

Future Wastewater Infrastructure Needs and Capital Costs

FY2012 Biennial Survey of Wastewater Collection and Treatment



Minnesota Pollution Control Agency

January 2012

Legislative Charge

Minnesota Statutes § 115.03, Subd. 9. Future costs of wastewater treatment; report. The commissioner shall, by January 15, 1998, and each even-numbered year thereafter, provide the chairs of the house and senate committees with primary jurisdiction over the agency's budget with the following information: (1) an updated list of all wastewater treatment upgrade and construction projects the agency has identified to meet existing and proposed water quality standards and regulations; (2) an estimate of the total costs associated with the projects listed in clause (1), and the projects' priority ranking under Minnesota Rules, chapter 7077. The costs of projects necessary to meet existing standards must be identified separately from the costs of projects necessary to meet proposed standards; (3) the commissioner's best estimate, developed in consultation with the commissioner of employment and economic development and affected permittees, of the increase in sewer service rates to the residents in the municipalities required to construct the projects listed in clause (1) resulting from the cost of these projects; and (4) a list of existing and proposed state water quality standards which are more stringent than is necessary to comply with federal law, either because the standard has no applicable federal water quality criteria, or because the standard is more stringent than the applicable federal water quality criteria.

HIST: 1945 c 395 s 3; 1969 c 9 s 21; 1969 c 931 s 6; 1973 c 374 s 7-9; 1973 c 412 s 12; 1976 c 76 s 1; 1979 c 147 s 1; 1984 c 597 s 41; 1985 c 248 s 70; 1Sp1985 c 13 s 229; 1986 c 444; 1987 c 186 s 15; 1989 c 335 art 1 s 127; art 4 s 33; 1992 c 601 s 2; 1993 c 87 s 1; 1993 c 186 s 8; 1996 c 437 s 9,10; 1996 c 462 s 38; 1997 c 216 s 93; 2000 c 370 s 1; 1Sp2001 c 2 s 120; 2003 c 128 art 1 s 120,121; 1Sp2003 c 4 s 1

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Minnesota Pollution Control Agency

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The Appendices to Future Wastewater Infrastructure Needs and Capital Costs are bound as a separate document and will be provided upon request. Appendix 2 which is provided statewide can also be provided for specific counties or Economic Development Regions upon request. The Report and the Appendices will also be available early in 2012 at the MPCA website: <http://www.pca.state.mn.us/hot/legislature/reports/index.html>

Appendices to *Future Wastewater Infrastructure Needs and Capital Costs*

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS) – Communities Providing Estimates of Future Wastewater Infrastructure Costs Summarized by Economic Development Regions and Counties *(28 pages)*

Appendix 2: Wastewater Infrastructure Needs Survey (WINS) – Descriptions of Individual Community Needs, Projects, Costs and Affordability *(154 pages – alphabetical)*

Appendix 3: State Fiscal Year 2012 Project Priority List (PPL) *(alphabetical and priority)*

Appendix 4: Communities Served by the Metropolitan Council Environmental Services (MCES)

Appendix 5: Survey Responses and Methodological Considerations

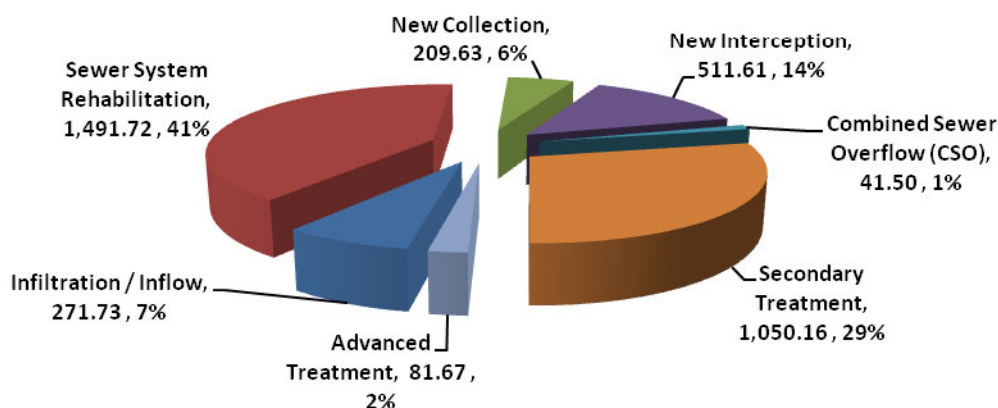
Appendix 6: Average Annual Residential Sewer Charges *(35 pages – alphabetical and by charge)*

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Executive Summary

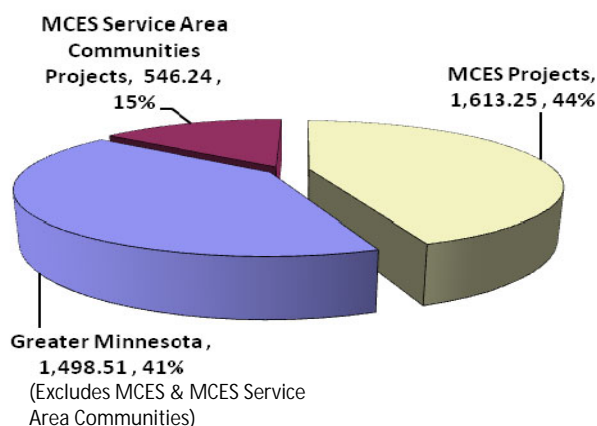
Statewide Future Infrastructure Needs

Responding to the Minnesota Pollution Control Agency (MPCA) 2011 Wastewater Infrastructure Needs Survey (WINS) of future wastewater treatment and collection system needs Minnesota's communities identified **over 1,100 wastewater infrastructure projects** at a cost of over **\$3.6 billion dollars**, compared to 1,200 projects at a cost of over \$4.3 billion identified in the 2009 WINS Survey. These projects are necessary to rehabilitate, expand and improve wastewater collection sewer systems and treatment facilities and to extend sewer systems to newly developed or existing unsewered areas. The distribution of costs by type of project is as follows (costs are in millions of dollars):



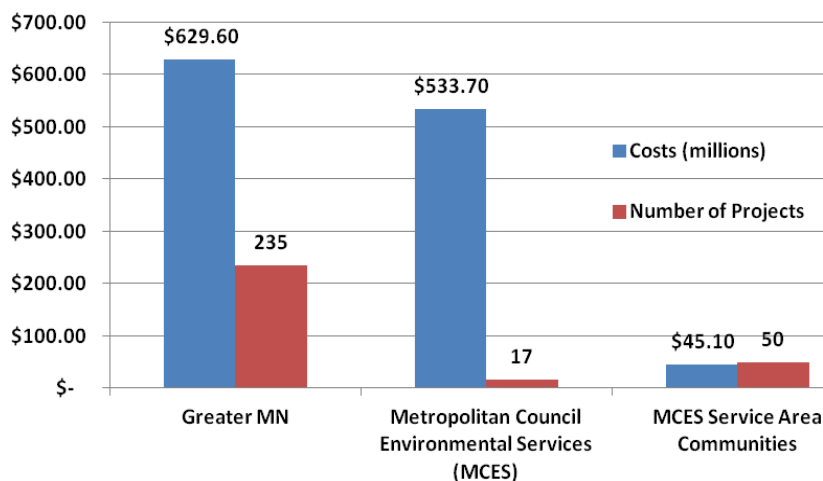
Greater Minnesota, Metropolitan Council Environmental Services (MCES) and MCES Service Area Communities Needs

The distribution of need for Greater Minnesota as compared to the MCES and the approximately 180 communities served by MCES is as follows: (costs are in millions of dollars)



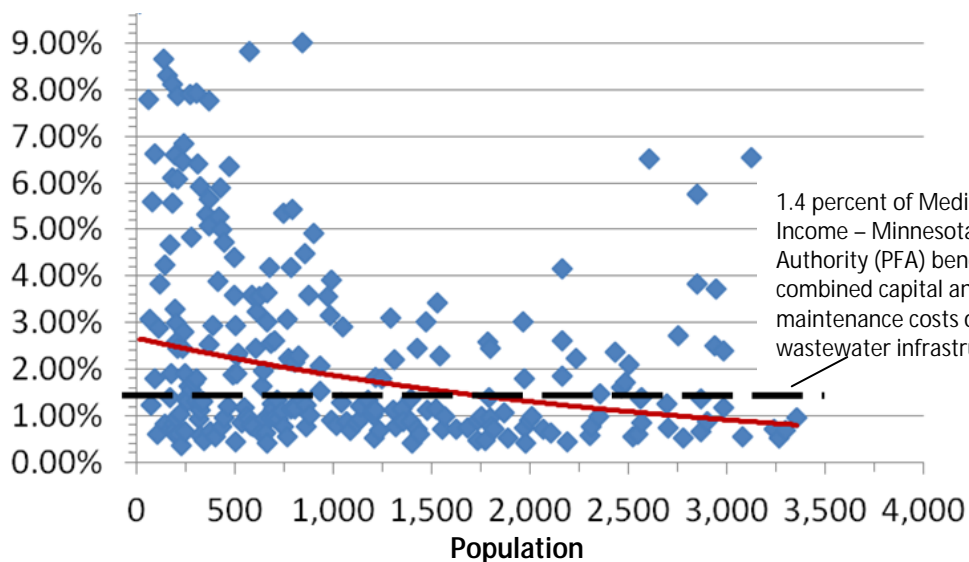
Completed Wastewater Infrastructure Projects 2010-2011

During the two-year period from January 1, 2010, through December 31, 2011, a total of 302 wastewater infrastructure projects were completed throughout Minnesota for a total cost of \$1.208 billion. The distribution of costs and number of projects between Greater Minnesota, MCES and MCES service area communities are as indicated on the chart below (costs are in millions of dollars). Note that costs are overall totals for projects completed during the time period indicated. For multi-year projects cost may have been initiated and incurred prior to January 1, 2010.



Project Affordability: Effects of Economies of Scale

Communities with low populations frequently struggle with the affordability of wastewater infrastructure – they lack the economies of scale that help keep costs down in more populous cities. The Minnesota Public Facilities Authority (PFA) has set 1.4 percent of median household income as a wastewater costs affordability index for Minnesota communities. On the following linear regression graph the y axis is annual capital and operational costs as a percentage of a community's Median Household Income and the x axis is population. As indicated a community needs a population of approximately 1,750 to achieve an affordability index of 1.4 percent.



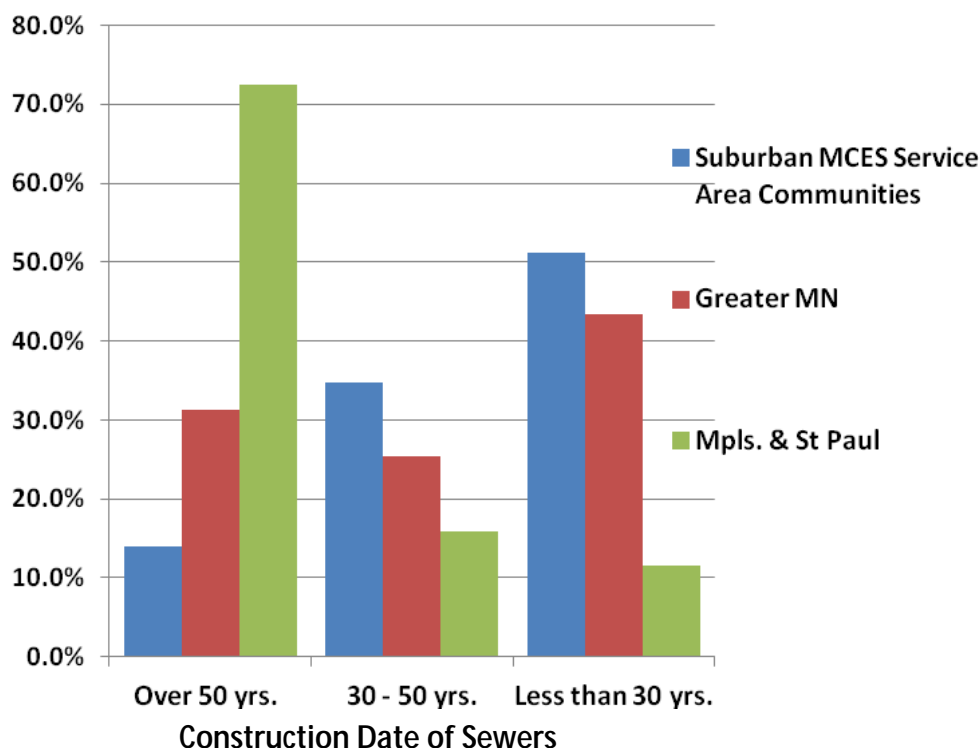
Age of Collection Sewers

Sewers installed over 50 years ago are frequently beyond their useful life in part because they were typically constructed of vitrified clay tiles that are not as durable and do not perform at current standards. The age and condition of Minnesota's collection sewer systems varies between communities but is primarily a contrast between: (a) Minneapolis and St. Paul, (b) Suburban MCES Service Area Communities, and, (3) Greater Minnesota.

As indicated below, Minneapolis and St. Paul have a high percentage (72 percent) of sewers constructed over 50 years ago. Accordingly both cities are engaged in long-term capital improvement projects to rehabilitate their collection sewer systems. While rehabilitating and replacing these aged sewers continues to be a significant capital investment for the Twin Cities, given the economies of scale of the communities involved this would seem to be manageable.

Suburban MCES Service Area Communities have a comparatively small percentage (14 percent) of sewers constructed over 50 years ago. Those suburban sewers over 50 years old are located primarily in South St. Paul, Stillwater and Hastings. These three communities also have the highest percentage of suburban sewer systems constructed between 30 and 50 years ago (37.0 percent). However, given the substantial populations of these communities and corresponding economies of scale available, the rehabilitation and replacement of deteriorated sewers would seem to be manageable.

