

201 Plan Update for the Village of Gettysburg, Ohio (Darke County)

OVERVIEW

The Village of Gettysburg, OH has requested an update to the 201 Plan for wastewater collection and treatment within the Gettysburg Facility Planning Area. The Village currently has no centralized sanitary wastewater collection system and relies upon on-site septic systems for residential and commercial wastewater treatment and disposal. A large industrial concern in the Village, Norcold, manufactures refrigeration units. The facility's industrial process wastewater is transported by truck outside the FPA for treatment and disposal.

The Darke County Health Department reports that the aging and under-maintained on-site septic systems are no longer adequately treating the residential wastewater in the Village. The Village has chosen to pursue a sanitary sewer collection system to address the public health concerns for the residents.

The proposed project would install gravity sewers to all residences and businesses in the Village flowing to a single lift station in the Village. The lift station will pump the wastewater via force main to the Village of Bradford sanitary sewer collection system for treatment in the Bradford WWTF.

This document provides information needed to update the Gettysburg 201 Plan within the MVRPC Areawide Water Quality Management Plan to reflect the new wastewater treatment prescriptions for the Village.

A. FPA Map indicating (as appropriate) sub-area categories as defined in the MVRPC FPA Update Guidelines. The revised FPA map is attached. The boundaries of the FPA are unchanged from their original delineation. The FPA has been updated to show two sub area categories. The Incorporated limits of the Village are declared Category 2, "Areas to be served by sanitary sewers connected to an existing POTW during the next twenty years." As of the completion of this project (hoped for by the end of 2008) the village may be depicted as Category 1, "Areas currently served with sanitary sewers." The balance of the FPA is an area of Adams Township north of Greeneville Creek and south of the ridgeline for Ballinger Run. This area is declared as Category 6, "Areas for which no wastewater management options have been declared."

B. Population Projections. Population trends and projections for the Village of Gettysburg, OH are presented in the table below:

	1990 Source: US Census	2000 Source: US Census	2010 Projection	2020 Projection
Gettysburg	539	558	586	615 ¹
Darke County	53,619	53,309	52,728	52,553 ²

¹ Source for Village of Gettysburg 2010 and 2020 population estimates: Ohio EPA Environmental Information Form for Gettysburg Sewer/Force Main Project, p. 1.

² Source for Darke County 2010 and 2020 population projections: Ohio Department of Development County Fact Sheets

As indicated in the table, past population trends have shown slight decreases for Darke County as a whole, while there have been slight increases for the Village of Gettysburg. These trends are projected forward to provide the 2020 estimate of 615 persons in the service area of the Gettysburg collection system.

C. Wastewater Treatment Descriptions. The residences and businesses in the incorporated area of the Village shall be connected to the new sanitary sewer system. Connection to the system will be mandatory. Ordinary wastewater in the collection system will flow to a lift station and force main to be sent to the Village of Bradford sewer system. The flows will continue to the Bradford WWTF for treatment and eventual discharge to Ballinger Run. The industrial process water from the Norcold facility is being studied for possible discharge to the Gettysburg sewer system. The collection system, lift station and force main will be owned, operated and maintained by the Village of Gettysburg all the way to the point of connection with the Bradford Sanitary sewer system. The Bradford collection system and WWTF are owned, operated, and maintained by the Village of Bradford.

For engineering reasons related to the depth of the gravity sewers at the far ends of the system (as designed), it is not anticipated that areas outside the Village will be served by the Gettysburg collection system. However, at this time, the Village has not declared any wastewater treatment options for the balance of the FPA. In the absence of any future decisions, those areas are presumed to be served by on-site treatment systems, to be regulated by the Darke County Health Department.

D. Wastewater Treatment for FPA Additions. The Gettysburg FPA is not proposed to incorporate any new area. This update only updates wastewater treatment prescriptions within the existing FPA boundary.

E. Tables of WWTP capacities and permit limits. The Village of Gettysburg does not have a WWTF. Flows of wastewater from this project will be directed via force main to the Village of Bradford WWTF. The following data pertains to the Bradford Facility:

Ohio EPA permit number:	1PB00008
Ohio EPA permit expiration date:	November 30, 2007
Receiving water:	Ballinger Run
Design capacity (flow):	240,000 (0.24 MGD)

The facility reports monthly average and maximum flows through the treatment plant to Ohio EPA. The average flows reported since 2003 are as follows:

2003	0.19 MGD (million gallons per day)
2004	0.22 MGD
2005	0.31 MGD
2006	0.31 MGD
2007	0.29 MGD (January through June)

The above numbers combine wet weather flows and dry weather flows. During dry weather the WWTF is sufficiently below the design capacity to accommodate the additional flows from Gettysburg. Also, the Village of Bradford has a project underway to separate the storm sewer system from the sanitary sewer system. For example, the

storm drains from Miami Avenue and Main Street which used to drain to the WWTF no longer do so, freeing WWTF capacity for sanitary wastewater.

The contract between the Village of Gettysburg and the Village of Bradford for wastewater treatment services allows for a average daily maximum flow of 75,000 gallons per day (0.075 MGD). According to Ohio EPA, the addition of these flows to the currently reported flows will not cause the Bradford WWTF to exceed the designed and permitted capacity of the facility.

F. Meeting projected population needs. The Gettysburg sewer project will be designed to handle flows in excess of the contracted flow amount of 75,000 gallons per day. Estimates of current usage are that the average daily flows will be significantly lower than that amount, in the area of 40,000 gallons per day.

