concentrated into one area, groundwater resources that are used for individual drinking water, it would be a big concern. On the other hand, (EPA), running a package plant, from a regulatory standpoint, is pretty straightforward.
 - Challenge- finding a suitable discharge location at a headwater stream with 5:1 discharge –to wastewater. In the immediate area all headwater streams tend to run dry during the summer.
 - Mr. Doll: Love Run seems like it doesn't have much flow at all (southwest of the Village toward the cemetery). Anderson Fork (fairly far away) is the other stream to be considered. That is the reason a subsurface approach is a possibility. Will need class 1 and 2 operators for a mechanical plant, whereas a leach system wouldn't have that. May cross this out altogether.
- Does the location matter for treatment facility? 1
- Mr. Doll: We had mentioned farmers are protective of their land. Are there potential sites IBI can look at? IBI is looking at a collection system within Bowersville and considering a treatment facility out by Love Run or a treatment facility in the Port William area as well. Anderson Fork will have better effluent requirements.
 - IBI identified some of the property owners in the Love Run area: Von Oderhausen, Turner family, Roger Lynn Martin, John Zeller, and Theresa Shoemaker (Village property owners know these people).
 - Council: The only potential area they know of right now is where Mike Sutter lives (20 acres). It is for sale now and will not go cheap. Land does not go cheap around here. Once people find out what you want to do, the price will go significantly higher.
- The Village's problem now – we don't own the land that our water supply comes from. We have only a lease on the land for where our water supply comes from. Luckily, the owner does not farm it any more, but it always seems to be a problem because the Village is relying on people to help out.
- IBI will include property for estimating. Provide an approximate per acre cost? Village: Flat-out farmland: \$8-\$9,000 per acre.
 - The amount of land needed for a Soil Absorption method could need 5 acres if soil is good and 20 acres if soil is poor.
 - The amount of land needed for a Stream discharge is basically the footprint of the plant itself (mechanical plant) with buffers around it 2-3 acres.
 - The amount of land needed for a Lagoon system – 10 acres potentially.
- For purposes of the study, IBI may pick an arbitrary location for the purpose of the report, and as the Village goes further into the detail design, they will need to nail down a location.
 - EPA: if we go with a land application system, the land can then be farmed (crops not used for human consumption) can also occur. There is an income that can be generated. Problem with land application is that there is a need for a storage lagoon system for 90-120 days.
- Environmental issues / disruption of farmland: Soil absorption system/spray irrigation will disrupt farmland and would not be able to use the land human consumption. But if purchasing property, may

not be an issue. Environmental issues within the Village itself (is this a major concern within the village)?

- Disruption of farmland: it would depend what size we are talking about. We can't answer this one. Concerned with the cost of agricultural land. Loss of farmland will be a tough one, or the Village will have to pay for it.
- Port William: Has some farmers that are stubborn, but some of the people may step back in the effort of benefiting the communities. For Bowersville, most of the people coming around here are from out of town.
- Port William Police: 12-14 years ago – a local owner was willing to sell a piece of their property (Dan Olberding) for a plant that time. His son farms the land now.
- Result of the Collection & Treatment System Decision Matrix: Cost is the most important factor.
- Mayor: The final option is going to be “do we have any legitimate, viable, potential funding areas?” What viable grant do they have that they can go after?
 - The Village does not want to pay a loan of any interest rate because the people don't have it. It would have to be viable.
 - Q: do some of these designs have different funding sources than others? Mr. Doll – No. One component is regionalizing and it generally scores better in funding applications. He would consider all funding options.
- Mr. Doll prepared a preliminary funding plan for the Village to help them see the potential for funding scenarios to give the Village a sense of the funding possibility.
 - Collection & Treatment system for Bowersville vs. Regionalizing with Port William and worst-case and best –case for each. Estimating on a project cost of \$2.5 mil for Bowersville and \$3.5 million for regionalizing (increased size, etc.). Feeling these numbers are conservative (on the higher size), adding \$30,000 for Bowersville and \$40,000 for regional annual operation and maintenance cost. The approximate funding plan:
 - Worst case (all OWDA loan money with 2% interest rate). Debt payment per month per customer \$62 and O&M that adds another \$17, 79% per month.
 - Full funding (CDBG OPWC, local funds (\$3,000 connection fee per customer), OWDA loan) – roughly \$38 per month per customer.
 - Regionalizing with Port William: Worst-case scenario \$63 per month and best \$29.5 per month.
- Hardship grants available? Bowersville would be eligible for a 0% loan for EPA funding. Mr. Doll is not sure if they would be eligible for principal forgiveness. Mr. Doll feels the Village can get better terms based on the fact that the village is 50% LMI (needs to be 51% for LMI funding).
- OEPA: encourages communities to get ahold of DEFA (Division of Environmental and Financial Assistance) with low or modest interest rates. This group is always talking other funding resources to provide the best funding package for communities. DEFA has principal forgiveness. Ultimately, Bowersville has gone through this process a couple of times, but have not committed.
- Port William: does not currently have a water or sewage system in place. We will apply for an OWDA loan for a study for water and sewage. They are looking to spur economic growth as well as maintain customers. With the current lot size in Port William, each year they are losing houses due to septic and well water lot size concerns. It's nearly impossible to open a restaurant with today's standards. Economic growth is really difficult with these challenges. Close to the interchange with 68 & 71, they could grow into that area and really spur economic development. Three years ago, the Port William Mayor toured Bowersville's water system and considered working with them. Port William is interested in what Bowersville pursues and wants to consider an approach that benefits both communities.
- Q. Is a Regionalized System 1 or 2 facilities?
 - 1 facility. The plant would likely be closer to Port William due to the location of Anderson Creek.
- Village: I'm all for growth, but then again you still have to look at the people around me. For me, I'd be silly to say I wouldn't want to have a sewer come past my house. But we have to look at everybody and consider his or her situation. We have to tell people that their property values will increase with the sewage system. Some people say they want to go with a mound system, but if they can't afford to fix what they have, how can they afford a mound system?

- What you have shown us is realistic, but we have to think about the other people in town.
- FHA has some funding that is available. CDBG funding is available to some residents as well. IBI has been successful with locating the funding for villages. Linda Bailiff (OPWC) and discussed Bowersville with Mr. Doll. She attended the SCIG meeting (where a lot of the funding agencies get together) last Friday and intended to bring up these types of issues.
 - He asked Ms. Bailiff about the possibility of regionalizing. Potential disadvantage: Bowersville and Port William each are going for grants and loans for their systems and only one community obtains the funding. Potential advantage: Bowersville and Port William being located in different counties could increase loan potential. Mr. Doll will relay funding information as he learns about them. Village- that will help out a lot.
- If there was a gravity sewer – major collection on SR72 and continuing west on Hussey out to where the school was. Lowest point to the west, and from that point there would be a pump station that would go “wherever” (Port William, Jamestown).
- STEP System: same alignment as a gravity sewer
- The Mayor identified the location of all the alleys in town on the exhibit IBI provided.
 - IBI – problems with alleys is we may need to double the pipe if we are using the alleys. Those are the aspects that you really need to weigh out.
- Gravity Sewer – run down the street because the pipe is expensive to install (\$80-\$100 per foot).
 - \$18 per foot for STEP system. In that case you can afford to have a line up each alley.
- Another arbitrary location would be in the Port William area, close to the Anderson Fork, whether it’s on the SE side of the village or in the SW quadrant. It just depends on where you can find suitable land and a property owner willing to negotiate.
- Another option: Bowersville up to Jamestown – 5.5 miles (pretty far). Should show this as an option, but IBI has not been able to speak with anybody that represents the Village in this area.
- Biggest challenge will be working with the people of the community. The Village wants to take their time and find every bit of funding available.
- **Next Meeting: MARCH 16, 2015, 7:00 p.m. after the council meeting.**
- Village thinks it would be a great thing to regionalize with Port William to help save money to each of the customers. “Regionalizing is about the only way to go.”
- If considering a STEP system with a grinder pump: Need to make sure each household is adequately supplied with electricity. A 60-amp service has to be upgraded to be able to get the grinder in. This will have to be a consideration. IBI would like to see each property with its own system. There are problems when properties share systems.