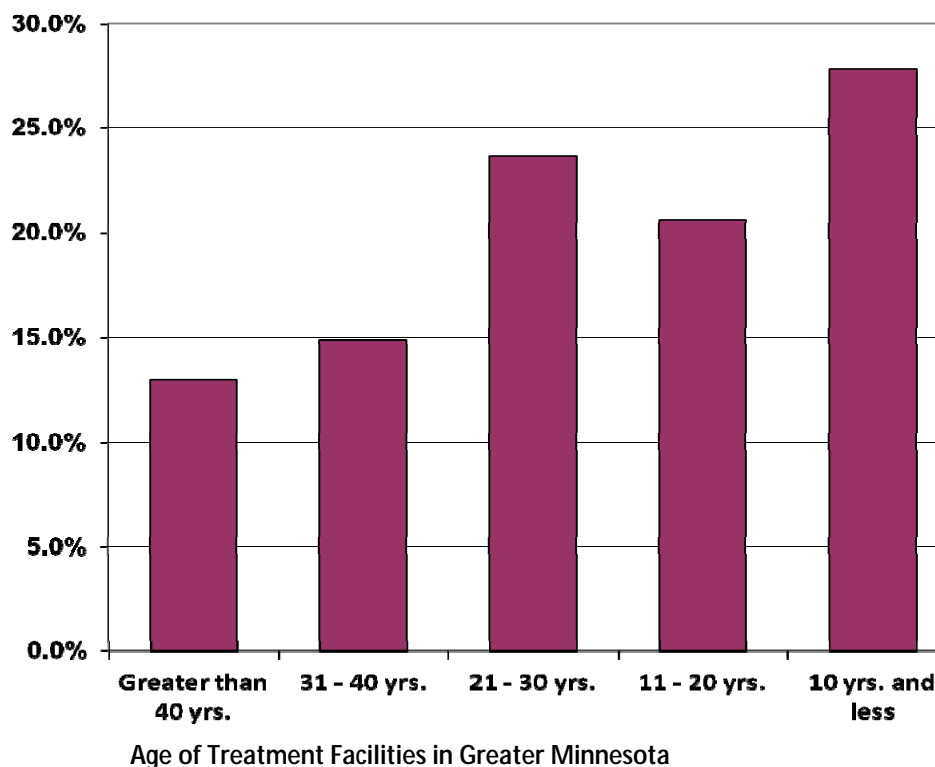
In Greater Minnesota the age of collection sewer systems suggests that aged infrastructure is significant and extensive and represents an important challenge, particularly because many of the oldest sewers are located in the smallest communities. As indicated below, 31.2 percent of Greater Minnesota sewers were installed over 50 years ago and 25.4 percent of sewers in Greater Minnesota are 30 to 50 years old.



Age of Treatment Facilities

Major structural components of wastewater treatment facilities have an expected useful life of 40 years – dependent in part on operation and the diligence of maintenance. As these structures deteriorate effectiveness declines leading to additional operating and maintenance and a greater potential for: permit violations and unintended discharges. As indicated below, at this point in time 13 percent of Greater Minnesota's treatment facilities are over 40 years old. In

ten (10) years without reconstruction projects the percentage would reach approximately 28 percent. This scenario would likely result in continuing, significant, increased infrastructure demands and costs.



In the Twin Cities local communities collect sewage from households, businesses, etc. and then route it to the appropriate MCES interceptors. The MCES operates an extensive interceptor system conveying wastewater to its treatment facilities for treatment and discharge. Given the extensive revenue base of MCES, and because the overall MCES system is managed for scheduled rehabilitation and improvements according to a detailed long-term capital improvement plan, correction of deteriorated wastewater infrastructure is generally considered manageable.

Introduction

The Purpose and Scope of this Report

In keeping with Minn. Stat. § 115.03 subd.9 the Minnesota Pollution Control Agency (MPCA) has prepared this Report on:

- Future infrastructure needs and capital costs of rehabilitating, improving and expanding publicly owned wastewater treatment and collection systems
- Cost increases to residential users resulting from currently planned wastewater infrastructure projects
- The affordability of residential costs
- The Environmental Protection Agency's (EPA's) Impaired Waters - Total Maximum Daily Load (TMDL) program and how this emerging program will affect wastewater treatment facilities expansions and effluent limits

Minnesota's publicly-owned wastewater treatment systems are operated according to National Pollutant Discharge Elimination System (NPDES) and State Disposal System (SDS) permits issued by the MPCA. The ownership and operation of publicly-owned wastewater treatment and collection systems is the work of approximately 680 Minnesota cities and sanitary districts. Of the latter, Metropolitan Council Environmental Services (MCES) and Western Lake Superior Sanitary District (WLSSD) are the most prominent in the extent of services provided.

This Report does *not* address:

- Privately owned NPDES or SDS permitted wastewater treatment facilities (e.g., industrial and commercial dischargers that do not discharge to publicly-owned wastewater treatment facilities)
- Privately-owned Subsurface Sewage Treatment Systems (SSTS) which account for approximately 25 percent of the domestic wastewater discharged by Minnesota residences
- Stormwater Collection Systems, Management and Treatment Practices - Based primarily on population, approximately two-hundred of Minnesota's municipalities are responsible for stormwater management according to the conditions of NPDES stormwater permits. Stormwater in communities not subject to stormwater permits is managed according to nonpoint source Best Management Practices (BMPs).
- Publicly-owned wastewater treatment facilities with flows less than 10,000 gallons per day (approximately 30 households) and land-based disposal - These facilities are not issued NPDES or SDS permits.
- Unsewered communities, which are typically very small rural communities without sewer collection and wastewater treatment systems and also without adequate SSTS treatment
- Under-sewered communities; defined by the MPCA as communities with inadequate or deteriorated sewer systems and substandard or non-existent wastewater treatment with direct discharges - Again these are typically very small rural communities. (For a discussion of the wastewater needs of unsewered and under-sewered Minnesota communities see: *Small Community Wastewater Needs in Minnesota* issued by the MPCA June, 2008, and available at: <http://www.pca.state.mn.us/index.php/view-document.html?gid=5192>).

Basics of Wastewater and Wastewater Treatment

Wastewater or sewage is generated and discharged by households, businesses and industries. A typical household generates approximately 160 - 250 gallons of wastewater per day. The majority of wastewater generated in Minnesota (approximately 75 percent) is discharged to sanitary sewer collection systems and flows to municipally operated wastewater treatment facilities where it is treated and released. The remainder is discharged by households and businesses to Subsurface Sewage Treatment Systems (SSTS) and to privately operated, primarily industrial treatment facilities.

Wastewater is typically about 99 percent water and 1 percent organic matter, solids, nutrients, potentially disease-causing organisms and other pollutants. These materials are suspended and dissolved in the wastewater. Sewage treatment is a multi-stage process to reduce or eliminate pollutants and nutrients before the treated wastewater is discharged to a river, lake, stream or wetland, land applied or reused. The wastewater treatment process screens out debris and separates suspended solids and greases from the wastewater. One or more biological treatment processes are then used to remove dissolved organic matter from wastewater. Together this series of processes is defined as *secondary treatment*. Depending upon the need to address specific pollutants or to improve particular conditions in receiving waters *advanced treatment* may also be required. Advance treatment typically focuses on a specific pollutant or nutrient such as phosphorous. Wastewater treatment processes range from the relatively simple (stabilization ponds) to very complex (activated sludge treatment facilities), but all require careful operation and management to ensure the protection of the water body that receives the discharge. In wastewater treatment plants trained operators measure and monitor the incoming sewage, the treatment process and the final effluent which is discharged to the lakes and streams of Minnesota. These operators are licensed and certified by the MPCA.

Minnesota's waters are affected by pollutants from three primary sources: point source pollution which includes discharges from wastewater treatment facilities; nonpoint pollution which includes stormwater and runoff from other land use activities such as agriculture and forestry, and; atmospheric deposition. Each receiving body of water has limits to the amount of pollutants it can receive without degradation. These limits are carefully identified and defined as the Total Maximum Daily Load (TMDL) of the receiving waters. Accordingly, each sewage treatment plant has a permit stipulating the allowable levels of pollutants in the treated discharge. The majority of Minnesota's wastewater treatment facilities operate according to United States Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) permits. These permits are issued by the MPCA according to a delegation agreement with the EPA. Treatment facilities that discharge to land, for example, through spray irrigation, receive State Disposal System (SDS) permits instead of NPDES permits.

In general, SSTS systems do not receive NPDES or SDS discharge permits. Instead water quality and public health goals and standards are maintained through a program for registering and licensing those who install, inspect and maintain SSTS systems and by local government building permits and inspections of design, installation and operation. SSTS installation and maintenance contractors are registered and licensed by the MPCA and participate in ongoing training and education programs provided by the MPCA and the University of Minnesota Extension.

State Water Quality Standards

Minnesota Stat. § 115.03, subd. 9(4) requires the listing of "...existing and proposed state water quality standards which are more stringent than is necessary to comply with federal law, either because the standard has no applicable federal water quality criteria, or because the standard is more stringent than the applicable federal water quality criteria." While the federal Clean Water Act (CWA) establishes the requirements to develop and implement standards and the procedures for doing so, the details of water quality protection are left up to the states. This recognizes the "place-based" nature of water quality protection – waterbodies in different areas have different characteristics, support different uses and react differently to pollutants; therefore, different standards are needed to protect those diverse waterbodies. Given this, there are effectively no separate State of Minnesota water quality standards proposed or in existence that exceed federal standards; Minnesota's standards are developed to protect the uses of Minnesota's waters in conformance with the federal CWA requirements.

In general, Minnesota's water quality standards are developed following one of two pathways. Often, the EPA develops national numeric water quality criteria, and the MPCA adopt water quality standards based on these national criteria by tailoring them to local conditions (such as using only data from freshwater species). Where federal criteria do not exist, states may still need to adopt numeric standards to meet the federal requirement of protecting designated uses.

For example, in Minnesota where wild rice is an important component of the aquatic life community of many waters and is a resource of cultural significance, the state has adopted a standard to protect wild rice from impacts due to excess sulfate. Such a numeric standard does not exist at the federal level, but it fulfills the federal requirement of protecting existing and designated uses. Similarly, Minnesota has adopted nutrient standards to protect lakes from nutrient enrichment, which affects recreational suitability and aquatic life. Minnesota's standards are based on

Minnesota-specific conditions and considerations, since lakes in Minnesota are different than lakes in Iowa or South Dakota.

In adopting these standards, MPCA has not gone beyond federal regulations. The federal regulations require states to protect designated uses such as swimming and fishing; the federal regulations also establish procedures for developing standards to achieve that protection. MPCA follows these procedures.

Types of Infrastructure Costs: Capital Costs, Operation and Maintenance Costs

While this Report focuses on future capital costs, publicly-owned and operated wastewater treatment and collection systems are subject to both capital costs and operation and maintenance costs. Capital costs are for constructing wastewater infrastructure, rehabilitations, improvements and expansions. Operation and maintenance costs include personnel costs and the costs of chemicals, supplies, laboratory analysis, power, equipment repair and replacement, etc.

Capital cost increases result from one or some combination of the following factors:

- Infrastructure rehabilitation and replacement
- Community growth and corresponding infrastructure expansion
- Development of systems to address wastewater collection and treatment in unsewered and under-sewered communities and
- Treatment facility upgrades to meet new and/or more restrictive wastewater discharge standards (i.e., NPDES and SDS permit conditions and requirements or implementation of TMDLs)

Operation and maintenance cost increases are attributable to:

- Changes in operation and maintenance procedures resulting from capital changes
- Expansion of treatment facility systems and processes
- Collection system expansions
- Inflation and
- Changes in operation and maintenance to achieve new and/or more restrictive discharge standards

Capital projects are identified in the Report as follows:

- **Sewer System Projects** – Projects involving the rehabilitation, construction and/or expansion of existing sewer collection and interceptor sewer systems and projects to correct infiltration and inflow and/or combined sewer overflows. Infiltration and Inflow is stormwater and groundwater that enters sanitary sewers through leaks or through the direct connection of, for example, roof downspouts. Combined Sewer Overflows (CSOs) are discharge points in a sewer system that are utilized to release untreated sewage to rivers, lakes and streams when wastewater flow in combination with stormwater runoff exceeds the capacity of wastewater treatment facilities. Sewer collection systems constructed prior to the 1950s typically combined the collection of sanitary wastes and stormwater. During storms when stormwater runoff is high, these combined systems generate flows that exceed the capacity of treatment facilities. The primary solution to this problem is to construct separate sanitary and storm sewer systems.
- **Wastewater Treatment Projects** – The construction, improvement, expansion of treatment facilities/works/plants for the secondary and advanced treatment of wastewater to meet water quality standards.

Data Sources

The data in this Report have been acquired from sources including:

The 2011 Wastewater Infrastructure Needs Survey (WINS)

The 2011 WINS survey was mailed to communities and sanitary districts in late August 2011, with completed surveys being received and data entered through mid-December. Communities are required to complete the WINS survey biennially as a part of their NPDES and SDS permit conditions. This information is acquired so that the State can identify future wastewater infrastructure needs over the next twenty years. For detailed information on individual communities please see Appendix 2.