Using the most recent population figure of 558 village residents, 75,000 gallons per day averages out to 134 gallons per day per person. The 2020 population projection of 615 persons results in an average wastewater flow of 121 gallons per day per person. These average flow rates are within the typical range of per-person flow rates used for planning purposes.

G. Water Quality Protection. During periods of dry or damp weather, odor is given off by the storm sewer system in Gettysburg which indicates that there is likely discharge from the on site treatment systems into the storm sewer system. The Darke County Department of Health indicates that approximately 56 homes in the village do not have sewage permits and likely do not have adequate sewage treatment. Furthermore, of 145 sewage permits, 69 of the homes have septic tanks hooked directly to the village storm drains. This situation makes it certain that these homes are not providing adequate sewage treatment. Of the other permits, 38 are for leach beds, 21 are for aeration systems, 16 are for subsurface and filters, and there is 1 dry well system. It is not likely that many of these systems are working well as the typical failure rates throughout the county are very high.

The Darke County Health District has observed untreated sewage in various storm drains located throughout the Village of Gettysburg. The storm sewers run to Greenville Creek, a scenic river with high biological diversity which is currently being impaired by poorly or untreated wastewater.

The proposed Gettysburg collection system project will require residential hook up to the system, thus ending the on site system discharges to the storm system and Greenville Creek.

H. Impact on contiguous FPA; consistency with land use plans. Gettysburg is a rural village, and its Facility Planning Area is not contiguous with any other FPA. Because the project will transport wastewater to the Bradford FPA, the 201 Plan for Bradford will need amending to indicate the additional flows.

The areas to be served by the Gettysburg collection system are exclusively inside the Village of Gettysburg. The surrounding areas of Adams Township contain agricultural and low-density residential land uses. These areas are not anticipated to need to be served by sewers.

I. Documentation of Public Involvement.

VILLAGE OF GETTYSBURG

216 High Street • P.O. Box 345

Gettysburg, OH 45328-0345

Phone: (937) 447-2171

Fax: (937) 447-2515

NOTICE TO ALL GETTYSBURG PROPERTY OWNERS AND RESIDENTS

There will be a **very important** town meeting for property owners and residents of our village on **Tuesday, August 17, 2004, at 7:00 P.M.** in the Gettysburg Elementary Gym.

The purpose of this meeting is to inform you of the options available for constructing sanitary sewers in our village, to discuss these options, and to answer any questions you have concerning this project. It is expected we will soon be mandated by the Ohio E.P.A. and the Darke County Health Department that we have sanitary sewers.

The Village Council wants to be ready for any opportunity available for obtaining grants for this project. The more money we can get in grants, the less the village residents and property owners will need to pay for the project. We do not pay back grants, loans must be paid back. We were very fortunate in getting 71% of the cost of the new water treatment facility paid by grants. We now want to get as much as possible in grants for the sanitary sewers. Therefore, your help is needed.

You can help by attending this meeting. Not only will you know more information about the project, you will help the village get more points toward grants. The interest of the residents and property owners is very important to the funding agencies, therefore, you will be asked to sign your name when you come.

We look forward to seeing you on August 17.

Mayor Donnie Harmon

Village Council: Truman Bashore	Dan May	Donovan Pressler
Christine Resor-Swartz	Patsy Riley	Donald Schmidt
Clerk/Treasurer: Esther Clark		

**Village of Gettysburg
Sanitary Sewer System
August 17, 2004**

I. INTRODUCTION

II. PROJECT NEED

- A. Existing Conditions ~ Septic Tanks ranging in age & condition
- B. Ohio EPA/Health Department ~ Comments/Correspondence/Findings
- C. Future Considerations
 - i. Costs to maintain/upgrade septic systems
 - ii. Regulations may require many communities to create a sewer system
 - iii. More communities will be vying for increasingly limited funds
 - iv. Monthly rate could ultimately be significantly higher as a result

III. PROJECT BACKGROUND

IV. FUNDING

- A. CDBG Water & Sewer
 - i. Detailed Review of the CDBG Water & Sewer Program
 - ii. Required Income Survey
- B. OPWC ~ ISSUE II
- C. OHIO EPA ~ WPCLF LOAN

V. PRELIMINARY PROJECT COSTS

- A. Difference between treatment/transport options
- B. Overall project costs

VI. PROJECTED INDIVIDUAL COSTS

VII. REVIEW OF PROJECT TIMELINE

- A. Treatment/Transport Option Decision – Fall 2005
- B. Completion of Field Work and Preliminary Design – Spring 2006
- C. Submissions for Construction Funding – Spring 2006
- D. Finalize Construction Documents – Summer 2006
- E. EPA approval – Fall 2006
- F. Start of construction – Dependent upon funding availability

VIII. QUESTIONS & ANSWERS SESSION

Over 100 attend town hall meeting

GETTYSBURG - On Tuesday night, August 17, over 100 residents attended the first of several "town hall" meetings in which a sanitary sewer system was the topic. This discussion was led by Jared Ebbing from the engineering firm of Fanning/Howey. Mr. Ebbing noted that sooner or later the EPA is going to mandate sanitary sewers systems in villages that do not have them. Gettysburg has already begun seeking grant money to help fund this project which will cost around 2 million dollars.