Project Name:

MVRPC Unsewered Communities Project

Meeting Date:

December 15, 2014, Steering Committee #2

Project Number:

Village of Bowersville, Green County

Meeting Time:

After the 7:00 council meeting

Meeting Location:

Bowersville Senior Center, 3192 Maysville Street

PLEASE SIGN IN

NAME	TITLE / ORGANIZATION	E-MAIL / PHONE	INITIAL
1. Matthew Lindsay	Manager of Environmental Planning, MVRPC	mlindsay@mvrpc.org / (937) 531-6548	<i>ML</i>
2. Ned Sarle	Ohio EPA, Southwest District Office	Ned.sarle@epa.ohio.gov / (937) 285-6096	<i>ES</i>
3. Ron Ware	Ohio EPA, Southwest District Office	Ron.ware@epa.state.oh.us / (937) 285-6098	
4. Keith Doll, P.E.	Project Manager, IBI Group	Keith.doll@ibigroup.com / (614) 818-4900	Present
5. Nicole Clune, P.E.	Planning Director, Burton Planning Services	nclune@burtonplanning.com / (419)305-0144	<i>NCL</i>
6. Mark Isaacson	Green County Health District	misaacson@gcchd.org / (937) 374-5609	<i>MI</i>
7. Gary Ellison	Mayor, Village of Bowersville	g.elly@outlook.com / (937) 453-2470	<i>GE</i>
8. Ray Deyo	President, Village Council	villageofbowersville@yahoo.com / (937) 453-2289	<i>RD</i>
9. Robert Schmucker	Village Council	villageofbowersville@yahoo.com	<i>RS</i>
10. Jim Jones	Jones-Warner Consultants	jwci@joneswarner.com / (937) 704-9868	<i>JW</i>
11. Michelle Morrison	Mayor of PortWilliam	<i>Michelle Morrison (937) 486-1359</i>	<i>mm</i>
12. Jarrod Deyo	Village Administrator	<i>(937) 673-6168</i>	<i>JD</i>



NAME	TITLE / ORGANIZATION	E-MAIL / PHONE	INITIAL
13. <i>Marcie Borchers</i>	IBI Group		Present
14. <i>ARTHUR MORRISON</i>	Police Chief, Port William		Present
15.			
16.			
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**Unsewered Communities Project
Steering Committee Meeting Agenda #3**

**Village of Bowersville, Greene County, Ohio
March 16, 2015**



Introductions/Steering Committee Members:

IBI Group / Burton Planning Services:

Keith Doll, P.E., Project Manager 635 Brooksedge Blvd. Westerville, OH 43081 (614) 818-4900 keith.doll@ibigroup.com	Elvin Pinckney., Planning Director Burton Planning Services 252 Electric Avenue Westerville, OH 43081 epinckney@burtonplanning.com
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MVRPC:

Matthew Lindsay, Manager of Environmental Planning One South Main Street, Suite 260 Dayton, OH 45402 (937) 531-6548 mlindsay@mvrpc.org	Kjirsten Frank Hoppe, Regional Planner II One South Main Street, Suite 260 Dayton, OH 45402 (937) 531-6548
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Bowersville:

Gary Ellison, Mayor 3192 Maysville St., P.O. Box 306 Bowersville, OH 45307 (937) 453-2470 g.elly@outlook.com	Shawn Campbell / Jim Jones Jones-Warner Consultants (937) 704-9868 8401 Claude Thomas Rd., Suite 51 Franklin, OH 45005 jwci@joneswarner.com
Ray Deyo, Council President (937) 453-2289 villageofbowersville@yahoo.com	Robert Schmucker, Council Member villageofbowersville@yahoo.com

Regulatory Agencies:

Mark Isaacson Greene County Health District 360 Wilson Drive Xenia, OH 45385 (937) 374-5609 misaacson@gcchd.org	Ned Sarle Ohio EPA 401 E. Fifth Street Dayton, OH 45402 (937) 285- 6096 Ned.sarle@epa.state.oh.us
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Project Updates:

- We posted a copy of the Final Draft Sewer Feasibility Study online on March 6, 2015 and have brought several copies to tonight's meeting as well. The document can be found online at <http://mvrpc.org/environment/water/unsewered>.
- Hopefully, everyone has had an opportunity to review and develop a list of questions for discussion tonight.
- If revisions are necessary after tonight's meeting, we will address them quickly in preparation of holding a public meeting for presenting to residents.

General Summary of Report and Findings:

- We had evaluated several collection system alternatives including:
 - Gravity Sewers
 - STEP Sewers
 - Grinder Pump Sewers
 - Vacuum Sewers
- We had also evaluated several treatment system alternatives including:
 - Extended Aeration Treatment Plant
 - Lagoon Treatment System
 - Packed Bed Media Treatment System
 - Transporting wastewater to Jamestown for treatment
- With the first three treatment alternatives, we evaluated for Bowersville only and then evaluated these alternatives including the Village of Port William as well.
- Construction costs and Operation and Maintenance (O&M) costs were developed for each collection and treatment alternative. We then developed a 20-year present value for each possible scenario. Present values are widely used in engineering economics to provide a way to compare costs at different times on a "like to like" basis. It is a present value for a future series of payments which are the O&M costs.
- The attached table summarizes the costs and present values of each option.
- The alternative with the lowest present value is the construction of a gravity sewer system with a lagoon treatment system.
- If Port William joins in the treatment system, the average cost per customer is lower.

Next Steps:

Public Meeting

- Date, Time, Location?
- How to get the word out?

Upon holding a public meeting and presenting a final report to Bowersville, MVRPC, and Ohio EPA, our portion of the project will be complete. It will then be up to the Village of Bowersville to decide whether or not to pursue funding opportunities and begin engineering design work.

IBI Group can certainly assist Bowersville in these services should you decide to continue moving forward.

This table shows the average monthly cost per customer in order for the Village of Bowersville to construct and operate a wastewater collection and treatment system. The first option shown includes Bowersville only and the second option accounts for the lower treatment option if Port William shares the cost of a treatment system.

			BOWERSVILLE ONLY	BOWERSVILLE W/ PORT WILLIAM
CUSTOMERS/EDUs			155	155
PROJECT COST- Collection System			\$ 2,186,617	\$ 2,186,617
PROJECT COST- Treatment System*			\$ 930,600	\$ 781,740
TOTAL PROJECT COST			\$ 3,117,217	\$ 2,968,357
ANNUAL O,M&R			\$ 30,900	\$ 30,900
FINANCING				
CDBG Formula Grant			\$ 50,000	\$ 50,000
Residential Public Infrastructure Grant			\$ 480,000	\$ 480,000
OPWC Grant			\$ 400,000	\$ 400,000
Unsewered Area Assistance Program			\$ 500,000	\$ 500,000
Local Funds - Capacity Fee \$3,000/Customer			\$ 465,000	\$ 465,000
OPWC Loan	30	0.00%	\$ 800,000	\$ 800,000
OWDA Loan	30	2.00%	\$ 422,217	\$ 273,357
Total Financing			\$ 3,117,217	\$ 2,968,357
ANNUAL DEBT				
Annual OPWC Payment			\$ 26,667	\$ 26,667
Annual OWDA Payment			\$ 18,852	\$ 12,205
ANNUAL DEBT PAYMENT			\$ 45,519	\$ 38,872
DEBT PAYMENT PER MONTH PER EDU			\$ 24.47	\$ 20.90
O,M&R PAYMENT PER MONTH PER EDU			\$ 16.61	\$ 16.61
TOTAL PAYMENT PER MONTH PER EDU			\$ 41.09	\$ 37.51

* Bowersville's share of enlarged treatment system is 60% of \$1,302,900 or \$781,740

Unsewered Communities Project Steering Committee Meeting #3

Village of Bowersville Greene County Ohio
March 16, 2015 @7:30pm



Attending: See attached sign in sheet

Meeting Minutes:

Prior to the official start of the meeting Keith Doll stated that the draft final report was posted online on 3/6/15.