The 2012 Project Priority List (PPL) August 2011

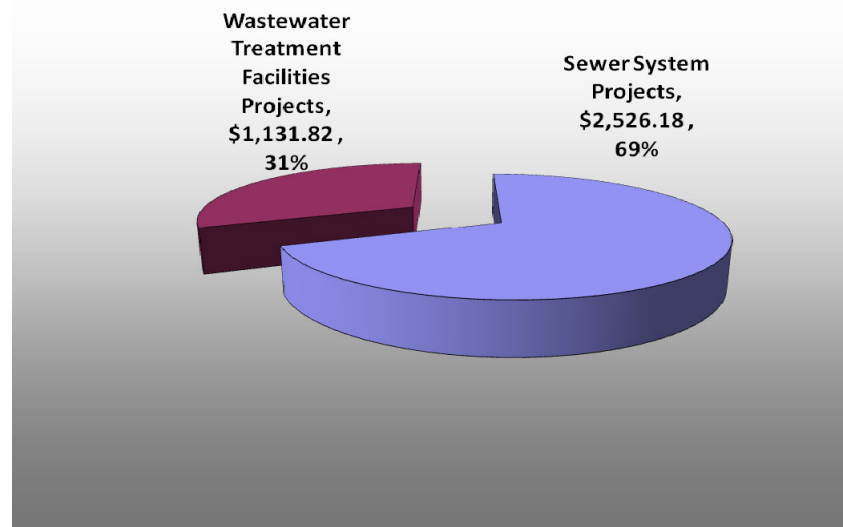
The Project Priority List (PPL) consists of project proposals submitted to the MPCA by communities and sanitary districts seeking financial assistance within the next five years for sewer and wastewater treatment construction projects and for stormwater projects. Proposals include information describing and supporting the needs that will be addressed by the project. The MPCA prepares the PPL annually by ranking project proposals according to environmental criteria defined by Minnesota Rule Chapter 7077.

The PPL is then used by the Public Facilities Authority (PFA) to develop the Intended Use Plan (IUP) for the award of Clean Water Revolving Fund (CWRP) low-interest loans and for the award of Wastewater Infrastructure Fund (WIF) grants and Clean Water Legacy Funds grants and loans. The SFY 2012 PPL is included as Appendix 3 of this Report. Information regarding the CWRP and the other State clean water financing programs is available at the PFA website: www.positivelyminnesota.com/pfa Wastewater infrastructure needs addressed by 2012 PPL project proposals are a subset of, and represent approximately 31 percent of the total number of wastewater project proposals and 41 percent of the overall costs identified by the 2011 WINS Survey.

Wastewater Infrastructure Needs and Capital Costs

This section provides summary information on future wastewater infrastructure needs and corresponding capital costs facing Minnesota communities and sanitary districts. The summary data is based on over eleven-hundred wastewater infrastructure projects identified as future needs in the 2011 WINS survey and/or listed on the current State Fiscal Year 2012 Project Priority List (PPL). Summaries are provided statewide according to types of need (e.g., treatment facilities projects, sewer rehabilitation, etc.), the contrasting needs of Greater Minnesota and the Twin Cities Metropolitan Area, Minnesota's Economic Development Regions, and the proposer's projected time frame (i.e., current 0-5 years, 5-10 years, and 10-20 years). The following charts and tables provide a basic overview of the projected \$3,658 million* in wastewater infrastructure needs.

Chart 1: Statewide Wastewater Infrastructure Needs by Project Type
Total Need = \$3,658 (In millions)



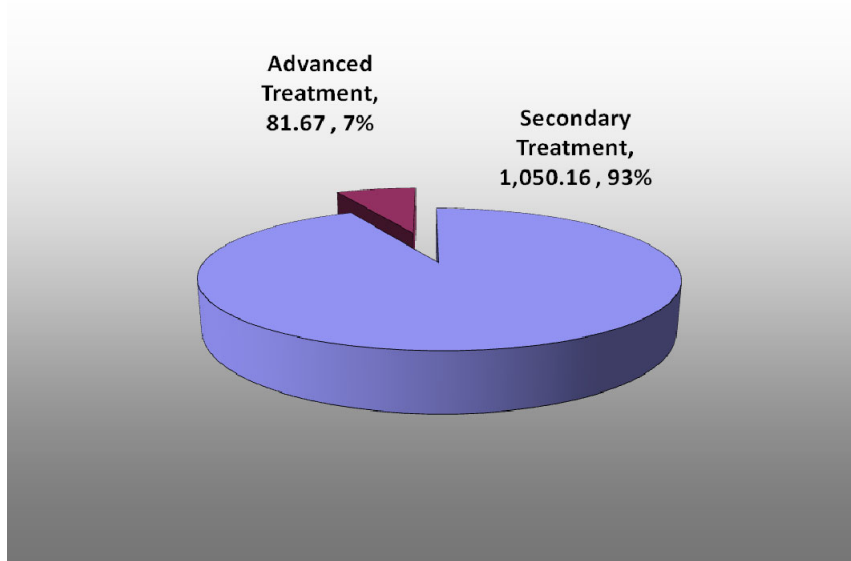
The Unsewered area projects identified in Appendix 2 of this report are limited to those that have requested placement on the CWRP 2012 Project Priority List PPL (For PPL see above discussion of Data Sources). The overall potential need to address unsewered areas with failed or inadequate Subsurface Sewage Treatment Systems (SSTS) is much greater, estimated by the MPCA at approximately 1 billion dollars. For a discussion of SSTS needs please see: A 10-Year Plan to Correct Onsite (ISTS) Sewage Treatment Problems: An MPCA Legislative Report 2004 at: <http://www.pca.state.mn.us/publications/reports/lrwq-wwists-1sy04.pdf>

The \$1,131.82 million dollars in wastewater treatment project costs for the rehabilitation, improvement and expansion of wastewater treatment facilities and processes are distributed between secondary and advanced treatment** as indicated in Chart 2:

*The reported \$3,658 million of overall need of the 2012 Report compares to needs of \$4,340, \$4,526.57, \$3,483.59 and \$2,539.28 reported in 2010, 2008, 2006 and 2004 respectively. The general congruence of the 2008 and 2010 needs suggest that the substantial increases in identified needs over the period 2004 to 2008 should not be understood as representing an actual "on the ground" 80% increase in infrastructure need over a four year period. Rather they are primarily the result of an increase in the number of communities responding to the WINS survey and improvements in the quality of responses with participating communities and sanitary districts providing more thorough and complete responses. The decline of reported needs for the 2012 Report is assumed to be the result of: (a) Almost \$500 million in wastewater construction projects financed by the PFA in SFY 2010-2011, (b) a decline of responses to a WINS survey conducted over a shortened time frame with less follow up, and (b) a possible decline in identified and anticipated projects due to municipal budget constraints

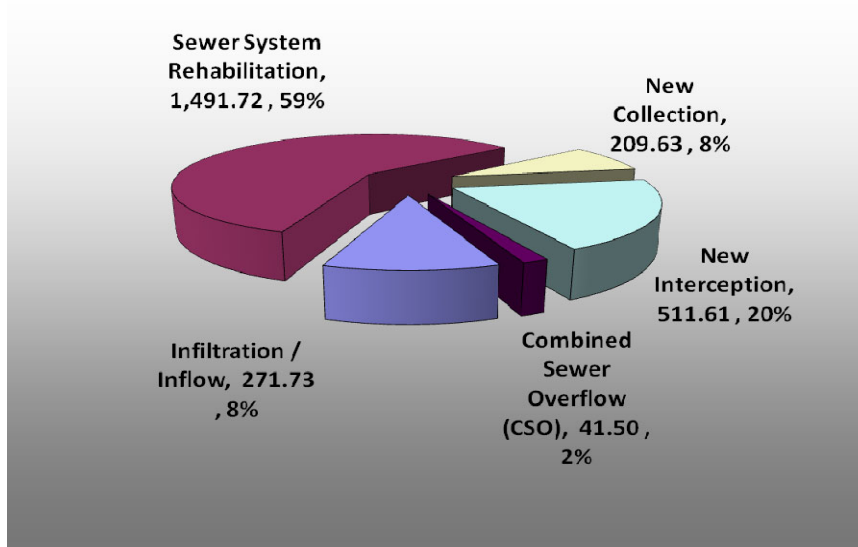
**For descriptions of secondary and advanced treatment please see page10.

**Chart 2: Statewide Distribution of Wastewater Treatment Facility Needs
According to Secondary and Advanced Treatment
(In millions)**



Of the \$2.526 billion dollars of sewer system projects to rehabilitate, improve and expand sewer collection and interceptor systems, costs are distributed as indicated in Chart 3:

Chart 3: Statewide Distribution of Sewer System Needs by Type of Sewer Project (In millions)



Greater Minnesota Needs & MCES Service Area Needs

This section provides summary information on future wastewater infrastructure needs and capital costs facing Greater Minnesota, as compared to the Metropolitan Twin Cities. Metropolitan area wastewater infrastructure needs and capital costs are those of Metropolitan Council Environmental Services (MCES) and the corresponding sanitary sewer system needs of Twin Cities communities receiving wastewater treatment and interceptor services from MCES*.

Chart 4: Distribution of \$3,658 million Statewide Need between Greater Minnesota and the MCES and MCES Service Area Communities (In millions)

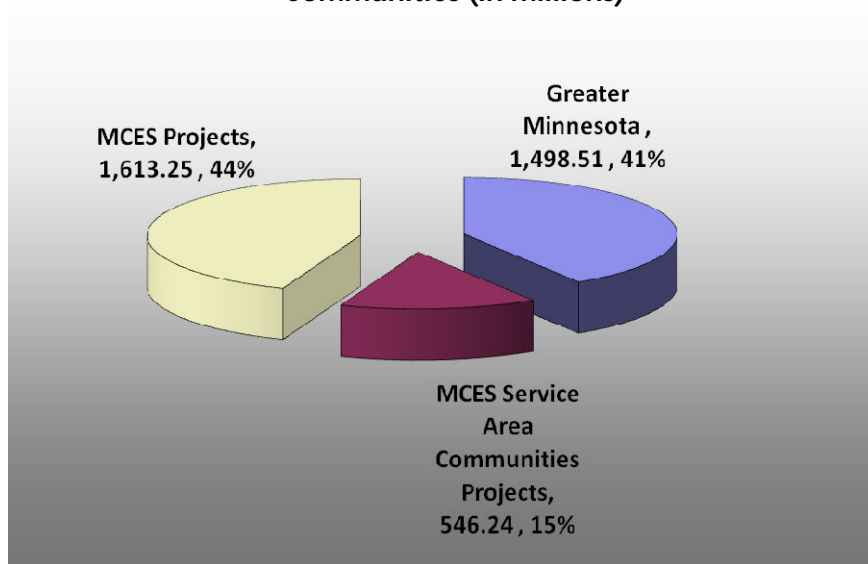
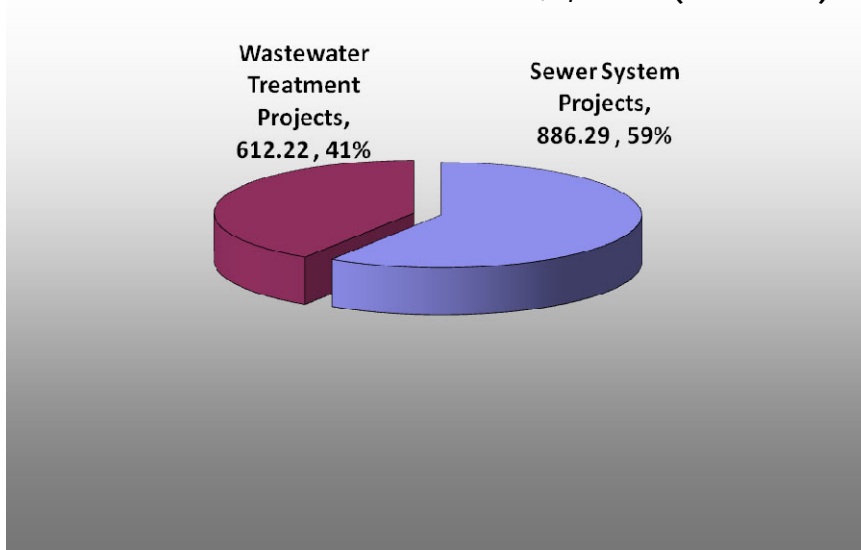


Chart 5: Greater Minnesota Wastewater Infrastructure Needs by Project Type -- Total Greater Minnesota Need = \$1,498.51 (In millions)



*The MCES service area encompasses approximately 180 communities with a total population of: 2,633,609, 53 percent of the State's total population (2000 US Census) Please see Appendix 4 for a list of MCES Service Area Communities.

Chart 6: Greater Minnesota Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type -- Total Greater Minnesota Need = \$1,498.51 (In millions)

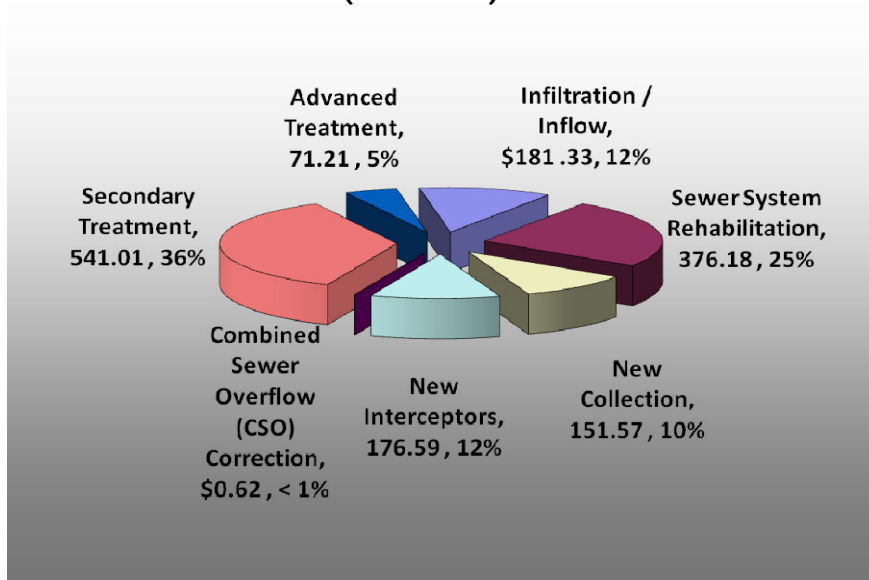
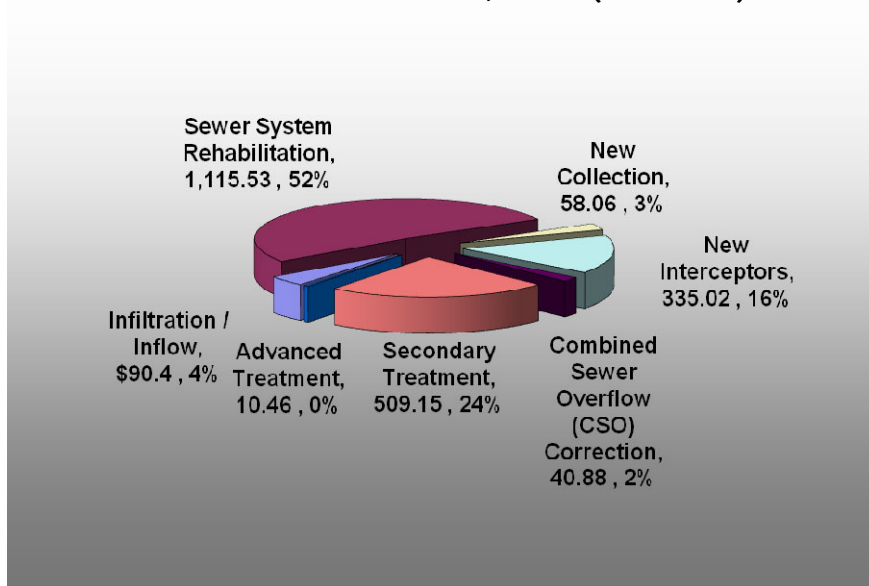