Roberta Boerman, from the

Darke County Health Department noted that Gettysburg has 129 permits for septic or aeration systems. However, there are two hundred households in Gettysburg, and so there are 71 homes without the proper permits. Ms. Boerman reported that her department has been given money through the 319 Grant for the purpose of inspecting and upgrading septic tanks and areation systems in Darke County. Because Gettysburg is actively seeking a sanitary sewer system, the residents will be exempt from these inspections.

Both Ebbing and Boerman mentioned that septic and aeration systems are only a temporary fix, and the only solution to prevent the pollution of local rivers and streams is through some type of wastewater treatment facility.

Some of the options discussed include the possibility of installing pump stations and pumping the wastewater to Bradford. Another is for Gettysburg to construct and manage its own sanitary sewer system. Installing a lagoon system is a third alternative. The purpose of these "town hall" meetings is to dis-

cuss these options and find the best fit for Gettysburg now and in the future.

Residents are encouraged to attend the sewer committee meetings. To obtain the dates and times, contact Esth Clark at 447-2171.

If citizens have any questions, concerns, or issues, Mayor Harmon and the village council encourage residents to attend the council meetings which are held on the second Thursday of each month at 7pm in the village administration building.

PUBLIC MEETING

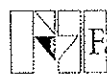
Village of Gettysburg, OH

Project No. 204815.00

August 17, 2004 7:00 P.M.

SIGN IN SHEET

NAME (Please print)	ADDRESS	TELEPHONE NO.
OSA MAE MAXWELL	116 RUTH	
Don Reckles	adams Loop	
Franklin Valentini	7060 Acad Rd.	
Doug Sheenleber	210 Corwin St.	
Phyllis Quisenberry	241 Factory	
Martin Quisenberry	241 Factory	
Doris Hoffman	295 E. Main St	447-9373
Scott Hoffman	295 E. MAIN ST.	447-9373
Terry Camp	402 E MAIN ST.	447-9533
James R. Baker	435 N. Bridge St.	447-7732
Kimberly D. Baker	435 N. Bridge St.	447-7732
Robert C. Brown	290 E Main St	447-9048
Barry Murphy	8604 Cov. Gettys Rd.	473-3498
ALAN B. CAPASSO	261 Bridge St.	447-4235
Julie Capasso	261 Bridge St.	447-4235
Jonathan Dentlinger	323 N. Bridge St.	447-8998
Apphia Dentlinger	323 N. Bridge St.	447-8998
Chris Dentlinger	242 Factory Street	447-7021
Mary Lavy	118 Marvin St.	447-2953
Tony ERNST	423 BRIDGE	447-8931
WILLARD G. CLARK	571 N. BRIDGE	447-8763
Leslie CLARK	571 N. Bridge St.	447-8763



PUBLIC MEETING

Village of Gettysburg, OH

Project No. 204815.00

August 17, 2004 7:00 P.M.

SIGN IN SHEET

NAME (Please print)	ADDRESS	TELEPHONE NO.
William Fox	113 Adams	948-2959
Ruth Fox	" "	" "
Raymond Johnson	113 Adams St	447-2610
Joyce Johnson	113 Adams St	447-2610
TIMOTHY A. RUC	112 GEORGE ST.	7-8023
BELO SMITH	102 MARY ST	447-4305
DAN GOLDEN	121 PARK ST.	447-8988
Krista Beisner	121 Park St.	447-8988
Jim Rose	216 N. Bridge St.	447-7091
Patsy Vannoy	254 N. BRIDGE ST.	447-3615
Jerry B. Sturbell	335 N. Bridge St	447-3635
John Dixon	113 KANVIN ST.	447-2443
Dorene Dillon	112 MARVIN ST.	447-2443
CECIL JESS	218 E. MAIN ST.	447-2364
BILL KINNISON	111 W MAIN ST	447-7762
JUDY KINNISON	111 W MAIN ST	447-7762
Pat RUTERBAUGH	266 BRIDGE	CELL
Paul Kotherberger	272 E Main	447-4741
Bernadine Kotherberger	272 E Main	447-4741
Lori Yount	121 Ruth St.	447-4401
Noomi Yount	121 Ruth St	447-4401
Larry Yount	121 Ruth St	447-4401



Fanning/Howey
Associates, Inc.
Architects Engineers Consultants

PUBLIC MEETING

Village of Gettysburg, OH

Project No. 204815.00

August 17, 2004 7:00 P.M.

SIGN IN SHEET

NAME (Please print)	ADDRESS	TELEPHONE NO.
Louise Westfall	318 Auld St	447-3765
Susanne Westfall	" "	" "
Evangeline Hinkle	708 N. Bridge	447-4894
Charles J. Hinkle	" " "	" "
Jim SANDER	101 EAST MAIN	447-8174
Delores Sander	101 E. MAIN ST	447-8174
Scott Clark	428 N BRIDGE ST.	447-8123
Kristene Clark	428 N Bridge St.	447-8123
Lidia Gehrlich	210 Factory St,	447-4344
Dave Nissong	307 Auld St	447-8661
Roger Stephenson	1698 Parkway Greenville	548-7549
CAMPBELL FAMILY	1410 W MAIN	447-4642
Charles Davis	109 George St.	447-9303
Paula Turner	200 Adams St	447-3845
Michael E. Kealy	200 Adams St	447-3845
Mr & Mrs Christopher Harshbarger	255 E. Main St	447-2614
J.E. Blankenship	111 Adams St	447-3024
Jan Thomas	111 Adams St.	447-3024
Chris Wolf	236 E. Main St.	447-4875
Matt Baker	153 W. Main St.	447-4413
Wm B. Baker	318 N. Bridge St.	447-8681
Mr & Mrs. Dan May	104 Mary St.	447-4885