Mayor Michelle Morrison, Village of Port Williams had a question on the life span of the sewer treatment alternatives outlined in the draft final report.

Keith Doll Response: Approximately 25 to 30 years with proper maintenance.

Keith Doll officially opened the meeting

- Purpose of the meeting is to respond to comments/issues from the review of the final draft report and discuss when the date should be for the upcoming public meeting
- Matt Lindsey MVRPC reiterated the meeting purpose and that he hoped all attending had a chance to review the report.

Mayor Gary Ellison, Village of Bowersville, made several statements as follows

- He was to have a discussion with Shawn Campbell of Jones-Warner consultants to go over the report findings
- The number of homes (approx. 155) listed in the report included homes outside of the Village.

Keith Doll in response to Mayor Ellison: the 28-30 homes outside the Village but in the Township were listed and a council member agreed that they should be included in the report. The report would be revised to reflect any major comments/ issues but the report is pretty close to being final.

Keith Doll explained the alternative collection systems evaluated (gravity sewers, STEP sewers, Grinder pump sewers, and vacuum sewers.

- The alternative treatment systems evaluated included
 - Extended aeration treatment plant
 - Lagoon treatment system
 - Packed bed media treatment system
 - Transporting waste water to Jamestown for treatment
- The scenarios looked at for the collection systems included:
 - The Village of Bowersville alone with its own collection system
 - The Port William community (with their own collection system) sharing a treatment system with Bowersville.
- Construction estimates were evaluated for each of the alternative collection systems
- The operating systems were compared and listed in the report
- Operation and maintenance cost estimates were discussed

Keith pointed out that the present worth estimated for The Lagoon Gravity Collection System, regionalized with Port William, was slightly lower than the Bowersville only Lagoon treatment system. Therefore if Port William elects to join the system, costs will be lower for Bowersville. If Port William does not join the treatment system, Bowersville should still consider a Lagoon system to serve Bowersville only.

Average monthly cost per customer was discussed as per the table in the handout.

Financing estimates were explained by Keith Doll as per the table in the handout.

Since some of the homes included in the report are outside of the Village but should be included in the Unsewered Community Project, it was suggested that the Village work with those property owners and brought into the loop.

Question on a specific property came up with respect to their inclusion in the project.

Keith Doll's response: the more customers using the system, the better for spreading the cost to the village.

It is important that the system be sized correctly.

Discharge flow into Love Run is a concern for OEPA because of the stream's intermittent nature.

Ned Sarle- OEPA: suggested that whatever type of discharge the study recommends, it should be approvable by Ohio EPA.

OEPA will look for more detailed info when permits are applied for.

Pumping systems were discussed and the need for more info during detailed design phase.

An alternative discharge location was not considered but could be looked at if the village or EPA wanted. A possibility includes locating the treatment facility closer to Port William should Port William join the project.

A Council member has a question on the ability to get a grant being based on the type of system chosen.

Keith Doll's Response: a regionalized system would look better to a grantor.

A council member brought up a misplaced street name on the map.

Keith Doll's response: Mapping in report will be revised to correct street names.

A council member has a question about abandoned properties.

Keith Doll's response: it was suggested that properties that are abandoned be considered for sewer service to encourage growth/development for the next property owner.

Keith encouraged discussion on the date for the public meeting.

Keith Doll encouraged a discussion on the date for the public meeting.

Mayor Ellison stated that he does not want a public meeting until he and the council have met with Shawn Cambell of Jones-Warner Consultants on the draft final report which would show more concrete numbers on costs to the Village residents.

Matt Lindsey- MVRPC clarified to the Mayor that a public meeting would not take place until after June 15, 2015 if delayed.

The Mayor understood but wanted to delay the public meeting pending more concrete numbers.

Closing Remarks

The next council meeting is to be held April 20, 2015. The council is expected to have a more accurate house/customer count, and a completed discussion with Shawn Campbell on the recommendations of the final draft report. Mayor Ellison is to be in touch with Keith Doll (IBI) or Matt Lindsey (MVRPC).

Mayor Michelle Morrison (Port William): Suggested that Bowersville council introduce the findings of the report and project cost to the attendees of the next meeting to get the ball rolling.

Mayor Ellison's response: did not think it would be well received by the public without tighter financials

- Mayor Michelle Morrison offered her personal assistance to canvas door to door in Bowersville.

Keith Doll: Reiterated that the numbers in the draft report are conservative estimates and cannot be made exact. The numbers of homes/customers can be corrected based on the surveying to be done by Bowersville.

- A council member suggested that the project be touched on via the newsletter that accompany the water bills for the Village; Possibly April 10, 2015.

Formal meeting adjourned at 8:20 pm.



Project Name:
 Project Number:
 Meeting Location:

MVRPC Unsewered Communities Project
 Village of Bowersville, Green County
 Bowersville Municipal Bldg, 3192 Maysville Street

Meeting Date:
 Meeting Time:

March 16, 2015
 7:00p

PLEASE SIGN IN

NAME	TITLE / ORGANIZATION	E-MAIL / PHONE	INITIAL
1. KERR DOLL	IBI Group	614-818-4900 KERR.DOLL@IBIGroup.com	KD
2. Evin Finckney	Briarton Planning Services	614 214-3234 EFinckney@briartonplanning.com	EF
3. Stacy Ellin	MAYOR	J.ELLY@OWACO.K.COM	AE
4. Jason Ogo	Village Adm.		JD
5. Raymond Rego	Council	Raydeyo@att.net	RR
6. Danny Wilson	Council	danny.pence.wilson@yahoo.com	DW
7. Julie Sarle	Council		RS
8. Michelle Morrison	Port William	Michelle.L.Morrison@yahoo.com 937-704-9868	MM
9. Tina DeVaney	Jones-Warner Consultants	JWCIE@joneswarner.com	TD
10. MARK ISAACSON	GREENE COUNTY COMBINED HD	misracson@gcschd.org	MPI
11. Ned Sarle	Ohio EPA, DSW	Ned.Sarle@epa.ohio.gov	NS
12. Matt Lindsey	MVRPC	mlindsey@mvrpc.org	ML



BOWERSVILLE, OHIO

GENERAL PLAN / SANITARY SEWER FEASIBILITY STUDY

OPEN HOUSE MEETING

JUNE 23TH, 2015 6:00pm – 8:00pm

WELCOME!!!

Thank you for attending today’s public meeting. This meeting is being held to review the draft General Plan Report for the “Unsewered Communities Project” for Bowersville, Ohio. In locations where on-lot treatment systems (septic systems) no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health. The Miami Valley Regional Planning Commission (MVRPC) realizes these communities face real challenges in planning solutions for future wastewater treatment. As such, MVRPC has funded a study through an Ohio EPA grant to examine and report on options for Bowersville. IBI Group was hired to complete the study. **Bowersville is NOT required to act on this report or install a public sewer system at this time as there are NO mandates from the Ohio EPA currently.** Moving forward would be voluntary and proactive on the community’s part as septic systems in the community are past their life expectancy with replacement virtually impossible or extremely expensive with current design standards.