Chart 7: MCES & MCES Service Area Communities Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type – Total Need = \$2,159.49 (In millions)

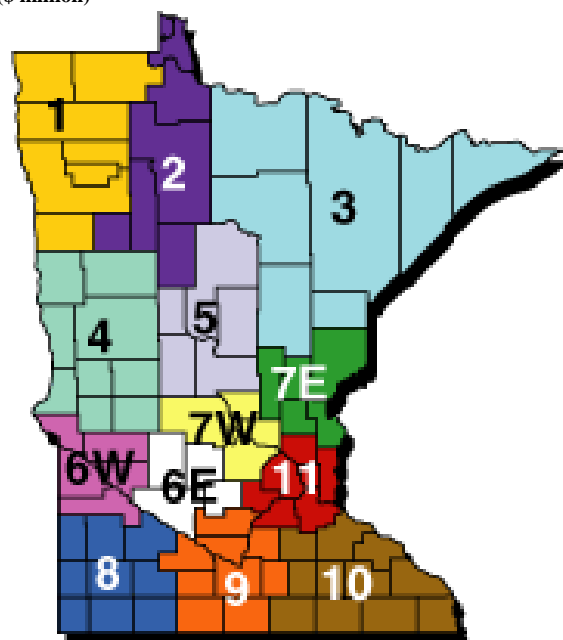


*The comparatively low percentages for “New Collection” may be influenced by a widespread local community policy of requiring residential developers to incorporate wastewater collection construction into development projects. Consequently such capital costs are not reported to the WINS survey which only identifies *public* needs.

Needs by Economic Development Region (EDR)

Table 1: Projected Wastewater Infrastructure Needs by Minnesota's Economic Development Regions (For detail on specific communities by EDR please see Appendix 1)

Economic Development Regions (EDR)	Projected Wastewater Infrastructure Needs (\$ million)
1	37.89
2	37.38
3	327.04
4	77.48
5	66.44
6E	92.78
6W	34.44
7E	110.10
7W	183.07
8	80.97
9	67.06
10	294.07
Subtotal for Greater Minnesota*	1,408.74
11**	2,249.26
Statewide Total:	<u>3,658.00</u>



EDR # 1	Lake of the Woods	Clay	Wadena	EDR # 7E	Cottonwood	Le Sueur	Olmsted
Kittson	Mahnomen	Douglas	EDR # 6E	Chisago	Jackson	Martin	Rice
Marshall	Norman	Grant	Kandiyohi	Isanti	Lincoln	Nicollet	Steele
EDR # 3	Pennington	Otter Tail	McLeod	Kanabec	Lyon	Sibley	Wabasha
Polk	Aitkin	Pope	Meeker	Mille Lacs	Murray	Waseca	Winona
Red Lake	Carlton	Stevens	Renville	Pine	Nobles	Watonswan	EDR # 11
Roseau	Cook	Traverse	EDR # 6W	EDR # 7W	Pipestone	EDR # 10	Anoka
EDR # 2	Itasca	Wilkin	Big Stone	Benton	Redwood	Dodge	Carver
Beltrami	Koochiching	EDR # 5	Chippewa	Sherburne	Rock	Fillmore	Dakota
Clearwater	Lake	Cass	Lac qui Parle	Stearns	EDR # 9	Freeborn	Hennepin
Hubbard	St. Louis	Crow Wing	Swift	Wright	Blue Earth	Goodhue	Ramsey
	EDR # 4	Morrison	Yellow Medicine	EDR # 8	Brown	Houston	Scott
	Becker	Todd			Faribault	Mower	Washington

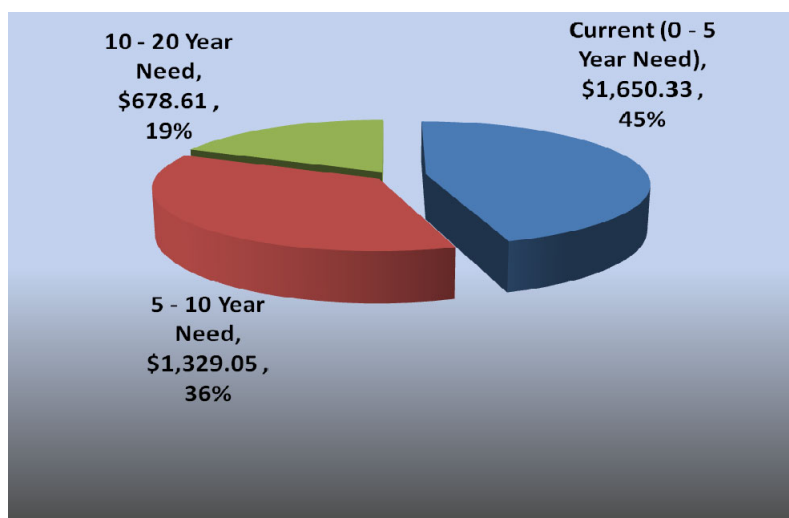
* EDRs 7E & 7W include three Twin Cities Metro Counties: Chisago, Sherburne, and Wright

** Twin Cities Metropolitan Area (includes Metropolitan Council Environmental Services (MCES), MCES Service Area Communities and also a number of exurban communities outside of the MCES Service Area.

Statewide Needs by Timeframe

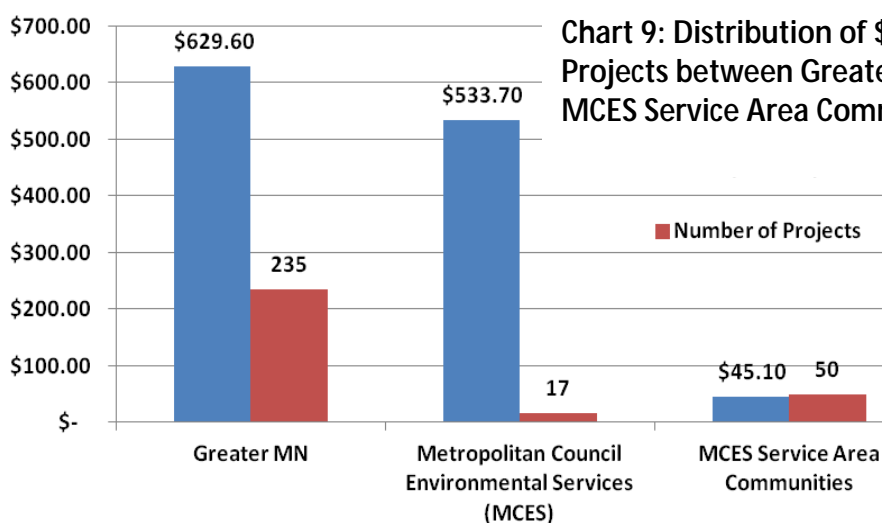
Chart 8 below, illustrates wastewater infrastructure needs according to time frames. As indicated, the majority of costs are identified as current needs. Infrastructure costs of 5-10 years and 10-20 years may be under represented, in part because such costs are unanticipated. In addition, many communities, particularly smaller communities, lack the planning and fiscal resources to engage in strategic and comprehensive capital improvement planning. (See “Appendix 5: Survey Responses and Methodological Considerations” for further discussion of this point.)

**Chart 8: Wastewater Infrastructure Needs by Time Frame
(In millions)**



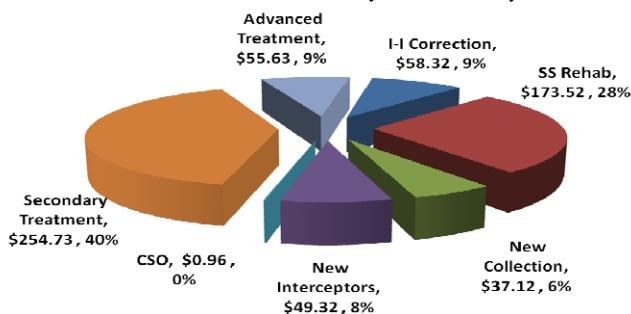
Completed Wastewater Infrastructure Projects 2010 - 2011

During the two year period from January 1, 2010 through December 31, 2011 a total of 302 wastewater infrastructure projects were completed throughout Minnesota for a total cost of \$1.208 billion. The distribution of costs and number of projects between Greater Minnesota, MCES and MCES service area communities are as indicated on the chart below (costs are in millions of dollars). Note that costs are overall totals for projects completed during the time period indicated. For multi-year projects cost may have been initiated and incurred prior to January 1, 2010.



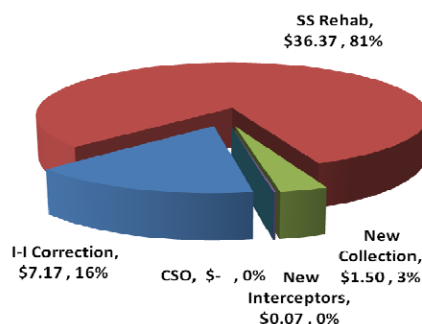
As indicated by Chart 10 in Greater Minnesota, during the two year period from January 1, 2010 through December 31, 2011, construction activities were focused first of all on the rehabilitation, expansion and improvement of “Secondary Treatment” and then on sewer system rehabilitation.

Chart 10: Distribution of \$629.60 of Completed Projects in Greater Minnesota (In millions)



As indicated by Chart 11 the construction activities of MCES Service Area Communities from January 1, 2010 through December 31, 2011, were focused primarily on sewer rehabilitation.

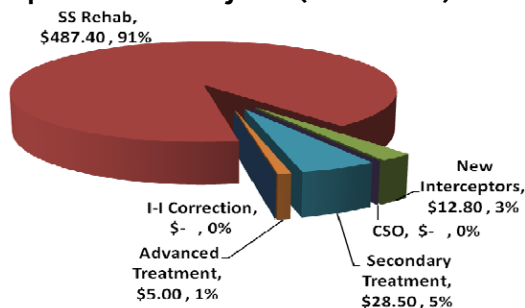
Chart 11: Distribution of \$45.10 of Completed Projects in the MCES Service Area (In millions)



The comparatively low percentages for “New Collection” systems and “New Interceptors” in Greater Minnesota and for MCES Service Area communities may be influenced by a widespread local community policy of requiring residential developers to incorporate wastewater collection construction into development projects. Consequently such capital costs are not reported to the WINS survey which only identifies *public* needs.

As indicated by Chart 12 the construction activities of MCES from January 1, 2010 through December 31, 2011, were focused primarily on interceptor system rehabilitation.

Chart 12: Distribution of \$533.7 of Completed MCES Capital Improvement Projects (In millions)

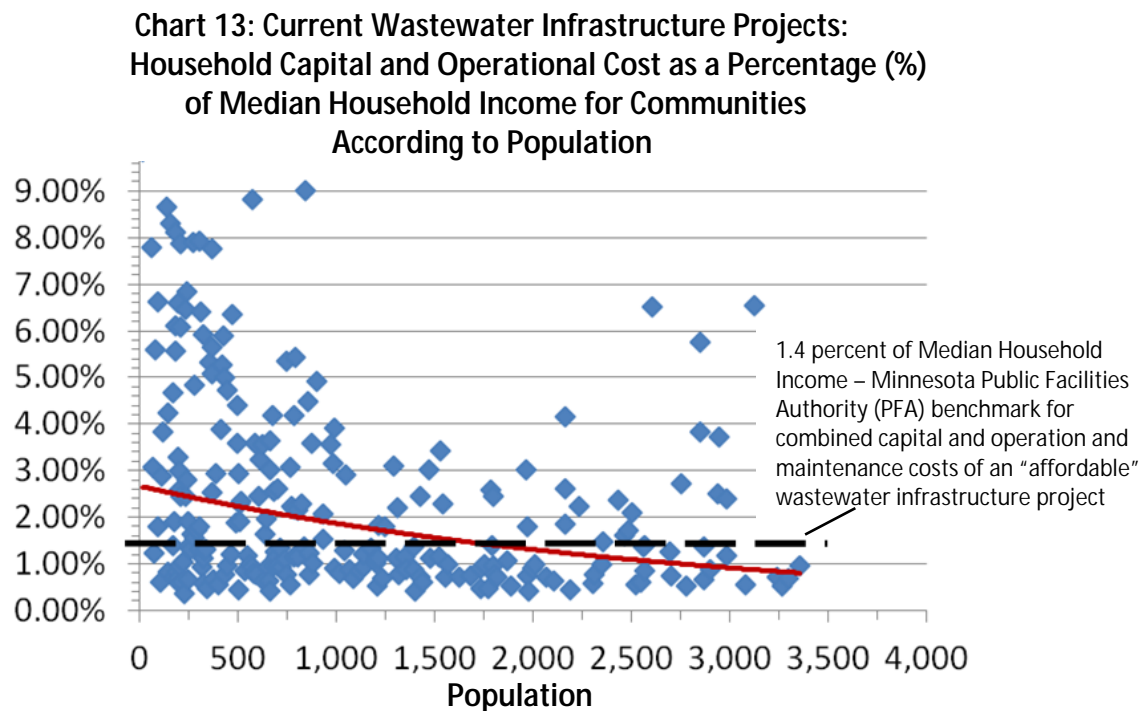


Wastewater Infrastructure Needs, Household Costs and Affordability

This section provides summary information on household costs and a comparative measure of affordability of wastewater infrastructure projects. In determining the effects of infrastructure costs on households, the following assumptions have been made:

- Current (0 – 5 yr.) projects are assigned an estimated market rate loan of 4.50 percent over 20 years.
- Residential connections are assumed to be responsible for providing 90 percent of the debt service payments for individual communities and projects. This general assumption may not apply to specific communities where, for example, a treatment facility's expansion is being funded by industrial development, in which case the residential share of a project could be considerably less than 90 percent.
- With sewer system collection or interceptor costs, affordability figures assume that such costs are spread across the entire community at 90 percent for residential connections, whereas such costs may in fact be localized and limited within communities and paid according to special assessments.