NAME	Address	Phone
SCOTT RILEY	400 MAIN ST.	447-8351
Colin Lee Riley	400 main st	447-8351
ROBERT CENTRIVER	312 AUBURN ST	447-4107
JANICE CENTRIVER	312 AUBURN ST	447-4071
Chester Bryant	Box 352	447-4911
MARVIN PETERSON	127 PARK ST	447-4051
David Ritz	118 W. MAIN ST.	417-6543
Cheryl Byers	217 Adams	
Carmen Skiles	106 Mary	447-2971
Kathryn Denlinger	242 Factory St.	447-7021
Daniel J. Wagner	230 E Main	447-4944
Thelma J. Wagner	230 E Main	447-4944
Ruth N. Nye	253 N Bridge	447-2741
James J. Nye	253 N. Bridge	447-2741
Robert E. Chandler	119 Ruth	447-7655
Noel Brown	103 Mason St.	447-8793
GERMINE DOUTH	201 E. MAIN ST	447-2688
Dick DOUTH	+ +	447-2688
Ann Fair	202 Auld St.	447-4151
Roberta A. Fair	202 Auld St.	447-4151
Robert O. Fair	202 Auld St.	447-4151
TRUMAN BASHORE	117 Marvin	447-8582
Pam Schmidt	348 N BRIDGE	447-8681
Patricia	309 N Bridge	447-8473
Edna Clark	303 N. Bridge	447-2351

NAME	Address	Phone
Mr. & Mrs. John Riley	110 Ruth	447-4332
Marilyn Luntz	8923 Old St. Rt. 36	447-7555
Charity Hunt	110 Auld St	447-2511
Shelly Pressler	324 Auld St.	447-8915
Donovan Pressler	324 Auld St	447-8915
Mr & Mrs. Swartz	147 W. Main St	447-3774
Elizabeth Cool	249 E Main St	447-9523
Robert Ray	121 W. MAIN ST	447-7813
Lila Ray	121 W. MAIN ST	447-7813
Tim Doubleday	Butteburg Bible Holiness Church	
Carolyn Doubleday	116 Clay St. (Trustee)	
Glor Hatfield	116 Clay (Butteburg Holiness Church) Trustee	
Ron Hatfield	116 Clay St (Bible Holiness Church) Trustee	548-5282 Contact Person
Kim Heulich	123 E Main	447-8143
Von Heulich	123 E. Main	447-8143
Rynda Mullennix	300 Auld Street	447-7575
Misty Mullennix	300 Auld Street	447-7575
Lester Lutz	261 E. Main	447-8253
Mary Lutz	261 E. Main Street	447-8253
Mary Lorie Hamilton	243 E. Main St.	447-2943
Aggie Inger	117 E. Main	447-8582
William Inger	117 E. Main	447-8582
James Thobe	247 George St	447-7751
Michelle Shavett	247 George St.	447-7251
Leah A. Kiser	220 Auld St.	447-8843
Kenneth R. Kiser	220 Auld St	447-8843
Lane MacKinnan	115 Brown St	623-1792
Deanna Eikenberry	221 Corwin St.	447-3161

Gettysburg considers options

Talks with Darke County Sheriff about patrol

Christina Chalmers
Advocate Correspondent
editor@dailyadvocate.com

09/16/2007

GETTYSBURG - As of Friday, the Bradford police department no longer patrols the Village of Gettysburg.

After a decision made by Bradford's village council to abolish their police department and contract with Miami County Sheriff for their security, the Village of Gettysburg was left to consider some options regarding the patrolling of their own village.

At Thursday night's village council meeting, Scott Riffle

from the Darke County Sheriff's Patrol brought a proposal before council members for patrolling the village 65 hours a month, 15 to 20 hours per week, for \$1200 a month, the same dollar amount they were paying the Bradford Police Department. Bradford PD only provided 48 hours of service per month, as opposed to the new offer of 65 hours per month from the Darke County Sheriff's Patrol.

The Darke County Sheriff's Patrol consists of 28 deputies and services 6,000 hours to county residents now. They currently patrol the villages of

Castine, Gordon, Rossburg and Pitsburg as well as providing security for the Darke County Fair, Eldora Speedway and four local high schools during special events.

Council members said that their choices were limited because many area police departments did not have the manpower to provide their village with security. They were all in agreement that the Darke County Sheriff's Patrol's proposal sounded positive and was a definite possibility. At the end of their discussion, they noted that they had been very happy with Bradford's service to the village over the years.

Even though council has not made their decision, police protection is still provided by the Darke County Sheriff's Department.

Village Engineer Jared Ebbing announced to council that all of the funding is in place for the sewage project. The village received \$900,000 in grant money and a \$1.4 million loan.

"After a long wait — three years — we're moving forward. The project is going to be a

reality, the funding drive was successful," said Ebbing.

Ebbing said the project could start as soon as two months with an anticipated completion date sometime in the fall of 2008.

The village will be holding a public meeting to inform the public of the progress of the sewage system on Sept. 19 at 7 p.m. at the park facility. The Darke County Health Department will be there to answer questions regarding septic systems.