Study Summary:

IBI Group has completed an evaluation comparing four different sewer collection alternatives and five different wastewater treatment alternatives for Bowersville. These systems include:

Collection Alternatives

- Gravity Sewers
- Septic Tank Effluent Pumps (STEP)
- Grinder Sewers
- Vacuum Sewers

Treatment Alternatives

- Extended Aeration Treatment
- Lagoon Treatment
- Packed Bed Media Filter Treatment
- Connect to Jamestown
- Regionalize with Port William

We identified preliminary sewer routes to serve the Village and immediate surrounding area; developing construction estimates, Operation & Maintenance cost estimates, and comparing all scenario alternatives based on their Present Worth.

What we find and recommend is constructing a Gravity collection sewer system transporting wastewater to a new Lagoon treatment facility shared with the Village of Port William. Should, this regionalizing option not work, Bowersville should construct its own lagoon treatment facility.

The total project cost for the Village of Bowersville for constructing gravity sewers and a new lagoon treatment facility for the Villages of Bowersville and Port William is estimated at approximately \$3,000,000 (Bowersville share). The total project cost for constructing gravity sewers and a new lagoon facility for just the Village of Bowersville is estimated to be approximately \$3,100,000.

What are the benefits to me?

- First and foremost, a public sewer system eliminates health risks caused by failing septic systems.
- Cleaning the environment – streams and drainage ways free from pollution
- Eliminating your existing septic tank will provide more usable space in your yard for recreation or building purposes
- Odor elimination
- Cost of future repairs or replacement to your septic system – pumping, blocked leach field tile
- Worry free operation
- Property values increase

If the Village constructs a sewer system, will my home have to connect? How much would it cost me?

Generally, if a public sewer is constructed with the ability to serve your property, yes, you would be required to connect. Each homeowner would be required to construct a new sewer lateral or pipe extending from your home to the connection point to the sewer line (typically at the property line) and abandon the existing septic system. This cost will vary from property to property depending on the distance, depth, restoration, and plumbing reconfiguration.

Based on the financial constraints of the Village, we feel that Bowersville is in a good position to receive grants from State and Federal agencies to cover a portion of the construction cost. There may also be funding available on an individual basis to residents meeting income eligibility requirements to help cover the cost of connecting into the sewer. In some cases, this could mean zero dollars out of pocket for some residents.

After each resident makes their initial connection to the sewer system, they would then pay a monthly fee for sewer treatment service. Based on the preliminary funding scenario identified, the average monthly cost per customer would be around \$38 if Bowersville regionalizes with Port William. The average monthly cost per customer if only Bowersville builds a new lagoon facility would be around \$41.

What are the next steps?

If the Village decides to move forward, there are many items that would need to be addressed, including:

- Hire engineering firm to coordinate with funding agencies, survey the area, design the project, and secure EPA permits.
- Continue to keep the public informed
- It may be possible to have the entire system in place and operational by the end of 2019

**Unsewered Communities Project
General Plan Feasibility Study
Public Meeting**



**Village of Bowersville, Darke County, Ohio
June 23, 2015 @ 6:00-8:00 pm**

Attending: See attached sign-in sheet.

Meeting Minutes:

Matt L. – MVRPC opened the meeting with a welcome to the attendees comprised of mostly Steering Committee Members. Because of the lack of actual Bowersville residents, Matt thought that the format of the meeting should be structured more for the communication between Steering Committee Members, project team, and government representatives.

Mayor Michelle Morrison of The Village of Port William gave a brief update on the status of the desires of Port William to have a public sewer. She stated that the Village was in favor of having a public sewer and would like to regionalize with the Village of Bowersville. The Village of Bowersville however, is not in favor of having a public sewer mostly because of the estimated cost of the project. Mayor Morrison asked the Bowersville Steering Committee representative if the project was understood by a majority of the Bowersville residents. The residents of Bowersville had not been canvassed as a whole.

Ned Sarle – Ohio EPA offered some points on what part surface water/ground water plays in the total sewer system, current regulations and how it effects the individual septic systems.

Keith D. – IBI Group spoke briefly on previously used contract language as it pertained to sewer construction.

Challenges and concerns shared by each of the Villages pertaining to sewer, septic, and drinking water were discussed with the project team and among themselves.

Session ended at 8:00 p.m.



MIAMI VALLEY
Regional Planning Commission



Project Name: General Plan/Sanitary Sewer Feasibility Study

Meeting Date: June 23, 2015

Project Number: Village of Bowersville

Meeting Time: 6:00 - 8:00 p.m.

Meeting Location: WOW Church 5802 E. Xenia St. Bowersville, Ohio

PLEASE SIGN IN

NAME	ORGANIZATION	STREET ADDRESS
1. Edwin Pinckney	Burton Planning Svs.	257 Electric Ave. Westerville Ohio
2. Maria Barches	IBI Group	
3. MATT LINDSAY	MVRPC	
4. Will Duke	New Church	5802 E. Xenia St. Bowersville OH
5. Karen Dow	IBI Group	635 Broadedge Blvd. Mentorville OH 43081
6. Ron Volkarding	Greene Co. SSD	
7. Ned Saie	Ohio EPA, SWDO	401 E. Fifth St Dayton OH 45402
8. Raymond Reyo		588 E. Xenia St. Bowersville
9. Linda Neay		5818 E Xenia St Bowersville
10. MARK ISAACSBN	GREENE COUNTY CHA	360 WILSON DRIVE XENIA
11. Michelle Morrison	The Village of Port William	704 Second St. Port William
12.		

TOWN MEETING

The E.P.A. has targeted the village of Bowersville as a un-sewered community. Miami Valley Regional Planning and the E.P.A. have met with the village council and they have presented three different concepts to the council. The council has been informed that we are under NO OBLIGATION to accept any of these. The Miami Valley Regional Planning has requested we hold a public meeting to get the opinions and input from the village residents on these concepts. Again, we are not being forced at this time, to begin any sewer project. The plans that have been constructed include all residents who receive water from the village. The meeting will be at the W.O.W. church, formally the Methodist church, on Monday April 13th at 7:00 P.M.

Bowersville Meeting Notes

Monday, April 13, 2015 at 7:00 PM

The meeting promptly began at 7:00 pm and was called to order by Mayor Gary Ellison. Mayor Ellison gave a brief background of the purpose of the study and then introduced Shawn Campbell of Jones-Warner who is the Village Engineer.

Mr. Campbell gave more background of the study, its purpose and the fact that it was of no cost to the Village and it was a great working tool when and if sanitary sewer ever came to Bowersville. He reviewed alternatives and costs and some of the criteria used for the study.

Resident asked: Are we taking a vote?

Gary-Shawn- responded a vote is not necessarily the process requested here. Having an informed community and input as to your opinions on the presented alternatives and any concerns about the possibility of sanitary sewer and complying with MVRPC's wishes for a Town Meeting. In addition it was to squash rumors that council was moving ahead with a multimillion dollar sewer project that was going to cost residents thousands of dollars without consulting them. These were the purposes.

Residents began standing up and making statements and asking questions/

- Bowersville cheap place to live. A lot of residents have updated leach fields; it's a waste of money.
- Finance burden of filling in septic tanks, etc. 2 yrs of issues after last – costs money to hook into system
- Money, money money is all this sewer is. Besides local share by possible assessments, then we have monthly plus sewer bills.
- Resident asked if the Village was taking out a loan in comparison to grants

Gary – Shawn

Responded, yes it is an inexpensive place to live and council is committed to keeping it that way. Sewer is expensive, it is not required now but someday it will be. We just need to be prepared for when that happens and this study was a good idea to give us current costs for when that time comes.

Residents continued to ask:

- Construction traffic issues
- How many houses? 133 – Does it go on out Hanley Road

Gary – Shawn work with organization on costs as draft study used 155 connections. Some day the OEPA will come in and require a system. This meeting is required to get community input to comply with the free study.