Chart 13 below is a linear regression graph illustrating the relationship between population and household costs. Costs are for current (0 – 5 yrs.) infrastructure projects and operation and maintenance, and are presented on the y axis as a percentage of annual median household income (2000 U.S. Census) *. Population of communities is presented on the x axis. The graph indicates the pronounced effect of economies of scale on household costs and affordability. The Minnesota Public Facilities Authority (PFA) has set 1.4 percent of median household income as a wastewater costs affordability index for Minnesota communities. As indicated, a community needs a population of approximately 1,750 to achieve an affordability index of 1.4 percent.



*Data on median household income was not provided as a part of the 2010 U.S. Census.

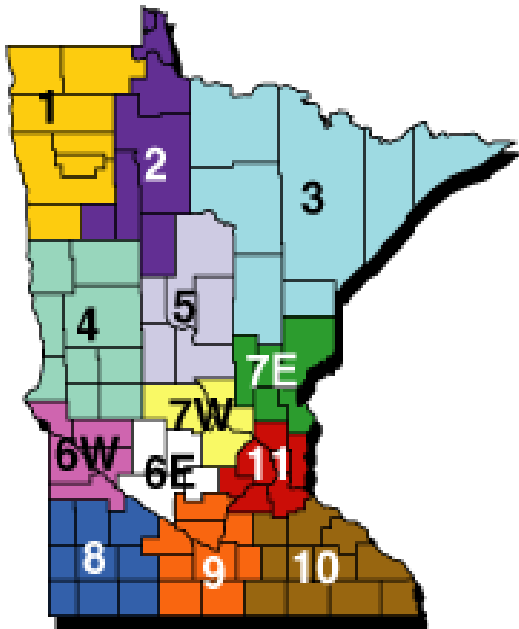
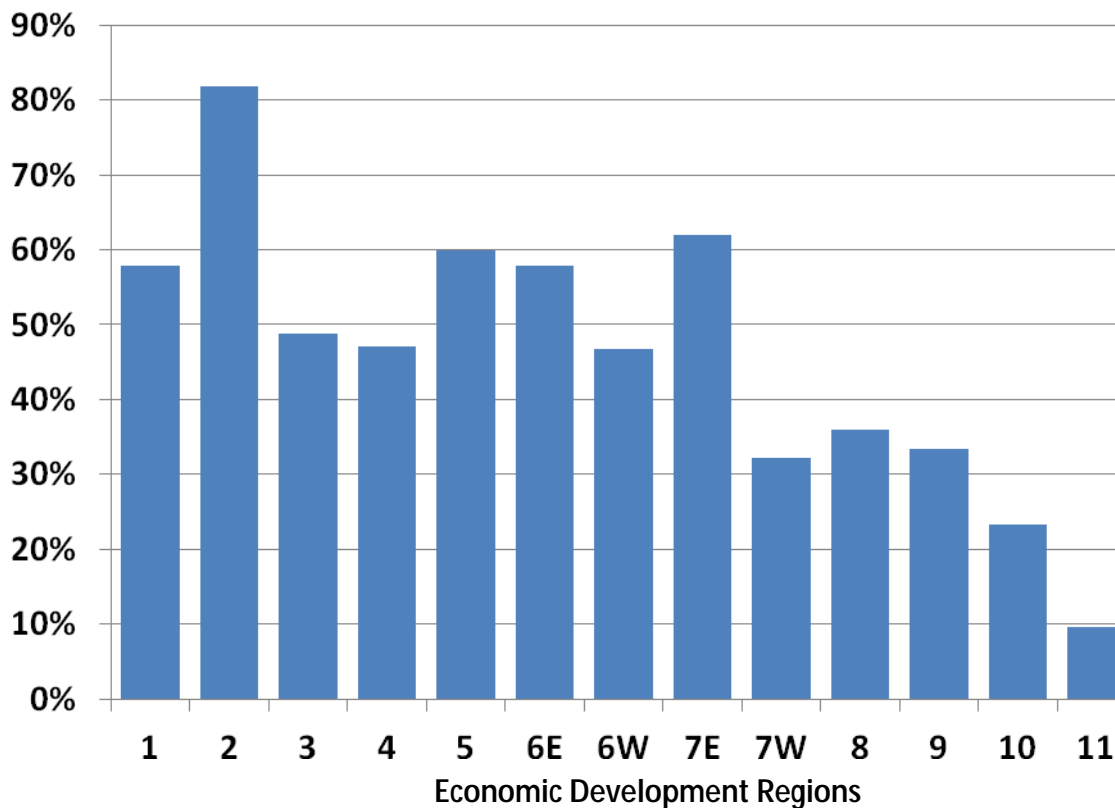


Chart 14 below indicates within each Economic Development Region (EDR) the percentage of communities responding to the WINS survey where the cost of paying for current (0 – 5 yrs.) wastewater infrastructure needs along with operating and maintenance costs exceed is projected to exceed 1.4 percent of median household income.

Chart 14: Percentage of Communities with Wastewater Infrastructure Needs Exceeding 1.4 Percent of Median Household Income



Age & Condition of Existing Wastewater Infrastructure

A report by the American Society of Civil Engineers (ASCE) issued February 2007, describes the nation's aging and deteriorated wastewater infrastructure in which overloaded and inadequate systems "discharge billions of gallons of untreated sewage into U.S. surface waters each year." * The report notes that many collection systems have reached the end of their useful lives and blocked or broken pipes result in the release of raw sewage. The report goes on to cite estimates that a national investment of \$390 billion will be required over the next 20 years to replace existing systems and build new ones to meet increasing demands. How does Minnesota compare to the rest of the nation when it comes to the age and condition of our existing wastewater infrastructure?

Combined Sewer Overflows (CSO): In many areas of the U.S., particularly in major metropolitan areas at and east of the Mississippi River, sewer collection systems constructed prior to the 1950s combined the collection of sanitary wastes and stormwater. During storms when stormwater runoff is high, these combined systems generate flows that greatly exceed the capacity of treatment facilities. Consequently, overflow "relief" discharge points – CSOs – are necessary from which untreated sewage is released to rivers, lakes and streams.

Nationwide CSO discharges of untreated sewage, estimated by EPA (2004) to reach 850 billion gallons per year, continue to be an enormous water quality and public health problem. In many metropolitan areas and states, eliminating CSO discharges comprises a major share of infrastructure needs and costs. In contrast Minnesota has acted effectively to address this problem. Thanks to a concerted funding effort during the 1980s and construction during the 1980s and 1990s, CSO elimination is now a relatively minor problem.

Aged Collection Sewers and Treatment Facilities: The age and condition of Minnesota's collection sewer systems and treatment facilities varies between communities but is primarily a contrast between Greater Minnesota and the Twin Cities MCES service area. In Greater Minnesota the age of collection sewer systems and wastewater treatment facilities suggests that aged infrastructure is significant and extensive and *represents an important challenge*.

The expected useful life of sewer piping manufactured and installed is approximately 40-80 years. Factors including soils, geological conditions, flows, loadings, maintenance and the deterioration of materials will determine the actual life of particular installations. The ongoing condition and serviceability of sewers will vary on a case-by-case basis but performance can be enhanced and extended through effective programs of inspection, maintenance, repair, relining and rehabilitation. Chart 15 "Greater Minnesota Age of Collection Sewer Systems" presents the age of collection sewers in Greater Minnesota. As indicated, 26 percent of sewers in Greater Minnesota are 30 – 50 years old. Correspondingly, 31 percent of Greater Minnesota sewers were installed over 50 years ago.

Sewers installed over 50 years ago are frequently beyond their useful life in part because they were typically constructed of vitrified clay tiles that are not as durable and do not perform at current standards. Accordingly substantial infiltration, inflow, outflow, obstruction and other performance problems tend to be pervasive. Based on current levels of investment in major sewer rehabilitation and replacement (as documented in WINS surveys received) it appears that there may be a significant gap in Greater Minnesota between the deterioration and the replacement of aged-collection sewers.

* Available at the ASCE website: <http://www.infrastructurereportcard.org/fact-sheet/wastewater>

**Chart 15: Greater Minnesota - Age of Collection Sewer Systems
(8,658 miles of sewers surveyed)**

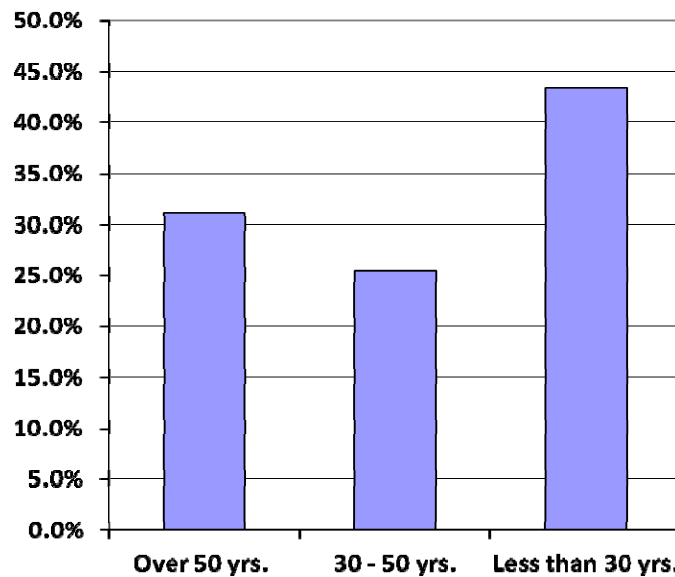
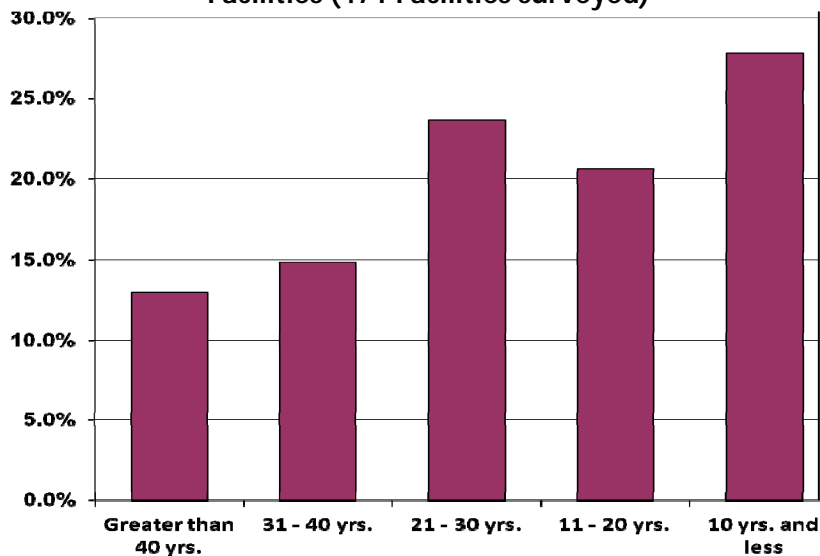


Chart 16 “Greater Minnesota Age of Wastewater Treatment Facilities” indicates the age of treatment facilities in Greater Minnesota.

**Chart 16: Greater Minnesota - Age of Wastewater Treatment
Facilities (471 Facilities surveyed)**



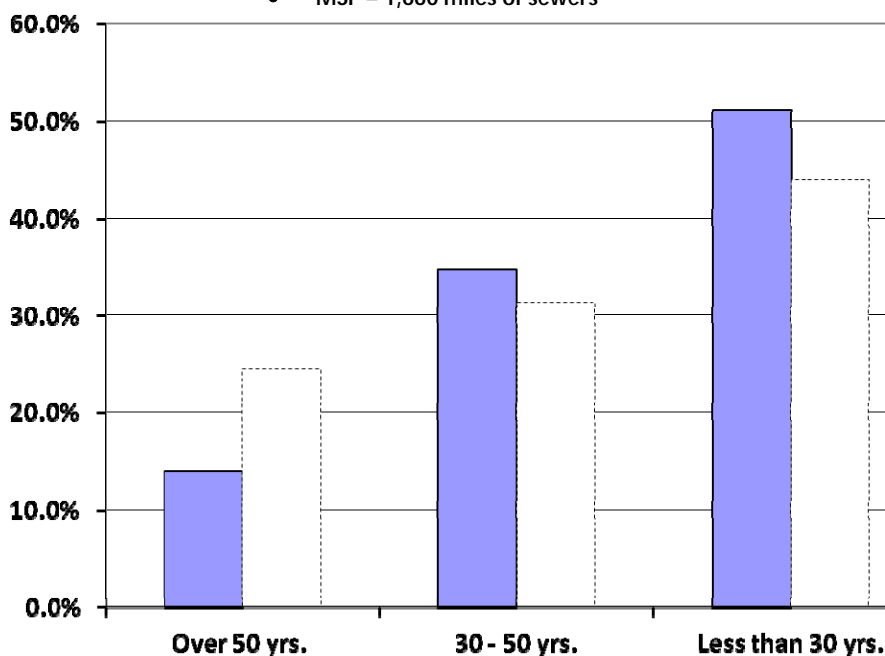
Major structural components of wastewater treatment facilities have an expected useful life of 40 years – dependent in part on operation and maintenance. As these structures deteriorate beyond their useful life, effectiveness declines leading to greater potential for: permit violations, spills and related unintended discharges. While at this point in time, close to 13 percent of Greater Minnesota’s treatment facilities are over 40 years old. In ten years, without reconstruction projects, the percentage would reach approximately 30 percent. This scenario would likely result in significantly increased infrastructure demands and costs.