**Public Meeting
Village of Gettysburg
Sanitary Sewer System
September 19, 2007
7:00 P.M.**

I. INTRODUCTION

II. PROJECT HISTORY/BACKGROUND

- A. Summary of Activities/Progress over the past 3 years
- B. Brief Review of Approved Project Layout

III. FUNDING AWARDED

- A. CDBG Water & Sewer Construction Grant (\$500,000)
 - i. CDBG LMI Household Connection Grant (\$100,000)
- B. OPWC Construction Grant (\$400,000)
- C. OHIO EPA 0% LOAN (\$1,400,000 for 20 years)

IV. PROJECT COSTS COVERED BY FUNDING AWARDED

- A. Gettysburg Collection System Construction Costs
- B. Gettysburg Transport System (to Bradford) Construction Costs
- C. Tap Fees Payable to the Village of Bradford

V. INDIVIDUAL COST BREAKDOWN (To be Structured Similarly to Current Water Bills)

- A. Debt Retirement Costs (Estimated to be approximately \$27/Unit per Month)
- B. Operational Costs of Collection & Transport System (Gettysburg)
- C. Sewage Treatment Costs (Bradford)
- D. ESTIMATED TOTAL MONTHLY COST PER "AVERAGE USER"

VI. CONNECTION TO SYSTEM

- A. Review of Requirements ~ Darke County Health Department
- B. Plumber's Costs for Household Connection (Assistance available for qualified)

VII. REVIEW OF PROJECT TIMELINE

- A. Bidding Process – September/October 2007
- B. Award of Construction Contract to Low Bidder – November 2007
- C. Start of construction – November/December 2007
- D. Completion of Construction – September 2008
- E. Individual Connections to Sewer – October thru December 2008

VIII. QUESTIONS & ANSWERS

PUBLIC MEETING

Village of Gettysburg

Sanitary Sewer System

September 19, 2007 - 7:00 PM.

SIGN IN SHEET

NAME (Please print)	ADDRESS	TELEPHONE NO.
JEAN POZEK	107 MARY ST	447-7971
JAMES J NYE	253 BRIDGE ST.	447-2741
WILLARD G. CLARK	571 N. BRIDGE ST.	447-8763
JEAN THOMAS	111 ADAMS ST	447-3024
LOIS WOLLENHAUPT	7629 AULD Rd. Bradford	448-2482
RAY & LOYCE JOHNSON	113 Adams St	447-2610
OSAMAE MAYWELL	116 Ruth St	unlisted
TRUMAN BISHOP	117 MAIN	447-1512
JOHN L. LEE	112 Main	447-2443
Margaret & Judy L. Lerner	115 Main	447-4974
Georgie L. Harmon	336 N. BRIDGE	447-3415
Nester Lutz	261 E. Main	447-8253
Roger Rathoff		447-8943
Jonathan Dentlinger	323 N. Bridge St.	447-8998
Jason Lince	223 Darwin St.	447-9205
RON HATFIELD (CHURCH)	116 CLAY ST	548-5282
Chris Hatfield	Bible Holiness church 116 Clay	548-5282
Patsy Vandy	234 N. BRIDGE ST.	447-3615
Jean Doubleday	Bible Holiness Church 116 Clay	447-8966
Jerry R.	401 N Bridge	447-2915
Larry Lount	121 Ruth	447-4401
Norval Lount	121 Ruth	447-4401



Fanning/Howey
Associates, Inc.

Architects Engineers Consultants

PUBLIC MEETING

Village of Gettysburg

Sanitary Sewer System

September 19, 2007 - 7:00 PM.

SIGN IN SHEET

NAME (Please print)	ADDRESS	TELEPHONE NO.
Dan May	104 Mary St.	447-4885
Tony Ernst	423 BRIDGE	447-8931
Will Brubaker	415 Bundy	
Cheryl Byers	217 Adams	
Paula Harshbarger	200 Adams	417-3736
Bill Kinnison	111 W MAIN	447-7762
Randy Spicker	3945 Old U.S. 36	447-2983
Doug MacLennan	115 Brown St	623-1792
Kathy Mead	440 N. Bridge	447-3151
Eric Miller	123 E. Main	447-9055
Melissa Vanatta	232 Bridge St.	447-8959
Kathryn Denlinger	242 Factory St.	447-7021
Mike Mangen	Versa. Hwy	
John L. Archley	114 Esther St.	447-9123
Bob Clark	309 N Bridge St	447-8473
Erin Clark	303 N. Bridge St.	447-2351
Don Hill	348 N. Bridge St.	447-8681
Chris Denlinger	216 N. Bridge St	447-9247
Dan Clark	324 Auld St	447-8915



Fanning/Howey
Associates, Inc.
Architects Engineers Consultants

**Village of Gettysburg
Sanitary Sewer System
June 9, 2005**

I. INTRODUCTION

II. REVIEW OF PROJECT NEED

- A. Existing Conditions ~ Septic Tanks ranging in age & condition
- B. Ohio EPA/Health Department ~ Comments/Correspondence/Findings
- C. Future Considerations
 - i. Costs to maintain/upgrade septic systems
 - ii. Regulations may require many communities to create a sewer system
 - iii. More communities will be vying for increasingly limited funds
 - iv. Monthly rate could ultimately be significantly higher as a result

III. REVIEW OF PROJECT BACKGROUND

IV. REVIEW OF FUNDING

- A. CDBG Water & Sewer
 - i. Detailed Review of the CDBG Water & Sewer Program
 - 1. Discussion of \$500,000 W&S Funds AND \$100,000 Hook-Up Funds
 - ii. Required Income Survey ~ Need the Surveys back!!
- B. OPWC ~ ISSUE II
- C. OHIO EPA ~ WPCLF LOAN