Vern Gill- former council member, Worked with Shawn & EPA in past – mentioned Bowersville – one of these days we will have to because of the waste water

Gary – Part of problem is no stream to discharge so one option is to pump to Jamestown.

Shawn- Construction when this happens will be congested and will take coordination but he has been involved in many sewer projects and if managed appropriately can have minimal issues.

How long is study good?

Shawn – study is done in draft form and good for 25 years.

- Did you do a study on moderate income in the study?

Shawn – No study necessary, however the Village is 51% greater LMI. That is what qualifies you for other projects we have done with streets, sidewalks, curb etc. and funds are available to apply for the sewer project as well with CDBG funds.

- Did you count houses or lots?

Gary, Shawn – Active Water Accounts, we used as the 133 number, study used 155, which will cause an increase in sewer bills possible more than study shows but minimal change in capital cost.

- Is there a counter fee for lots?
- Will counsel vote by what community says?

Gary – No member of counsel thinks we can afford

- This meeting is not to vote
- Lots if assessment is used will be assessed if they are buildable.
- If EPA mandate happens could the village dissolve & township take over the village to turn it back into a township

Shawn – no precedent that he is aware of. He is sure someone has tried it but he is unfamiliar with any specific cases. EPA can mandate sewer in unincorporated areas if a health and safety issue.

- Sewer plant needs people to run/operate

Shawn – These figures included in O&M costs

- How would pay company?

Gary – Town would have to absorb the cost if people can't pay and the town can't afford it.

Shawn – Grant funds available. When and if the council ever decides to pursue sewer because of findings and orders or other things, costs will be re-evaluated and funding schemes will be put together. There are many alternatives – some with no upfront costs to Village.

- Can part of the money be put on your taxes?

Shawn – Yes for capital costs if counsel deems appropriate but not for monthly bills.

- Is there something we should do to help avoid?

Shawn – Pump septic tanks regularly, keep your system up to date. Help your neighbors. However it's only a matter of time.

Resident said he had heard enough and asked the crowd to raise hands of those opposed to any further pursuance of sewer. Entire room raised their hands.

Shawn- re-emphasized a vote is not necessary and that is not why we are here.

Gary- asked if there were any more questions.

Shawn- announced he understands some folk do not like to stand up and express themselves publically. He set cards out with his cell phone and email and encouraged anyone who had additional questions, concerns or opinions to feel free to call him.

Gary- asked about any more questions, with none the meeting was adjourned at 8:15 pm.

W

SIGN IN

NAME	ADDRESS	Phone / Email
Elmer Joe Sweet Jr.	3352 Long St.	937-554-8743
Julia Sweet	3352 Long St	(321) 960-9611
Willa Steen	5847 Chillicothe	937-453-2438
Russell "	" "	" "
Vernon Gill	3040 Maysville St.	(937) 453-2370
Robert Schmirker	3300 Long St.	937-453-2488
Danny Wilson	5772 Chillicothe St	937-558-6573
Cindy Mahanos	3227 Ross Dr	937 218 9477
Bill Mahanos	3227 Ross Dr	937 218 9477
Jane Ablins	3207 Maysville	453-9868
Carla Jackett	5828 Chillicothe	453-2258
Wheima L Funk	5809 Chillicothe	937-225-29
Philomena Davis	5760 Chillicothe St. Apt. 7	453-2240 768 4487
Charles L Thatcher	3153 Chillicothe St	453-2535
Elden Reed	3153 3153 Maysville St	453-2358
Jerry Magolac	5860 Hanley Rd Jamestown OH	937-402-1493
DALE J KARG	5988 Hanley Rd. Jamestown OH.	937-371-4344
Terrad S. Pickens	56 Nelson St Jamestown OH, 45335	937-681-5049
John Elkins	3274 Maysville St Bowersville OH 45307	jamestown mayor@yahoo. 740-656-1633
Cathy Brown	3327 Maysville St.	937-475-8054
E. Brown	Bowersville, OH 45307	

Gay Ellison	Meyer	
JOHN RICHARDSON	5779 CHILICOTHE ST	937-453-2495
Karen Duke	5808 E main st	937-502-5550
Sue Guinn	5792 E Xenia St.	937 768-0577
Barb Daulton	5821 E Xenia st	937. 453. 2426
Tom Reese	3244 MAYSVILLE ST	937-572-2581
J. Thompson	3587 P. AT 22	
Charl. Wheateratt	3003 Powers Rd	937-453-2507
Pam + Rick Jewing	3165 Short Street	937-725-0015
Ray + Linda Deefe	5818 E Xenia St.	937-453-2289
Forest + Dottie Nbling	3137 Maysville St	937-453-2448
Lee + Diane Smith	3135 Short St. -	903-249-1528
Katherine Ellison	5840 Chillicothe St	937 453 2070
Shawn Campbell	Jones-Wernan Sepul ^{Hwy} _{Christy Jones Rd}	937. 704. 8868

PUBLIC PARTICIPATION MEETING

TO REVIEW THE *GENERAL PLAN REPORT* FOR “UNSEWERED COMMUNITIES PROJECT” FOR BOWERSVILLE, OHIO

WHEN:

Tuesday, June 23, 2015

WHERE:

WOW Church
5802 E. Xenia St.
Bowersville, Ohio 45307

TIME:

6:00 p.m. - 8:00 p.m.

The meeting will be held to review the *General Plan Report* for the “Unsewered Communities Project” for Bowersville, Ohio. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

The Miami Valley Regional Planning Commission (MVRPC) realizes these communities face real challenges in planning solutions for future wastewater treatment. Therefore, MVRPC is spearheading the “Unsewered Communities Project” to examine and report on the options for these communities to improve wastewater systems and protect the environment. A public meeting will provide the residents and property owners in Bowersville an opportunity to review the *General Plan Report*.



MIAMI VALLEY

Regional Planning Commission



For additional information, contact Matt Lindsay, Manager of Environmental Planning, at 937.223.6323 or mlindsay@mvrpc.org



SESIÓN DE PARTICIPACIÓN PÚBLICA

PARA ANALIZAR EL INFORME DEL PLAN GENERAL DEL PROYECTO PARA COMUNIDADES SIN ALCANTARILLADO (UNSEWERED COMMUNITIES PROJECT) EN BOWERSVILLE, OHIO

CUANDO:

Martes, 23 de Junio, 2015

DONDE:

WOW Church
5802 E. Xenia St.
Bowersville, Ohio 45307

HORA:

6:00 p.m. - 8:00 p.m.

Se realizará una reunión para revisar el informe del plan general para el “proyecto de las comunidades sin alcantarillado” para Bowersville, Ohio. Hay lugares donde estos sistemas ya no le proporcionan el tratamiento adecuado a las aguas residuales y las autoridades de salud y del medio ambiente temen que la polución de estos sistemas pueda perjudicar el medio ambiente o la salud pública.

Miami Valley Regional Planning Commission sabe y entiende que estas comunidades enfrentan verdaderos retos preparando soluciones para el tratamiento de aguas residuales en el futuro. Por lo tanto, MVRPC está en la vanguardia al dirigir el “Proyecto para Comunidades Sin Alcantarillado” para examinar y presentar un informe sobre las opciones que estas comunidades tienen para mejorar los sistemas de tratamiento de aguas residuales y proteger el medio ambiente. El informe del Plan General identificará soluciones factibles y se usará para empezar a identificar y facilitar los proyectos del futuro.