In the Twin Cities local communities collect sewage from households, businesses, etc. and then route it to the appropriate MCES interceptors. MCES operates an extensive interceptor system conveying wastewater to its treatment facilities for treatment and discharge. Given the extensive revenue base of MCES, and because the overall MCES system is managed for scheduled rehabilitation and improvements according to an extensive long term capital

improvement plan, deteriorated wastewater infrastructure is generally not a consideration. Consequently, within the Twin Cities Metropolitan Area, local community collection sewers comprise the primary consideration relative to aged and deteriorated wastewater infrastructure. The age of collection sewers in the Twin Cities Metropolitan Area, excluding Minneapolis and St. Paul (MSP), is indicated by Chart 17 “MCES Communities (Excluding MSP) Age of Collection Sewer Systems.”

Chart 17: MCES Communities (Excluding MSP) - Age of Collection Sewer Systems

- MCES Communities (Excluding MSP) – 7,431 miles of sewers
- MSP – 1,660 miles of sewers



The blue bars in Chart 17 indicate the age of the Twin Cities Metropolitan Area community collection sewer systems with Minneapolis and St. Paul excluded. (The dotted white bars indicate the comparative data when Minneapolis and St. Paul are included.) The reason for presenting MCES service area data with and without the Twin Cities is as follows: (a) Minneapolis and St. Paul have Capital Improvement Plans (CIP) in place to rehabilitate collection sewers that were not a part of the circa 1980s and 1990s CSO program and, (b) While not minimizing the very substantial investments and the costs being incurred by Minneapolis and St. Paul, these communities have the economies of scale and the established financial resources to complete these projects and are making and planning to continue to make substantial progress in replacing older sewers. Accordingly, in the Twin Cities Metropolitan Area outside of the cities of Minneapolis and St. Paul, 14 percent of collection sewers (1,041 miles) were installed 50 or more years ago. These sewers are primarily in first-ring suburbs and the cities of Stillwater and Hastings. While rehabilitating and replacing these aged sewers will be a significant investment, given the economies of scale of the communities involved this would seem to be a manageable need.

Impaired Waters and TMDLs

Despite decades of progress in cleaning up water pollution, thousands of Minnesota's lakes, rivers and streams are still not healthy enough for people to use safely and enjoy. These polluted, or "impaired," waters do not meet water quality standards and pose risks to people, aquatic life, and recreational opportunities. Impaired waters can contain too much sediment, bacteria, mercury, phosphorus and other contaminants.

The Federal Clean Water Act requires the states to take specific steps to address their polluted waters including:

- Identify and list surface waters that fail to meet applicable water-quality standards.
- Evaluate polluted waters to determine sources of pollution and the amount of reduction needed to restore the waters. (Total Maximum Daily Load Studies (TMDLs))
- Make reasonable progress in cleaning up or restoring these waters.

To date, about 40 percent of the waters that have been assessed in Minnesota are impaired by one or more pollutants (this is consistent with the findings of other states). As more data is gathered, the number of polluted water listings has been growing. In fact, the draft 2012 inventory of impaired waters (EPA approval expected in April 2012) contains a total of 3,638 impaired lakes, river and stream segments, up from 3,049 impairments in 2010. To date, TMDL studies have been completed on over 1,300 impaired waters and implementation activities are underway.

This is a serious environmental, economic development, and legal issue for Minnesota. The Clean Water Legacy Act (CWLA) was passed in the 2006 Legislative Session and provided new policies and additional funding for monitoring and assessment, TMDL development, and restoration activities.

On November 4, 2008, Minnesota voters approved the **Clean Water Land and Legacy Amendment** to the constitution. The Amendment increases the sales and use-tax rate by three-eighths of one percent on taxable sales, starting July 1, 2009, continuing through 2034. Of those funds, approximately 33 percent are dedicated to a Clean Water Fund to protect, enhance, and restore water quality in lakes, rivers, streams, and groundwater, with at least five percent of the fund targeted to protect drinking water sources.

A total of \$150.2 million was appropriated to the Clean Water Fund for the FY 2010-2011 biennium, and another \$179.4 million for FY 2012-2013. In terms of meeting TMDL wastewater requirements, this appropriation included \$21.6 million for the TMDL grants program in FY 10-11 and \$22.37 million for FY 12-13. The TMDL grants program is administered by the Public Facilities Authority with assistance from the MPCA and it provides grants to assist municipalities to meet added wastewater or stormwater requirements to comply with wasteload reductions needed to meet TMDL implementation plan requirements. For more information on this and other biennial appropriations to the Clean Water Fund, see this online webpage at <http://www.pca.state.mn.us/dm0r92d>.

For additional information on impaired waters activities at the Minnesota Pollution Control Agency, see the Agency's TMDL webpage at www.pca.state.mn.us/water/tmdl.

Estimating Future Costs

A number of factors influence the variability between reported estimates of future costs and the actual costs of infrastructure improvements encountered during construction. There are also conditions affecting the availability and timeliness of cost estimates.

The timeframe from when a need is identified and costs are estimated to the completion of construction consists of several phases (described in more detail on Appendix 5):

- Recognition of Need
- Facilities Planning
- Plans and Specifications
- Bidding and Construction

The WINS survey uses three timeframes for cost estimates:

- Current Needs (immediate needs up to five years)
- Five – 10 Year Needs and
- 10 – 20 Year Needs

The longer the timeframe from the initial estimate of future costs to the actual date of construction, the greater the likelihood of variability between the initial estimate and the actual construction costs. Correspondingly, as an anticipated project moves from initial planning to facility planning to the development of construction plans and specifications, cost estimates will become more detailed, refined and precise. There are, however, exceptions to this overall process.

Conditions affecting the availability and timeliness of cost information include:

Cost Estimates from Active Projects

Communities that have already identified a wastewater need and are *actively planning and developing a project* will characteristically have readily available needs and cost information. Such information is likely to be both reasonably accurate and up-to-date. Accordingly, projects currently on the PPL are more likely to have readily available and well-developed cost information than communities not yet actively engaged in assessing and addressing needs.

Community Capabilities, Resources and Expertise

Correspondingly, the accuracy of future cost estimates are also affected by the availability of resources and expertise to:

- Effectively monitor, survey and track the condition of existing infrastructure and ascertain the need for rehabilitation and replacement
- Engage in strategic planning to address growth and expanding capacity needs and
- Estimate project costs, including architectural and engineering specifications, construction costs planning and project administration

Given these factors, the *capability* of a community or sanitary district to estimate the future costs of wastewater treatment has to do with the availability of resources and expertise. The availability of resources and expertise is, in turn, dependent upon the number of connections and the economies of scale within a community or sanitary district. In general, as the population of a service area exceeds 1,000 residents, it becomes increasingly feasible for communities and sanitary districts to engage in capital improvement planning for wastewater infrastructure. Smaller communities that are not faced with an immediate need tend to have problems exercising the administrative capabilities and acquiring the resources necessary to survey or plan for infrastructure improvements.

Average Annual Residential Sewer Charges

Responding to the 2011 WINS Survey, 634 communities identified what they charged for sewer service for an average or typical residential connection at an assumed volume of 60,000 gallons annually/approximately 164 gallons per day. The following table provides various statistical parameters for average annual residential sewer charges in Greater Minnesota and in the MCES Service Area. Greater Minnesota charges are reported by a series of population ranges. The sewer charges of individual communities as reported in response to WINS are listed alphabetically by community and also from highest to lowest charge in *Appendix 6 Average Annual Residential Sewer Charges*.

Greater Minnesota						
	Community Pop.	Average	Low	High	Range	Median
	Under 500	\$ 311.34	\$ 21.25	\$ 797.00	\$ 775.75	\$ 300.00
	500 to 1000	\$ 348.00	\$ 38.00	\$ 947.00	\$ 947.00	\$ 348.00
	1,000 to 2,500	\$ 371.81	\$ 100.52	\$ 926.40	\$ 825.88	\$ 342.20
	2,500 - 5,000	\$ 380.14	\$ 140.28	\$ 708.00	\$ 567.72	\$ 342.48
	5,000 to 10,000	\$ 352.40	\$ 58.60	\$ 744.00	\$ 685.40	\$ 323.40
	10,000 to 25,000	\$ 318.42	\$ 158.16	\$ 600.00	\$ 441.84	\$ 318.00
	Over 25,000	\$ 269.27	\$ 134.00	\$ 473.32	\$ 339.32	\$ 260.87
MCES Service Area (All Communities)						
		Average	Low	High	Range	Median
		\$ 243.47	\$ 118.80	\$ 730.32	\$ 611.52	\$ 224.50

Why is there such Variability in Residential Sewer Charges?

The overall *range* of sewer charges collected by Minnesota communities is considerable. *The variability of charges is the most pronounced characteristic of what local communities collect for sewer use.* Note that on the table, the smallest range of sewer charges (from highest to lowest) is that of Greater Minnesota Communities with a population greater than 25,000 and yet even for this group the highest charge is over 2½ times the lowest. The typical range as identified in the table is that the highest charge is 11 times the lowest. This remarkable variability of costs can be both puzzling and a matter of significant concern to the residents of a community facing sewer charges that are several times those of a neighboring community, where the neighbor is otherwise quite similar in population and other characteristics.

There are a number of factors that affect the variability of charges, many of which are beyond a community's control. These factors include:

- **Stage in the Life Cycle** – Differences in where communities are at in the life cycle of their collection and treatment facilities can account for dramatic differences in sewer charges. This is especially true if communities do not put aside funds for depreciation or long-term capital replacement accounts. For example, if Community #1 has recently constructed a new treatment facilities either for the first time or to replace a deteriorated facility, and has correspondingly made major improvements to its collection system its residential sewer charges are likely to be quite high; particularly if compared to Community #2 that has fully retired the debt on its existing treatment facility and collection system and is not putting anything aside for future replacement.
- **Economies of Scale** – In general, residential customers in smaller communities pay higher sewer charges than customers in larger cities simply because they have fewer users to pay the necessary capital and operational costs. A related issue with respect to constructing wastewater infrastructure, particularly treatment facilities, is that there are certain threshold costs that must be met to build, for example treatment ponds serving a population of 500. Once these costs are met it is incrementally less expensive to construct and operate expanded ponds that will serve a population of 1,000 or 1,500. The costs of such expanded ponds in more populous communities can then be “spread out” over a large base of residential customers.

- **Population Densities and the Structure of Communities** – In providing sewer collection services, population densities and the physical structure of a community can have a significant impact on capital costs, and to a lesser extent operation and maintenance costs. Consider for example an older neighborhood where residential structures are on small lots with streets laid out on a grid as compared to communities with very large lots, scattered development, or winding streets around a lake. The older city grid structure will have lower capital and maintenance costs which should affect residential sewer charges.
- **Different Levels of Treatment** – Geography can significantly affect the cost of providing wastewater treatment. The types of soils and topography in a community, and the required effluent limits to protect the particular receiving water can all have a major impact on the cost of treatment and therefore the residential sewer charges. Also, implementation of the Total Maximum Daily Load (TMDL) program under the provisions of the Federal Clean Water Act to restore Minnesota's impaired water resources will result in more stringent permit requirements for some communities to reduce the inflow of specific pollutants into water resources and watersheds. These advanced treatment requirements, the costs of which are included in the Report, result in additional capital and operation and maintenance expenditures and corresponding increases in residential sewer charges.
- **Asset Management** – Asset management is a utility management tool to help a community systematically track the condition, value, and replacement cost of the major components of its treatment facilities and collection systems. Asset management can help a community ensure that structures and equipment will achieve their maximum service life and to prepare a capital improvement plan to implement cost-effective capital improvements. Asset management can have both financial and environmental benefits, identifying components that must be replaced to prevent failure while avoiding the premature replacement of other major components. Communities with an effective asset management program can implement capital improvements in phases and minimize sewer charges over the long-term.
- **Recover of Costs through Assessments and Property Taxes** – Communities have the option of recovering all of their wastewater costs (i.e., operation and maintenance and the capital costs of treatment facilities and collections systems) through sewer charges. Communities also choose to recover capital costs in particular through property assessments and property taxes. Clearly these choices can have a dramatic impact on residential sewer charges, where the sewer charges can be much higher in a community that recovers all of its costs through the sewer charge, as compared to a community that makes use of property assessments and property taxes – even where the actual overall cost per residential connection is the same.
- **Subsidizing Wastewater Costs** – Although as a rule Minnesota communities operate wastewater utilities as dedicated enterprise funds (i.e., sewer service income through charges and sewer service expenses are kept separate from other municipal funds), communities may also, on occasion subsidize wastewater costs from other city revenue (e.g., municipal liquors), resulting in residential sewer charges that are below what is required to cover costs.
- **Site Availability and Conditions for Soil Based Systems** – For small communities where the cost of a conventional wastewater collection and treatment system is prohibitive, Subsurface Sewage Treatment Systems (SSTS) that serve individual residences, clusters of residences or the full community may be the most practicable alternative. Despite reduced costs of some of these systems, site specific conditions such as small residential lots, unsuitable soil types for treatment, or insufficient depth to high water table, may add significant costs to using a soil-based treatment alternative. Significant cost increases may also be related to discharge standards necessary to protect groundwater and related public health.