V. REVIEW OF PRELIMINARY PROJECT COSTS

- A. Difference between treatment/transport options
- B. Overall project costs

VI. REVIEW OF PROJECTED INDIVIDUAL COSTS

VII. REVIEW OF PROJECT TIMELINE

- A. Treatment/Transport Option Decision – Fall 2005
- B. Completion of Field Work and Preliminary Design – Spring 2006
- C. Submissions for Construction Funding – Spring 2006
- D. Finalize Construction Documents – Summer 2006
- E. EPA approval – Fall 2006
- F. Start of construction – Dependent upon funding availability

VIII. QUESTIONS & ANSWERS SESSION

**VILLAGE OF GETTYSBURG, OHIO
WASTEWATER TREATMENT AGREEMENT**

**With the
VILLAGE OF BRADFORD, OHIO**

This agreement is made and entered into this 8th day of Feb, 2007 by and between the Village of Gettysburg, Ohio and the Village of Bradford, Ohio.

RECITALS

1. WHEREAS, the Village of Gettysburg has undertaken the cost to construct a sanitary sewer collection system within the village (the "Collection System"); and
2. WHEREAS, the Service Area in which the Collection System is encompassed has been recognized by all parties to be most properly serviced by the Village of Gettysburg (Exhibit "A"); and

NOW THEREFORE in consideration of the mutual promises and agreements as herein set forth the parties agree as follows:

Articles of Agreement between the Village of Gettysburg and the Village of Bradford for treatment of wastewater generated in the Service Area.

1. The Village of Bradford shall receive sanitary wastewater from the Service Area transported from a lift station located within the Village of Gettysburg, more specifically located in accordance with the plans of the Collection System (See Exhibit A). Said wastewater generated and treatment thereof shall be in accordance with all rules and regulations of the Federal and State Environmental Protection Agencies (EPA), all terms and conditions of the EPA, National Pollution Discharge Elimination System (NPDES) Permit and in accordance with the Village Bradford Code. Neither the Village of Gettysburg or any other entity should interpret the making of this covenant as a waiver of any right the Village of Bradford may have to object to, oppose, appeal or challenge in any way, in accordance with a State or Federal law, any or all rulings, regulations or laws issued by the above referenced rule making bodies.
2. The Village of Gettysburg shall have the sole responsibility for installation and construction of the Collection System to the point of connection to the Village of Bradford's collection system. The exact location of connection shall be approved by the Village of Bradford. A master flow meter shall be of a design approved by the Village of Bradford. The maintenance of the master meter will be the responsibility of the Village of Gettysburg.

3. The parties agree that the Village of Bradford shall accept no more than the maximum average daily flow of 75,000 GPD of typical wastewater from the Service Area. The parties further agree that any amount in excess of an average of 75,000 GPD will be accepted by the Village of Bradford at its discretion based on the capacity of the village's wastewater collection system and wastewater treatment plant.
4. The Village of Gettysburg shall be charged a treatment service rate of \$3.15/1000 gallons. The Village of Bradford shall invoice the Village of Gettysburg on a quarterly interval based upon the reading of the master flow meter provided by the Village of Gettysburg. The village of Bradford reserves the right to inspect the flow meter to verify the reading on an as needed basis. The Village of Bradford reserves the right to require calibration of the master flow meter upon a determination of possible inaccuracies of the meter such as after a lighting strike, or other event that could cause inaccurate readings, or upon agreement of both parties hereto. The quarterly payments, billed in arrears, are due on January 10, April 10, July 10, and October 10. The Village of Gettysburg shall be responsible for the collection of payments from its residents and pay the quarterly treatment service charge to the Village of Bradford. The Village of Gettysburg shall be required to submit full payments as invoiced to the Village of Bradford by the due date, regardless of late payments from Village of Gettysburg residents to the Village of Gettysburg.
5. The current connection charge of \$750/tap shall be payable to the Village of Bradford for connecting the initial users of the Collection System, which upon execution of this agreement is approximately 210 units. The connection charge fee will be due prior to the village receiving any sanitary waste into the village. The Village of Gettysburg will verify the actual sanitary connections made at the time of start-up to establish the initial connection charge fee.

Any future additional users of the Collection System will pay the current out-of-town connection charge (which at the time of agreement is \$750/tap) to the Village of Bradford prior to the authorization of a sewer-use permit. The sewer-use permit process will be handled by the village of Gettysburg. The village of Gettysburg will notify the Village of Bradford of each additional tap by copy of the permit and payment of the current tap-in fee. The Village of Gettysburg shall issue an annual report identifying the total number of sanitary tap-ins.

Connection charge fees for the Village of Gettysburg will be charged at the same rate as for the Village of Bradford's out-of-town users. The Village of Bradford reserves the right to adjust the connection charge fees for the Village of Gettysburg as it would for its own residents and other out-of-town users. The process for notification of any changes to the village of Gettysburg will be handled as it would be to the village of Bradford's own residents.

6. Any sanitary wastewater discharged to the Village of Bradford which continually contains pollutants in excess of normal concentrations currently defined as the following: 250 BOD, 250 Suspended Solids, and 30 Ammonia, then the Village of Bradford shall require the Village of Gettysburg to provide additional pre-treatment to the wastewater to achieve an acceptable condition for discharge. The normal concentrations, as defined above, are subject to change per the EPA's requirements. Therefore, the concentrations limits noted above for the Village of Gettysburg could be lowered, if the EPA lowers the normal concentrations levels. The Village of Bradford will perform testing as needed, at their expense, to determine pollutant concentrations. Testing to be done at the receiving manhole located in the village of Bradford.