MIAMI VALLEY

Regional Planning Commission



Para más información, contacte a Matt Lindsay, Manager of Environmental Planning, mlindsay@mvrpc.org o llame al (937) 223-6323



NEWS RELEASE

For Immediate Release

Date: June 2, 2015

Contact: Laura A. Loges
Miami Valley Regional Planning Commission
937.223.6323, Extension 6535
lloges@mvrpc.org

Subject: Public Participation Meeting to be Held to review the General Plan Report for Unsewered Communities Project for Bowersville, Ohio

Dayton OH – The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

The Miami Valley Regional Planning Commission (MVRPC) realizes these communities face real challenges in planning solutions for future wastewater treatment. Therefore, MVRPC is spearheading the “Unsewered Communities Project” to examine and report on the options for these communities to improve wastewater systems and protect the environment. The General Plan report will identify actionable solutions and lay the groundwork for future projects.

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Tuesday, June 23, 2015

WOW Church

5802 E. Xenia St.

Bowersville, Ohio 45307

6:00 p.m. – 8:00 p.m.

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If you are unable to attend the meeting, the General Plan report will also be available for public review on MVRPC’s web site at www.mvrpc.org/environment/WaterQualityManagement/ on or before June 2, 2015. You can also review the list at the MVRPC offices, 10 N. Ludlow Street, Suite 700, Dayton, OH, 45402, during regular business hours (8:00 a.m. – 5:00 p.m., Monday through Friday). Written comments will be accepted through July 2, 2015, at the above address or via e-mail to Matt Lindsay, Manager of Environmental Planning, at mlindsay@mvrpc.org.

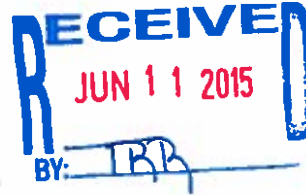
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Established in 1964, the Miami Valley Regional Planning Commission promotes collaboration among communities, stakeholders, and residents to advance regional priorities. MVRPC is a forum and resource where the Board of Directors identifies priorities, develops public policy and collaborative strategies to improve quality of life throughout the Miami Valley Region. MVRPC performs various regional planning activities, including air quality, water quality, transportation, land use, research and GIS. As the designated Metropolitan Planning Organization (MPO), MVRPC is responsible for transportation planning in Greene, Miami and Montgomery Counties and parts of northern Warren County. MVRPC's area wide water quality planning designation encompasses five (5) counties: Darke, Preble plus the three MPO counties.

For additional information, contact Matt Lindsay, Manager of Environmental Planning, at (937) 223-6323 or via the e-mail address listed above.

###

AFFP
PO# 215417



Affidavit of Publication

STATE OF OHIO }
COUNTY OF CLINTON } SS

Pamela Stricker, being duly sworn, says:

That she is Publisher of the Wilmington News Journal, a daily newspaper of general circulation, printed and published in Wilmington, Clinton County, Ohio; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

June 09, 2015

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

Publisher

Subscribed to and sworn to me this 9th day of June 2015.

Dianne Beaugard, Notary Public, Clinton County, Ohio

My commission expires: March 01, 2017

\$ 192.00

40000705 40745817 9372239750

Laura HENRY
MIAMI VALLEY REGIONAL PLAN COM
10 NORTH LUDLOW ST
SUITE 700
DAYTON , OH 45402

Public Participation Meeting to be Held to review the General Plan Report for Unsewered Communities Project for Bowersville.
The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

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Tuesday, June 23, 2015
WOW Church
5802 E. Xenia St.
Bowersville, Ohio 45307
6:00 p.m. – 8:00 p.m.

"The "Unsewered Communities Project" will evaluate the specific problems and needs of each participating community to develop customized wastewater treatment options in the form of a General Plan," said MVRPC's Executive Director, Brian O. Martin, AICP.

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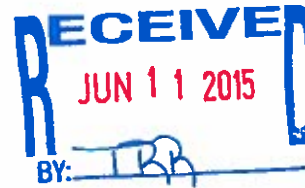
For additional information, contact Matt Lindsay, Manager of Environmental Planning, at (937) 223-6323 or via the e-mail address listed above.
(Tues., June 9, 2015) 40745817



DIANNE E. BEAUGARD
Notary Public, State of Ohio
My Commission Expires. Mar. 1, 2017
Recorded in Clinton County

AFFP

Unsewered Project P.O.#215431



Affidavit of Publication

STATE OF OHIO }
COUNTY OF GREENE } SS

Xenia
PUBLIC NOTICE

Linda Skinner, being duly sworn, says:

That she is Business Office Manager of the Xenia Daily Gazette, a daily newspaper of general circulation, printed and published in Xenia, Greene County, Ohio; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

June 09, 2015

Public Participation Meeting to be Held to review the General Plan Report for Unsewered Communities Project for Bowersville.

The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

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5802 E. Xenia St.

Bowersville, Ohio 45307

6:00 p.m. – 8:00 p.m.

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For additional information, contact Matt Lindsay, Manager of Environmental Planning, at (937) 223-6323 or via the e-mail address listed above.

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

Business Office Manager

Subscribed to and sworn to me this 9th day of June 2015.

Janice Marie Studebaker, Notary Public, Greene County, Ohio

My commission expires: July 05, 2015

\$ 289.68
JANICE MARIE STUDEBAKER, Notary Public
In and for the State of Ohio
My Commission Expires July 5, 2015
40000705 40744232 9372239750

Laura HENRY
MIAMI VALLEY REGIONAL PLAN COM
10 NORTH LUDLOW ST
SUITE 700
DAYTON , OH 45402

PUB: June 9, 2015
40744232

FEE LAW GROUP LLC

ABOGADOS

- Atendemos casos de:
- Inmigración: solicitudes de visas, Defensa de Deportación, DACA, y víctimas de crímenes (visas U y T)
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 - Derecho de familia
 - Testamentos, Contratos, y Poderes

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Oficina ubicada en Sharonville
 11438 Lebanon Rd. (Route 42)
 Unit K
 Cincinnati, OH 45241
 Tel: 513-792-9322
 Fax: 513-985-9322
 Attorneys / Abogados
 George Fee
 Elizabeth Clapp
 www.feelawgroup.com
 email: info@feelawgroup.com

"realizará su última próximo año



Participantes de la competencia felicitan al joven Nick Fradiani (centro), después de ser anunciado como el ganador de la versión número 14 de "American Idol", en el Dolby Theatre de Los Angeles, California el 13 de mayo de 2015. (Invision /Chris Pizzello)

continuaría el programa pero al final de cuentas "todos llegamos a la conclusión de que era hora de que terminara", dijo Gary Newman, copresidente y director general. "Pero queremos que fuera de una manera especial y con espíritu de celebración".

"Idol" fue un éxito rápidamente y los admiradores seguían a los concursantes que buscaban el valioso boleto amarillo a Hollywood y una oportunidad de llegar al estrellato.

En sus primeros años "American Idol" también mostraba las audiciones de concursantes sin posibilidades de ganar, pero últimamente se ha resistido a presentarlas. Simon Cowell, un productor británico mordaz y honesto, se volvió estrella como juez junto con sus compañeros originales Paula Abdul y Randy Jackson.

Clarkson se convirtió en una estrella pop 2011, cuando su popularidad declinó.

Harry Con- para recordar a celebración aporada. " se ha des- el género s de las que udó, ni hacer rama fue vic- a mayoría de . Pero seguía Fox, una ca- le audiencia. y directora up, dijo que eicil" terminar izaban cómo

tras "Idol" y Underwood se ha ganado su lugar en las listas de popularidad del country. Astros como Adam Lambert y Clay Aiken también se volvieron famosos tras concursar en "Idol". Walden dijo que aún no hay planes especiales, pero varios exconcursantes y jueces han expresado "mucho entusiasmo" por regresar para festejar el legado del programa en su último año. "Vamos a tener una temporada muy especial", dijo Newman. La serie tuvo un promedio de 12,69 millones de espectadores durante su temporada inicial en 2002, pero las cifras se dispararon poco después, llegando a más de 30 millones por episodio en su punto más alto en 2006, de acuerdo con la firma Nielsen. Siguió teniendo un promedio de más de 20 millones por episodio hasta la temporada 2011, cuando su popularidad declinó.