Appendices to 2012 Future Wastewater Infrastructure Needs and Capital Costs are bound as a separate document available upon request. The Table of Contents above (page 3) briefly describes the Appendices. The Report and the Appendices will also be available early in 2012 at the MPCA website: <http://www.pca.state.mn.us/hot/legislature/reports/2012/index.html>

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 1		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Kittson	Hallock	1,196 \$0.50
	Kennedy	255 \$0.10
		\$0.60
Marshall	Oslo	347 \$0.58
	Stephen	708 \$2.15
	Warren	1,678 \$0.35
		\$3.08
Pennington	Thief River Falls	8,410 \$1.55
		\$1.55
Polk	Climax	243 \$2.90
	Crookston	8,192 \$1.19
	East Grand Forks	7,501 \$11.66
	Fertile	893 \$0.63
	Fisher	435 \$0.03
	McIntosh	388 \$2.21
	Mentor	150 \$1.85
	Nielsville	91 \$0.15
		\$20.62
Red Lake	Red Lake Falls	1,590 \$0.68
		\$0.68
Roseau	Lake Township (Warroad area	. . . . . \$11.47

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

			\$11.47
<hr/>			
Economic Development Region:	1		
Total Estimated Costs to address identified needs:	\$37.89	million	
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 10		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Dodge	Dodge Center	2,226 \$0.90
	Kasson	4,398 \$1.11
	Mantorville	1,054 \$1.50
		\$3.51
Fillmore	Ostrander	212 \$0.50
	Whalan	. . . . . \$1.01
	Wykoff	460 \$1.63
		\$3.14
Filmore	Chatfield	2,394 \$0.60
		\$0.60
Freeborn	Albert Lea	18,356 \$5.68
	Hartland	288 \$0.34
	Myrtle	63 \$1.01
		\$7.03
Goodhue	Dennison	168 \$0.06
	Kenyon	1,661 \$0.85
	Red Wing	16,116 \$8.62
		\$9.53
Houston	La Crescent	4,923 \$0.80
	Spring Grove	1,304 \$0.19
		\$0.99

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Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Mower

Austin	23,314	\$10.30
Lansing Twp	. . . . .	\$0.65
Le Roy	925	\$4.00
Racine	355	\$0.61
Rose Creek	354	\$0.62
		<hr/>
		\$16.18

Olmsted

Byron	3,500	\$0.57
Rochester	91,264	\$118.15
Stewartville	5,411	\$0.82
Whitewater River Regional W	. . . . .	\$1.63
		<hr/>
		\$121.17

Rice

Faribault	20,818	\$9.98
Lonsdale	1,491	\$8.40
Northfield	11,798	\$5.95
		<hr/>
		\$24.33

Steele

Ellendale	590	\$0.96
Meriden Township	. . . . .	\$3.25
Owatonna	22,434	\$74.20
		<hr/>
		\$78.41

Wabasha

Mazeppa	80	\$0.50
Wabasha	2,599	\$0.53
Zumbro Falls	177	\$0.75
		<hr/>
		\$1.78

Winona

Dakota	329	\$5.25
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Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Goodview	3,373	\$3.35
	Lewiston	1,484	\$1.90
	Minnesota City	235	\$3.23
	Stockton	682	\$1.50
	Winona	27,069	\$0.36
			<hr/>
			\$15.59
Wright			
	Hanover	1,355	\$10.47
	Rockford	3,484	\$2.10
			<hr/>
			\$12.57
<hr/>			
Economic Development Region: 10			
Total Estimated Costs to address identified needs:			\$294.07 million
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 11		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Anoka		
	Andover 26,588	\$4.97
	Bethel 443	\$5.00
	Coon Rapids 61,607	\$5.28
	Fridley 27,449	\$4.60
	St Francis - East & West Facil 4,910	\$11.24
		\$31.09
Carver		
	Carver 1,266	\$9.40
	Chanhassen 20,321	\$9.28
	Chaska 17,449	\$3.00
	Cologne 1,012	\$2.40
	Hamburg 538	\$2.93
	Mayer 404	\$0.79
	New Germany 450	\$8.43
	Norwood Young America 3,108	\$0.85
	Victoria 4,025	\$0.17
	Waconia 6,814	\$2.92
	Watertown 3,029	\$9.40
		\$49.57
Dakota		
	Apple Valley 45,527	\$0.30
	Burnsville 60,220	\$0.30
	Eagan 63,557	\$0.28
	Farmington 12,365	\$9.72

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Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
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Summarized by Economic Development Regions and Counties*

	Hampton	434	\$2.30
	Hastings	18,204	\$1.00
	Lakeville	43,128	\$2.62
	Lilydale	552	\$0.50
	Randolph	318	\$3.72
	South St Paul	20,167	\$0.80
			<hr/>
			\$21.52
Hennepin			
	Bloomington	85,172	\$5.86
	Brooklyn Center	29,172	\$7.85
	Brooklyn Park	67,388	\$8.21
	Corcoran	5,630	\$20.00
	Crystal	22,698	\$1.33
	Eden Prairie	54,901	\$0.17
	Edina	47,425	\$3.26
	Excelsior	2,393	\$0.18
	Hopkins	17,145	\$0.16
	Loretto	570	\$0.03
	Maple Plain	2,088	\$0.66
	Minneapolis	382,618	\$127.50
	Minnetonka	51,301	\$1.15
	Minnetrista	4,358	\$0.68
	Mound	9,435	\$5.90
	New Hope	1,066	\$0.17
	Plymouth	65,894	\$21.58
	Richfield	34,439	\$1.21
	Rogers	3,588	\$15.73
	Shorewood	7,400	\$0.59

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Spring Lake Park	6,772	\$0.20
	St Louis Park	44,126	\$2.65
	Tonka Bay	1,547	\$4.14
	Wayzata	4,113	\$1.20
			<hr/>
			\$230.38
Metro Counties			
	MCES - Metro Council Env. S	0	\$1,613.25
			<hr/>
			\$1,613.25
Ramsey			
	Maplewood	34,947	\$0.25
	Mounds View	12,738	\$0.64
	New Brighton	22,206	\$0.50
	Shoreview	25,924	\$7.53
	St Paul	287,151	\$223.80
	Vadnais Heights	13,069	\$0.43
	White Bear Township	. . . . .	\$1.11
			<hr/>
			\$234.26
Scott			
	Belle Plaine	3,789	\$15.40
	Jordan	3,833	\$4.30
	New Prague	116	\$0.17
	Prior Lake	15,917	\$0.80
	Savage	21,115	\$7.32
	Shakopee	20,568	\$0.39
			<hr/>
			\$28.38
Washington			
	Afton	2,839	\$1.80
	Bayport	3,162	\$0.70
	Birchwood	968	\$0.15

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Hugo	6,363	\$0.22
Lake Elmo	6,863	\$17.10
Mahtomedi	7,563	\$11.26
Newport	1,197	\$0.95
St Paul Park	5,070	\$2.70
Woodbury	46,463	\$11.60
		\$46.49

Economic Development Region: 11

Total Estimated Costs to address identified needs: \$2,249.26 million

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 2		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Beltrami		
	Bemidji 11,917	\$6.91
	Blackduck 696	\$3.17
	Kelliher 294	\$0.19
		\$10.27
Clearwater		
	Clearbrook 551	\$4.29
	Gonvick 294	\$2.70
		\$6.99
Hubbard		
	Akeley 412	\$3.30
	Laporte 145	\$0.35
	Park Rapids 991	\$1.79
		\$5.44
Lake of the Woods		
	Baudette 1,104	\$7.36
	Lake of the Woods County -	\$7.00
		\$14.36
Mahnomen		
	Mahnomen 1,202	\$0.42
		\$0.42
<hr/>		
Economic Development Region: 2		
Total Estimated Costs to address identified needs:		\$37.38 million
<hr/>		

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 3		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Aitkin		
	Aitkin 1,984	\$5.35
	Hill City 479	\$0.60
	McGrath 74	\$0.50
		\$6.45
Carlton		
	Cloquet 11,201	\$0.87
	Cromwell 143	\$0.35
	Moose Lake 2,239	\$4.57
	Scanlon 838	\$1.05
	Wright 93	\$1.60
		\$8.43
Cook		
	Grand Marais 1,353	\$0.95
		\$0.95
Itasca		
	Bigfork 469	\$1.55
	Calumet 383	\$2.23
	Cohasset 2,481	\$2.00
	Coleraine 1,110	\$0.60
	Deer River 903	\$1.48
	Grand Rapids 7,764	\$22.39
	Nashwauk 935	\$4.00
	Taconite 315	\$0.20
	Warba 183	\$2.28
		\$36.73

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Koochiching

Koochiching County	.....	\$15.60
Northome	230	\$5.00
		<hr/>
		\$20.60

Lake

Silver Bay	2,068	\$0.27
Silver Creek	.....	\$13.83
Two Harbors	3,613	\$2.00
		<hr/>
		\$16.10

St Louis

Kabetogama Twnshp - Puck's	.....	\$2.98
		<hr/>
		\$2.98

St. Louis

Aurora	1,850	\$0.19
Babbitt	1,670	\$1.00
Big Lake Area Sanitary Distri	.....	\$10.00
Biwabik	954	\$5.36
Buhl	983	\$1.71
Central Iron Range Sanitary D	.....	\$23.24
Cook	622	\$0.40
Cotton Township	.....	\$1.30
Crane Lake Water & Sanitary	.....	\$3.86
Duluth	86,918	\$32.50
Ely	3,724	\$3.95
Eveleth	3,865	\$5.52
Gilbert	1,847	\$0.80
Hibbing	17,071	\$13.30
Iron Junction	93	\$0.95
Tower	479	\$1.41

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Tower & Breitung Wastewater	0	\$2.71
Virginia	9,157	\$1.50
Western Lake Superior Sanitar	0	\$125.22
White Township	. . . . .	\$0.32
Winton	185	\$0.39
		<hr/> \$235.62

Economic Development Region: 3

Total Estimated Costs to address identified needs: \$327.04 million

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 4		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Becker	Detroit Lakes 7,348	\$0.94
	Lake Park 782	\$1.50
		\$2.44
Clay	Felton 216	\$1.90
	Hawley 1,882	\$0.72
	Hitterdal 201	\$0.83
	Moorhead 32,177	\$21.52
	Sabin 421	\$0.05
		\$25.01
Douglas	Alexandria Lakes Area Sanitar	\$12.36
	Brandon 450	\$1.00
	Evansville 566	\$2.20
	Miltona 279	\$1.26
	Osakis 1,567	\$6.85
		\$23.68
Grant	Ashby 472	\$1.49
		\$1.49
Otter Tail	Dalton 258	\$0.10
	Deer Creek 328	\$0.16
	Dent 192	\$2.00
	Henning 719	\$0.48

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	New York Mills	3,715	\$1.12
	Pelican Rapids	2,374	\$3.97
	Perham	2,559	\$7.75
			<hr/>
			\$15.59
Pope			
	Glenwood	2,594	\$3.65
	Starbuck	1,314	\$0.30
			<hr/>
			\$3.95
Stevens			
	Morris	5,068	\$0.39
			<hr/>
			\$0.39
Traverse			
	Wheaton	1,619	\$2.40
			<hr/>
			\$2.40
Wilkin			
	Rothsay	497	\$2.73
			<hr/>
			\$2.73
<hr/>			
Economic Development Region: 4			
Total Estimated Costs to address identified needs:			\$77.48 million
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 5		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Cass		
	Backus 311	\$6.20
	Cass Lake 860	\$1.85
	Federal Dam 101	\$0.23
	Longville 180	\$0.63
	Walker 1,069	\$3.82
		\$12.72
Crow Wing		
	Baxter 5,555	\$0.06
	Breezy Point 979	\$0.84
	Deerwood 590	\$0.08
	Nisswa 1,953	\$7.25
	Pequot Lakes 947	\$5.55
		\$13.78
Todd		
	Bertha 470	\$4.76
	Browerville 735	\$8.74
	Clarissa 609	\$0.19
	Eagle Bend 595	\$1.32
	Staples 3,104	\$0.85
		\$15.86
Wadena		
	Menahga 1,220	\$0.78
	Sebeka 710	\$0.60
	Wadena 4,294	\$22.87
		\$24.25

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region:	5		
Total Estimated Costs to address identified needs:	\$66.44	million	

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 6E		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Kandiyohi		
	Atwater 1,079	\$1.15
	Kandiyohi 555	\$7.70
	Kandiyohi County - Henderso	\$2.10
	New London 332	\$1.67
	Willmar 18,351	\$8.24
		\$20.86
Kaniyohi		
	Roseland Township	\$1.99
		\$1.99
McLeod		
	Biscay 114	\$0.65
	Lester Prairie 1,377	\$0.14
	Stewart 564	\$22.46
	Winsted 2,094	\$5.05
		\$28.30
Meeker		
	Darwin 276	\$2.84
	Dassel 1,233	\$7.02
	Eden Valley 866	\$1.75
	Grove City 608	\$12.50
		\$24.11
Renville		
	Fairfax 1,295	\$0.27
	Foxhome 143	\$0.75
	Hector 1,166	\$6.68

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** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Morton	442	\$3.83
Olivia	2,570	\$3.23
Sacred Heart	549	\$3.00
		\$17.76
<hr/>		
Economic Development Region: 6E		
Total Estimated Costs to address identified needs:	\$92.78	million
<hr/>		

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 6W		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Big Stone		
	Graceville 605	\$5.73
	Ortonville 2,158	\$1.64
		<hr/> \$7.37
Chippewa		
	Clara City 1,393	\$1.50
		<hr/> \$1.50
Lac qui Parle		
	Bellingham 205	\$0.28
	Dawson 1,539	\$5.20
	Louisburg 26	\$0.56
	Madison 1,768	\$4.25
		<hr/> \$10.29
Swift		
	Benson 3,376	\$1.32
	Murdock 303	\$0.50
		<hr/> \$1.82
Yellow Medicine		
	Canby 1,903	\$9.15
	Granite Falls 3,070	\$4.01
	Hanley Falls 323	\$0.40
		<hr/> \$13.56
<hr/>		
Economic Development Region: 6W		
Total Estimated Costs to address identified needs:		\$34.44 million
<hr/>		