The Village of Bradford will allow the Village of Gettysburg sixty (60) days to identify and resolve the concentration issues. If no resolution is made to the concentration levels within this time period, the Village of Bradford will remedy the issue on its own accord, charging the Village of Gettysburg one and one half (1.5) times the costs encumbered.

7. It is further mutually agreed between the Villages as follows:

- A. Term of Contract

This contract shall extend for a term of 25 years from the date of the initial treatment of any wastewater as shown by the first bill submitted by the Village of Bradford to the Village of Gettysburg and thereafter may be renewed or extended for such term, or terms, as may be agreed upon by the Villages.

- B. Delivery of Service

Fifteen (15) days prior to the estimated date of completion of construction of the Collection System, the Village of Gettysburg will notify the Village of Bradford in writing the date for the initial delivery of wastewater. A Certificate of Commencement will be issued and signed by both parties.

- C. Modification of Contract

The provisions of this contract pertaining to the service rates to be paid by the Village of Gettysburg for wastewater treatment are subject to "cost of living increases" coinciding with the Village of Bradford's rate structure/costs of operations. Any other major adjustment to the service rate shall occur only after consultation with the Village of Gettysburg. The village of Bradford will inform the village of Gettysburg of any rate changes. The process for notification of any changes to the village of Gettysburg will be handled as it would be to the village of Bradford's own residents.

D. Regulatory Agencies

This contract is subject to such rules, regulations or laws as may be applicable to similar agreements in this State and County and the Villages will collaborate in obtaining such permits, certificates, or the like, as may be required to comply therewith. The Village of Bradford will be responsible to obtain and maintain all necessary licenses, certifications & accreditations necessary to treat the sewage from the Service Area.

E. Intervening Causes, Acts of God

The Village of Bradford shall be obligated to provide treatment of wastewater required under the terms of this Agreement unless the Village of Bradford is unable due to mechanical malfunctions, strikes, war, riot, weather conditions, and acts of God. In any of these events, the Village of Bradford shall use its best efforts to promptly provide or re-establish such treatment services.

F. Enforceability

If any portion of this Agreement proves to be invalid or unconstitutional, the same shall not be held to invalidate or impair the validity, force, or effect of any other portion of this Agreement unless it clearly appears that such other portion is wholly or necessarily dependent for its operation upon the portion so held invalid or unconstitutional.

G. Binding Effect

The Village of Bradford, their successors or assigns and the Village of Gettysburg, its successors or assigns are hereby bound by the terms of this Agreement.

H. Waiver of Breach

The waiver by either party of a breach or violation of any provision of this Agreement shall not operate or be construed to be a waiver of any subsequent breach thereof.

I. Default or Dispute

Any default or dispute between the parties shall be submitted to non-binding mediation unless the parties mutually agree otherwise. Further failure to resolve any dispute shall be subject to binding arbitration in accordance with the rules to be agreed upon by both parties. If not agreed upon, the parties shall be subject to rules provided by the American Arbitration Association.

IN WITNESS WHEREOF, the parties hereto, acting under authority of their respective governing bodies, have caused this contract to be duly executed in two counterparts, each of which shall constitute an original

Village of Bradford, Ohio:

By:

Jeffrey L. Wierig
Mayor

Attest:

Brenda Delandus

Village of Gettysburg, Ohio:

By:

Donnie L. Hammer
Mayor

Attest:

Ernest J. Clark



State of Ohio Environmental Protection Agency
Southwest District

401 East Fifth Street
Dayton, Ohio 45402-2911

TELE: (937) 285-6357
FAX: (937) 285-6249

October 25, 2004

Mayor and Council
Village of Gettysburg
216 High Street
Gettysburg, OH 45328

**RE: Village of Gettysburg, Darke County
Wastewater Facilities Funding Application**

Ladies and Gentlemen:

I am providing this letter in support of the application for funding to pursue wastewater collection and treatment for the Village of Gettysburg. Currently, the Village of Gettysburg is served by on-lot sewage systems (i.e. septic tanks). Many of these on-lot systems have failed or discharge off-lot to area streams.

Gettysburg was specifically referenced in the recent Total Maximum Daily Load (TMDL) Report for the Stillwater River Watershed as a direct cause of impairment to the stream assessment unit 05080001-120 (1998-303(d) list). This particular stream unit is Greenville Creek (downstream to mouth). Parts of Greenville Creek downstream of the Village of Gettysburg were found to be in non-attainment of the aquatic life water standard. Greenville Creek is designated as a State and National Scenic River.

Completion of a sewer collection system and treatment for the Village of Gettysburg will improve water quality in Greenville Creek and reduce public health risks associated with untreated sewage.

If you have any questions, I can be reached at (937) 285-6107.

Sincerely,

Joe Miller
Division of Surface Water

CC: Ron Puthoff, Community Development Services



Darke County

GENERAL HEALTH DISTRICT

300 GARST AVENUE GREENVILLE, OHIO 45331
PHONE 937-548-4196 FAX 937-548-9654
E-MAIL darkecoghd@woh.rr.com
WEB SITE darkecountyhealth.org



*At the heart of it all -
a healthier Ohio.*

T.L. HOLMAN, D.V.M., R.S.
Health Commissioner

October 20, 2005

Fanning/ Howey
Attn: Jared Ebbing
1200 Irmscher Blvd.
Celina, Ohio 45822

OCT 24 2005
CORPORATE SERVICES

Dear Mr. Ebbing:

The Darke County General Health District supports the Village of Gettysburg in their efforts to obtain central sewage. The *2000 United States Census* indicated that there are 201 housing units within the Village of Gettysburg. Currently, the Darke County Health District has only 145 sewage permits for properties within the Village. Therefore, there are approximately 56 homes that do not have sewage permits and likely do not have adequate sewage treatment.