Isabel Londoño Kohn D.D.S.

Dentista General

- Adultos y Niños
- Emergencias
- Prevención
- Cuidado Familiar Completo
- Coronas, puentes y removibles
- Blanqueamiento de dientes
- Tratamiento del nervio
- Dentaduras
- Extracciones

• ACEPTAMOS LA MAYORÍA DE LOS SEGUROS •

IsabelKohnDDS@gmail.com

1120 Hicks Blvd. Suite 202
 Fairfield OH 45014 Tel. 513.829.2000
 A una milla al norte de Jungle's Jim

Emergencias 513.675.8644

AVISO PÚBLICO

Se realizará una Reunión de Participación Pública para analizar el Informe del Plan General del Proyecto para Comunidades Sin Alcantarillado (Unsewered Communities Project) en Bowersville.

El Valle del Río Miami (Miami Valley) tiene muchas comunidades aisladas pequeñas que tienen áreas apartadas donde se usan los sistemas sépticos. Hay lugares donde estos sistemas ya no le proporcionan el tratamiento adecuado a las aguas residuales y las autoridades de salud y del medio ambiente temen que la polución de estos sistemas pueda perjudicar el medio ambiente o la salud pública.

Miami Valley Regional Planning Commission (MVRPC, por sus siglas en inglés) sabe y entiende que estas comunidades enfrentan verdaderos retos preparando soluciones para el tratamiento de aguas residuales en el futuro. Por lo tanto, MVRPC está en la vanguardia al dirigir el "Proyecto para Comunidades Sin Alcantarillado" para examinar y presentar un informe sobre las opciones que estas comunidades tienen para mejorar los sistemas de tratamiento de aguas residuales y proteger el medio ambiente. El informe del Plan General identificará soluciones factibles y se usará para empezar a identificar y facilitar los proyectos del futuro.

Una reunión pública le brindará a los residentes y propietarios de Bowersville la oportunidad de ver y revisar el informe del plan general.

La reunión se realizará el:
Martes, 23 de junio, 2015 • WOW Church
5802 E. Xenia St., Bowersville, Ohio 45307
6:00 p.m. - 8:00 p.m.

"El "Proyecto para Comunidades Sin Alcantarillado" evaluará las necesidades y problemas específicos de cada comunidad participante para desarrollar opciones de tratamiento de aguas residuales que estén diseñadas específicamente para cada comunidad y que se presentarán en un Plan General," dijo el Director Ejecutivo, Brian O. Martin, AICP.

Si usted no puede asistir a la reunión, el informe del Plan General también estará disponible al público en el sitio Web de MVRPC en www.mvrpc.org/environment/WaterQualityManagement/ el 2 de junio, 2015. También encontrará la lista en las oficinas de MVRPC, 10 N. Ludlow Street, Suite 700, Dayton, OH, 45402, durante el horario regular de oficina (8:00 a.m. - 5:00 p.m., lunes a viernes). Se aceptarán comentarios por escrito hasta el 2 de julio, enviados a la dirección anterior o por correo electrónico a Matt.Lindsay@environmentalplanning.mvrc.org.

En todas las reuniones de participación pública de MVRPC, se pueden solicitar intérpretes para las personas con dificultades auditivas o para las personas que no hablan inglés. Las solicitudes se deben hacer por lo menos una semana antes de la fecha de la reunión. Comuníquese con MVRPC al (937) 223-6323 o 1-800-750-0750 TTY/TDD para solicitar un intérprete. Para más información, comuníquese con Matt Lindsay, Manager of Environmental Planning, al (937) 223-6323 o al correo electrónico listado anteriormente.

PUBLIC NOTICE

Public Participation Meeting to be Held to review the General Plan Report for Unsewered Communities Project for Bowersville.

The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

The Miami Valley Regional Planning Commission (MVRPC) realizes these communities face real challenges in planning solutions for future wastewater treatment. Therefore, MVRPC is spearheading the "Unsewered Communities Project" to examine and report on the options for these communities to improve wastewater systems and protect the environment. The General Plan report will identify actionable solutions and lay the groundwork for future projects. A public meeting will provide the residents and property owners in Bowersville an opportunity to review the General Plan report.

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Tuesday, June 23, 2015 • WOW Church
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MIAMI VALLEY
 Regional Planning Commission



NEWS

RECENT NEWS

Public Participation Meeting - Unsewered Communities Project for Bowersville

Dateline:
June 02, 2015
On June 23, 2015, a public meeting will provide property owners in Bowersville an opportunity to review the Draft report.

MVRPC Launches Redesigned and Reorganized Website

Dateline:
May 26, 2015
MVRPC is excited to announce the launch of our redesigned and reorganized website featuring our new logo and colors.

Win a Prize Pack of Battery-Powered Yard Equipment

Dateline:
May 26, 2015
Register to Win a Prize Pack of Battery-Powered Yard Equipment Courtesy of the Miami Valley Regional Planning Commission's Air Quality Awareness Program.

[View](#) [Edit](#) [Log](#)

Public Participation Meeting - Unsewered Communities Project for Bowersville

Tuesday, June 2nd, 2015



Dayton OH – The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

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A public meeting will provide the residents and property owners in Bowersville an opportunity to review the General Plan report.

The meeting will be held as follows:

CALENDAR OF EVENTS

← JUNE 2015 →						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

UPCOMING EVENTS

Public Participation Meeting - Unsewered Communities Project for Jackson Township

[Tuesday, June 16th, 2015](#)

On June 16, 2015, a public meeting will provide property owners in Jackson Township an opportunity to review the Draft

TAC Meeting June 2015 - CANCELED

[Thursday, June 18th, 2015](#)

Monthly Meeting of the Technical Advisory Committee has been canceled for June 2015

Public Participation Meeting - Unsewered

TO: Interested Agencies & Organizations

FROM: Brian O. Martin, AICP, Executive Director

DATE: June 2, 2015

RE: Public Participation Meeting to be Held to review the General Plan Report for Unsewered Communities Project for Bowersville, Ohio

The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

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If you are unable to attend the meeting, the General Plan report will also be available for public review on MVRPC’s web site at www.mvrpc.org/environment/WaterQualityManagement/ on or before June 2, 2015. You can also review the list at the MVRPC offices, 10 N. Ludlow Street, Suite 700, Dayton, OH, 45402, during regular business hours (8:00 a.m. – 5:00 p.m., Monday through Friday). Written comments will be accepted through July 2, 2015, at the above address or via e-mail to Matt Lindsay, Manager of Environmental Planning, at mlindsay@mvrpc.org.

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Established in 1964, the Miami Valley Regional Planning Commission promotes collaboration among communities, stakeholders, and residents to advance regional priorities. MVRPC is a forum and resource where the Board of Directors identifies priorities, develops public policy and collaborative strategies to improve quality of life throughout the Miami Valley Region. MVRPC performs various regional planning activities, including air quality, water quality, transportation, land use, research and GIS. As the designated Metropolitan Planning Organization (MPO), MVRPC is responsible for transportation planning in Greene, Miami and Montgomery Counties and parts of northern Warren County. MVRPC’s area wide water quality planning designation encompasses five (5) counties: Darke, Preble plus the three MPO counties.

For additional information, contact Matt Lindsay, Manager of Environmental Planning, at (937) 223-6323 or via the e-mail address listed above.

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June 2, 2015

To Whom It May Concern:

Our agency would like the libraries to make this letter available to citizens who may request it. In addition, please post the enclosed poster in a highly visible area to help advertise the meeting.