Furthermore, of those 145 sewage permits, 69 of them consist of septic tanks hooked directly to the Village storm drains; therefore, *it is known* that these homes are not providing adequate sewage treatment. Of the other permits, 38 are for leach beds, 21 are for aeration systems, 16 are for subsurface sand filters, and there is 1 dry well system.

Aeration systems are mechanical systems, which require continued maintenance. It is likely that not many of these systems are working. We have found high failure rates throughout Darke County for these types of septic systems. Of those that are subsurface sand filters, many were installed prior to 1970. Over time, subsurface sand filters may cause water quality problems because the sand will channel and the waste then passes through the sand too quickly to adequately treat it.

The Darke County Health District *has observed* untreated sewage in various storm drains located throughout the Village of Gettysburg. We feel that it is essential that the Village of Gettysburg obtain a central sewage system to protect the water quality of Greenville Creek, which is located next to the Village and is the receiving stream of the Village's untreated waste.

Sincerely,

Roberta Broerman, RS, MPH
Environmental Director



mvrpc
MIAMI VALLEY
REGIONAL PLANNING COMMISSION

One Dayton Centre
One South Main Street
Suite 260
Dayton, OH 45402
Tel: (937)223-6323
Fax: (937)223-9750
TTY/TDD 800-759-0750
www.mvrpc.org

May 29, 2007

Ms. Theresa Gordon
Ohio EPA/DEFA
P.O. Box 1049
Columbus, OH 43216-1049

RE: Village of Gettysburg Sanitary Sewer Collection System and Lift Station/Force Main Project

Dear Ms. Gordon:

This letter is in response to your request for a 208 consistency review of the subject project in Darke County, Ohio. MVRPC is the Areawide Water Quality Planning Agency for Darke as well as four other counties surrounding the Dayton metro area. To perform this review I have spoken with representatives of the Village of Gettysburg, the Village of Bradford, the Darke County General Health District, The Ohio EPA Southwest District Office and Darke County Parks. MVRPC received and I reviewed the Wastewater Treatment Agreement between Bradford and Gettysburg.

MVRPC deems this project consistent with the 208 Plan because of the current unsanitary conditions in the Village of Gettysburg as detailed in the Ohio EPA Environmental Information Form for the project and by the Darke County General Health District. The septic system connections to the storm sewer system and the sewage outfalls to Greenville Creek necessitate centralized treatment, though the current Areawide Water Quality Management Plan is silent on such services.

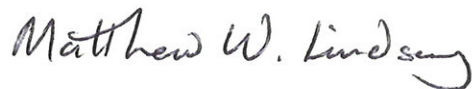
In addition, MVRPC notes the following:

- A basic review of the Village of Bradford wastewater treatment system has been performed by Ohio EPA, and it has been determined to have sufficient capacity to handle the anticipated wastewater flows from Gettysburg (75,000 gallons per day). In particular, the ongoing separation of Bradford's storm and sanitary systems will provide additional capacity in the treatment system for sanitary flows. MVRPC has not reviewed this study, but relies upon verbal communication of its findings.
- The population projections for the Village of Gettysburg used for this project envision roughly 10 percent increase in population between 2000 and 2020 (558 to 615), while ODOD projections for Darke County show a one percent drop in population over the same time period (53,309 to 52,553). However, the Wastewater Treatment Agreement between Gettysburg and Bradford allows for ample flow volumes for the projected 615 persons in 2020.
- The subject project will convey wastewater flows from one 208 FPA to another via a force main. MVRPC Facility Planning Policies require evidence of jurisdictional agreement in such instances. The Wastewater Treatment Agreement between the Villages provides such evidence.

MVRPC will amend the Areawide Water Quality Management Plan to reflect the addition of sanitary sewers for the Village of Gettysburg. In addition, the text of the Wastewater Treatment Agreement will be included to record the satellite treatment services to be provided by the Village of Bradford. This update to the AWQMP will provide the Village of Gettysburg the opportunity to review the planning and service areas for their Facility Planning Area and should be completed by the end of SFY 2008. The sanitary sewer project, however, should be considered consistent with the AWQMP in the period prior to any Gettysburg amendment.

Thank you for the opportunity to review the Gettysburg sanitary sewer and force main project. Please do not hesitate to contact me with any questions about this consistency review, MVRPC's Areawide designation or our Areawide Water Quality Management Plan. I can be reached by telephone at (937) 531-6548 or by e-mail to mlindsay@mvrpc.org.

Sincerely,

A handwritten signature in cursive script that reads "Matthew W. Lindsay".

Matthew W. Lindsay
Manager, Environmental Planning

cc: Roberta Broerman, Darke County General Health District
Mayor Donnie Harmon, Village of Gettysburg
Rick Looker, Administrator, Village of Bradford
Joe Miller, OEPA-SWDO

Gettysburg Facility Planning Area



Village of Gettysburg FPA Legend

- Village boundary - Category 2 - 20-year expected sewer service area
- FPA boundary - Category 6 - No management options declared