The Miami Valley is dotted with small communities with pockets of areas served by septic systems. In locations where these systems no longer provide adequate wastewater treatment, environmental and health agencies are concerned about the potential for pollution from these systems to harm the environment and human health.

The Miami Valley Regional Planning Commission (MVRPC) realizes these communities face real challenges in planning solutions for future wastewater treatment. Therefore, MVRPC is spearheading the "Unsewered Communities Project" to examine and report on the options for these communities to improve wastewater systems and protect the environment. The General Plan report will identify actionable solutions and lay the groundwork for future projects.

A public meeting will provide the residents and property owners in Bowersville an opportunity to review the General Plan report.

The meeting will be held as follows:

Tuesday, June 23, 2015

WOW Church

5802 E. Xenia St.

Bowersville, Ohio 45307

6:00 p.m. – 8:00 p.m.

"The "Unsewered Communities Project" will evaluate the specific problems and needs of each participating community to develop customized wastewater treatment options in the form of a General Plan," said MVRPC's Executive Director, Brian O. Martin, AICP.

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BOWERSVILLE ONLY

		GRAVITY COLLECT EXT AERATION TREAT		GRAVITY COLLECT LAGOON TREAT		GRAVITY COLLECT JAMESTOWN TREAT	
		COST	PW	COST	PW	COST	PW
PROJECT COST	(collection)	\$2,186,617		\$2,186,617		\$2,186,617	
	(treatment)	<u>\$1,009,800</u>		<u>\$930,600</u>		<u>\$951,502</u>	
	(total)	\$3,196,417	\$3,196,417	\$3,117,217	\$3,117,217	\$3,138,119	\$3,138,119
ANNUAL O&M	(collection)	\$8,000		\$8,000		\$8,000	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>		<u>\$96,900</u>	
	(total)	\$55,000	\$630,845	\$33,900	\$388,830	\$104,900	\$1,203,193
20 - YEAR PRESENT WORTH			\$3,827,262		\$3,506,047		\$4,341,312
# CUSTOMERS		155		155		155	
AVERAGE COST/CUSTOMER		\$20,977		\$20,330		\$20,923	

		STEP COLLECTION PCKD BED MED TREAT	
		COST	PW
PROJECT COST	(collection)	\$2,634,888	
	(treatment)	<u>\$921,888</u>	
	(total)	\$3,556,776	\$3,556,776
ANNUAL O&M	(collection)	\$15,800	
	(treatment)	<u>\$26,900</u>	
	(total)	\$42,700	\$489,765
20 - YEAR PRESENT WORTH			\$4,046,541
# CUSTOMERS		155	
AVERAGE COST/CUSTOMER		\$23,222	

		GRINDER COLLECT EXT AERATION TREAT		GRINDER COLLECT LAGOON TREAT		GRINDER COLLECT JAMESTOWN TREAT	
		COST	PW	COST	PW	COST	PW
PROJECT COST	(collection)	\$2,683,332		\$2,683,332		\$2,683,332	
	(treatment)	<u>\$1,009,800</u>		<u>\$930,600</u>		<u>\$951,502</u>	
	(total)	\$3,693,132	\$3,693,132	\$3,613,932	\$3,613,932	\$3,634,834	\$3,634,834
ANNUAL O&M	(collection)	\$9,000		\$9,000		\$9,000	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>		<u>\$96,900</u>	
	(total)	\$56,000	\$642,314	\$34,900	\$400,300	\$105,900	\$1,214,662
20 - YEAR PRESENT WORTH			\$4,335,446		\$4,014,232		\$4,849,496
# CUSTOMERS		155		155		155	
AVERAGE COST/CUSTOMER		\$24,188		\$23,541		\$24,134	

		VACUUM COLLECT EXT AERATION TREAT		VACUUM COLLECT LAGOON TREAT		VACUUM COLLECT JAMESTOWN TREAT	
		COST	PW	COST	PW	COST	PW
PROJECT COST	(collection)	\$2,704,754		\$2,704,754		\$2,704,754	
	(treatment)	<u>\$1,009,800</u>		<u>\$930,600</u>		<u>\$951,502</u>	
	(total)	\$3,714,554	\$3,714,554	\$3,635,354	\$3,635,354	\$3,656,256	\$3,656,256
ANNUAL O&M	(collection)	\$15,500		\$15,500		\$15,500	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>		<u>\$96,900</u>	
	(total)	\$62,500	\$716,869	\$41,400	\$474,854	\$112,400	\$1,289,217
20 - YEAR PRESENT WORTH			\$4,431,423		\$4,110,208		\$4,945,473
# CUSTOMERS		155		155		155	
AVERAGE COST/CUSTOMER		\$24,368		\$23,721		\$24,314	

BOWERSVILLE AND PORT WILLIAM COMBINED

		GRAVITY COLLECT EXT AERATION TREAT		GRAVITY COLLECT LAGOON TREAT	
		COST	PW	COST	PW
PROJECT COST	(collection)	\$2,186,617		\$2,186,617	
	(treatment)	<u>\$1,413,800</u>		<u>\$1,302,900</u>	
	(total)	\$3,600,417	\$3,600,417	\$3,489,517	\$3,489,517
ANNUAL O&M	(collection)	\$8,000		\$8,000	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>	
	(total)	\$55,000	\$630,845	\$33,900	\$388,830
20 - YEAR PRESENT WORTH			\$4,231,262		\$3,878,347
# CUSTOMERS	(collection)	155		155	
	(treatment)	245		245	
AVERAGE COST/CUSTOMER		\$20,121		\$19,582	

		STEP COLLECTION PCKD BED MED TREAT	
		COST	PW
PROJECT COST	(collection)	\$2,634,888	
	(treatment)	<u>\$1,290,700</u>	
	(total)	\$3,925,588	\$3,925,588
ANNUAL O&M	(collection)	\$15,800	
	(treatment)	<u>\$26,900</u>	
	(total)	\$42,700	\$489,765
20 - YEAR PRESENT WORTH			\$4,415,353
# CUSTOMERS	(collection)	155	
	(treatment)	245	
AVERAGE COST/CUSTOMER		\$22,479	

		GRINDER COLLECT EXT AERATION TREAT		GRINDER COLLECT LAGOON TREAT	
		COST	PW	COST	PW
PROJECT COST	(collection)	\$2,683,332		\$2,683,332	
	(treatment)	<u>\$1,413,800</u>		<u>\$1,302,900</u>	
	(total)	\$4,097,132	\$4,097,132	\$3,986,232	\$3,986,232
ANNUAL O&M	(collection)	\$9,000		\$9,000	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>	
	(total)	\$56,000	\$642,314	\$34,900	\$400,300
20 - YEAR PRESENT WORTH			\$4,739,446		\$4,386,532
# CUSTOMERS	(collection)	155		155	
	(treatment)	245		245	
AVERAGE COST/CUSTOMER		\$23,332		\$22,794	

		VACUUM COLLECT EXT AERATION TREAT		VACUUM COLLECT LAGOON TREAT	
		COST	PW	COST	PW
PROJECT COST	(collection)	\$2,704,754		\$2,704,754	
	(treatment)	<u>\$1,413,800</u>		<u>\$1,302,900</u>	
	(total)	\$4,118,554	\$4,118,554	\$4,007,654	\$4,007,654
ANNUAL O&M	(collection)	\$15,500		\$15,500	
	(treatment)	<u>\$47,000</u>		<u>\$25,900</u>	
	(total)	\$62,500	\$716,869	\$41,400	\$474,854
20 - YEAR PRESENT WORTH			\$4,835,423		\$4,482,508
# CUSTOMERS	(collection)	155		155	
	(treatment)	245		245	
AVERAGE COST/CUSTOMER		\$23,512		\$22,974	