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 7E		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Chisago		
	Amador Township-Almelund	\$2.75
	Chisago Lakes Joint Sewage T 0	\$0.93
	Lindstrom 3,015	\$0.69
	North Branch 8,023	\$9.00
	Rush City 2,102	\$0.72
	Shafer 343	\$1.87
	Stacy 1,278	\$0.01
	Taylors Falls 951	\$0.52
	Wyoming 3,048	\$3.98
		\$20.46
Isanti		
	Cambridge 5,520	\$21.36
	Isanti 2,324	\$4.50
		\$25.86
Kanabec		
	Grasston 105	\$2.15
	Mora 3,193	\$3.76
	Ogilvie 474	\$3.67
	Quamba 98	\$2.91
		\$12.48
Mille Lacs		
	Onamia 847	\$0.14
	Pease 163	\$0.40
	Princeton 3,933	\$3.22
		\$3.76

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Pine

Pine City	3,043	\$30.00
Sandstone	1,549	\$17.83
		\$47.83

Economic Development Region: 7E

Total Estimated Costs to address identified needs: \$110.10 million

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 7W		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Benton		
	Foley 2,154	\$19.00
	Gilman 215	\$0.01
	Sauk Rapids 10,213	\$5.21
		\$24.22
Sherburne		
	Becker 2,673	\$1.02
	Big Lake 6,063	\$1.80
	Elk River 16,447	\$12.48
	Zimmerman 2,851	\$0.86
		\$16.16
Stearns		
	Albany 1,796	\$5.00
	Avon 1,242	\$0.10
	Belgrade 750	\$0.66
	Brooten 649	\$0.32
	Cold Spring 2,975	\$6.63
	Holdingford 736	\$3.13
	Kimball 635	\$2.53
	Paynesville 2,267	\$9.78
	Sartell 9,641	\$22.46
	Sauk Centre 3,930	\$0.45
	St Cloud 59,107	\$21.07
	St Joseph 4,681	\$7.30
	St Martin 278	\$3.00

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Waite Park	6,568	\$0.72
			<hr/>
			\$83.16
Wright	Albertville	3,621	\$1.68
	Buffalo	10,097	\$5.19
	Delano	3,837	\$2.12
	Howard Lake	1,853	\$1.00
	Monticello	7,868	\$17.51
	Montrose	1,143	\$8.71
	St Michael	9,099	\$23.78
			<hr/>
			\$59.99
<hr/>			
	Economic Development Region: 7W		
	Total Estimated Costs to address identified needs:	\$183.07	million
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 8		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Cottonwood		
	Jeffers 396	\$0.89
	Mountain Lake 2,082	\$13.83
	Windom 4,490	\$0.14
		\$14.85
Jackson		
	Jackson 3,501	\$4.81
	Lakefield 1,721	\$11.24
		\$16.05
Lincoln		
	Hendricks 725	\$0.24
	Ivanhoe 679	\$3.50
	Lake Benton 703	\$2.74
		\$6.49
Lyon		
	Cottonwood 1,148	\$0.39
	Marshall 12,778	\$5.60
	Tracy 2,268	\$5.25
		\$11.24
Murray		
	Chandler 276	\$0.50
		\$0.50
Nobles		
	Dundee 102	\$5.03
	Ellsworth 540	\$0.56
	Worthington 11,283	\$5.52
		\$11.12

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Pipestone			
Ihlen	107	\$0.41	
Trosky	116	\$0.65	
			\$1.06
Redwood			
Lamberton	859	\$2.19	
Lucan	226	\$0.60	
Morgan	903	\$8.65	
Redwood Falls	5,459	\$1.39	
Walnut Grove	599	\$4.90	
			\$17.73
Rock			
Luverne	4,617	\$2.14	
			\$2.14
<hr/>			
Economic Development Region: 8			
Total Estimated Costs to address identified needs:		\$80.97	million
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) **9**

County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Blue Earth		
	Lake Crystal 2,420	\$0.63
	Mankato 32,427	\$8.65
	South Bend Twnshp	\$3.56
	Vernon Center 359	\$0.95
		\$13.79
Brown		
	Comfrey 367	\$0.50
	Evan 91	\$0.03
	Sleepy Eye 3,515	\$1.50
		\$2.03
Faribault		
	Blue Earth 3,621	\$4.00
	Faribault County	\$1.07
	Wells, Easton, Minnesota Lak	\$1.50
	Winnebago 1,487	\$4.28
		\$10.85
Le Sueur		
	Cleveland 673	\$0.15
	Le Center 2,240	\$14.62
	Waterville 1,833	\$2.16
		\$16.93
Martin		
	Fairmont 10,889	\$0.05
	Northrop 230	\$2.60
	Sherburn 1,082	\$2.05

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

Appendix 1: 2012 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Trimont	754	\$6.13
	Truman	1,259	\$0.82
			<hr/>
			\$11.66
Nicollet			
	Lafayette	529	\$0.67
	North Mankato	3,883	\$1.90
	St Peter	9,747	\$0.01
			<hr/>
			\$2.58
Sibley			
	Gaylord	2,279	\$1.70
			<hr/>
			\$1.70
Waseca			
	New Richland	1,359	\$1.55
	Waldorf	242	\$1.31
			<hr/>
			\$2.86
Watsonwan			
	Butterfield	564	\$3.25
	St James	4,695	\$1.60
			<hr/>
			\$4.85
<hr/>			
Economic Development Region: 9			
Total Estimated Costs to address identified needs:		\$67.06	million
<hr/>			

* Please note that due to alpha characters in the EDR identifiers, the order in which EDRs are reported is: 1, 10, 11, 2, 3, 4, 5, 6E, 6W, 7E, 7W, 8, 9

** Population from 2000 Census.

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Afton	COUNTY: Washington	POPULATION*:	2,839	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$89,095
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Village Collection System	0.9		SFY 2012 PPL Sewer System Project / Rank: 157		
Village System Treatment	0.9		SFY 2012 PPL Treatment Facilities Project / Rank: 157		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.8	\$138,377	\$125.04	0.140%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Afton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8 (million)</i>					

Aitkin	COUNTY: Aitkin	POPULATION*:	1,984	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,574
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
1st Street NW Sanitary Sewer Reconstruction	0.5		Sewer System Project		
2nd Ave SW Sewer/water	1.433		SFY 2012 PPL Sewer System Project / Rank: 192		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.933	\$148,601		\$149.93	0.610%	
--- 5 - 10 yr. ---					
Sanitary Sewer Reconstruction	0.95		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.95	\$73,032		\$73.69	0.300%	
--- 10 - 20 yr. ---					
Industrial Park/NE Sewer Improvements (County 54)	0.29		Sewer System Project		
Sanitary Sewer Improvements	2.175		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.465	\$189,499		\$191.20	0.778%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Aitkin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.348 (million)</i>					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Akeley	COUNTY: Hubbard	POPULATION*:	412	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,719
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Waste Water Collection Expansion and Rehabilitation		1.5		Sewer System Project	
Waste Water Treatment Expansion and Rehabilitation		1.5		Wastewater Treatment Facilities Project	
not named		0.15		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.15	\$242,159		\$1,217.56	4.557%	
--- 10 - 20 yr. ---					
project not named		0.15		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.15	\$11,531		\$57.98	0.217%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Akeley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>3.3 (million)</i>

Albany	COUNTY: Stearns	POPULATION*:	1,796	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,577
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2002-03 Capital Impr. Project (Lake Ave - 1st St to 3rd St		2.5		Sewer System Project	
Railroad Avenue Project		2.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5	\$384,380		\$488.62	1.547%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Albany as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5 (million)</i>

Albert Lea	COUNTY: Freeborn	POPULATION*:	18,356	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Replace Aeration Blower		1.1		Wastewater Treatment Facilities Project	
Park Avenue Reconstruction		0.23		Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lake Avenue Reconstruction -Clark to William	0.02	Sewer System Project		
Project No. 0301	0.383	Sewer System Project		
West Main Street Sanitary Sewer Extension	0.35	Sewer System Project		
Northwest Water and Sewer Extension	2.1	Sewer System Project		
Effluent Filter Replacement	0.1	Wastewater Treatment Facilities Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.283	\$329,260	\$38.06	0.088%	
--- 5 - 10 yr. ---				
East Side Sewer System Upgrades	1.4	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.4	\$107,626	\$12.44	0.029%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Albert Lea</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>5.683 (million)</i>

Albert Lea - Stables Ar	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Albert Lea - Stables Area		5.4	SFY 2012 PPL Unsewered Area Project / Rank: 84	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.4	\$415,130			
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>Albert Lea - Stables Area</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.4 (million)</i>		

Albertville	COUNTY: Wright	POPULATION*:	3,621	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$58,260
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Greenhaven Sewer Extension		0.48		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.48	\$36,900	\$25.80	0.044%		
--- 5 - 10 yr. ---					
Main Ave. Reconstruct		0.46		Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.46	\$35,363	\$24.73	0.042%
--- 10 - 20 yr. ---			
Future Projects (Sanitary Sewer)	0.74	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.74	\$56,888	\$39.78	0.068%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Albertville</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.68 (million)

Alexandria Lakes Area	COUNTY: Douglas	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
TH29 - Interceptor Improvements		1.325	SFY 2012 PPL Sewer System Project / Rank: 196
CR 82 - Interceptor Improvements		1.0367	SFY 2012 PPL Sewer System Project / Rank: 194
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.3617	\$181,558		
--- 5 - 10 yr. ---			
Interceptor Sewer Improvement		2	Sewer System Project
Year 2008 Treatment Expansion		8	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10	\$768,760		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Alexandria Lakes Area Sanitary District</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			12.362 (million)

Amador Township-Alm	COUNTY: Chisago	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Replace Mounds		2.745	SFY 2012 PPL Treatment Facilities Project / Rank: 248
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.745	\$211,025		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Amador Township-Almelund SSD
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.745 (million)*

Andover	****	COUNTY: Anoka	POPULATION*: 26,588	MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,241
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Yellow Pine lift station		0.65	Sewer System Project	
Aztec Estates Lift Station Upgrades		0.11	Sewer System Project	
Bunker Lake Blvd. Sanitary Sewer		0.14	Sewer System Project	
Rural Reserve Trunk Sanitary Sewer		3.5	Sewer System Project	
Crosstown Boulevard Trunk sewer line		0.5	Sewer System Project	
On-Going New Development Projects		0.065	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.965		\$381,689	\$42.37	0.056%

*Overall cost of projects identified as of January 1, 2012 by the community of Andover
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.965 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Andover

Annandale	COUNTY: Wright	POPULATION*: 2,684	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,929
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Annandale	1.2282		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2282	\$94,419	\$77.39	0.204%

*Overall cost of projects identified as of January 1, 2012 by the community of Annandale
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2282 (million)*

Apple Valley	****	COUNTY: Dakota	POPULATION*: 45,527	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,752
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Lift Station # 3		0.3	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$0.61	0.001%

*Overall cost of projects identified as of January 1, 2012 by the community of Apple Valley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Apple Valley

Ashby	COUNTY: Grant	POPULATION*: 472	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,333
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

New Sanitary Sewers - Eliminate I & I	1.49	SFY 2012 PPL Sewer System Project / Rank:	96
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.49	\$114,545	\$557.25	1.967%

*Overall cost of projects identified as of January 1, 2012 by the community of Ashby
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.49 (million)*

Atwater	COUNTY: Kandiyohi	POPULATION*: 1,079	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,265
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

4th Street South	1.151	SFY 2012 PPL Sewer System Project / Rank:	151
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.151	\$88,484	\$172.75	0.440%

*Overall cost of projects identified as of January 1, 2012 by the community of Atwater
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.151 (million)*

Aurora	COUNTY: St. Louis	POPULATION*: 1,850	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,094
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

2011 Alley Improvement Project	0.08	Sewer System Project	
Phase IV Wastewater Treatment improvements	0.11	Wastewater Treatment Facilities Project	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.19	\$14,606	\$16.19	0.050%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Aurora
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.19 (million)*

Austin	COUNTY: Mower	POPULATION*: 23,314	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Upgrade instrumentation	0.75	Wastewater Treatment Facilities Project	
Dobbins Creek	0.25	Sewer System Project	
High Rate Filters	3.5	SFY 2012 PPL Treatment Facilities Project / Rank: 175	
Admin and Laboratory Improvements	0.75	Wastewater Treatment Facilities Project	
Digester Upgrades - Domestic	2.5	Wastewater Treatment Facilities Project	
Street project	0.3	Sewer System Project	
2011 CIP	0.225	Sewer System Project	
2012 CIP	0.125	Sewer System Project	
Phosphorus reduction	1	Wastewater Treatment Facilities Project	
Force main replacement - Hope Street	0.75	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10.15	\$780,291	\$70.96	0.210%
--- 5 - 10 yr. ---			
Cook Farm Sanitary Sewer	0.15	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.15	\$11,531	\$1.05	0.003%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Austin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.3 (million)</i>			

Avon	COUNTY: Stearns	POPULATION*: 1,242	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,721
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Rehab 3 Lift station	0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$14.72	0.031%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Avon
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)*

Babbitt COUNTY: St. Louis POPULATION*: 1,670 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,229

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Southeast Utility and Street Improvements 1 Sewer System Project

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

1 \$76,876 \$94.13 0.283%

*Overall cost of projects identified as of January 1, 2012 by the community of Babbitt
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)*

Backus COUNTY: Cass POPULATION*: 311 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,875

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Backus Wastewater Improvement 3 Wastewater Treatment Facilities Project

WWTF Improvements 3.2 SFY 2012 PPL Sewer System Project / Rank: 235

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

6.2 \$476,631 \$3,487.55 12.977%

*Overall cost of projects identified as of January 1, 2012 by the community of Backus
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.2 (million)*

Bagley COUNTY: Clearwater POPULATION*: 1,235 MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,125

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Bagley 1.861

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

1.861 \$143,066 \$232.84 1.007%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Bagley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.861 (million)*

Baudette	COUNTY: Lake of the	POPULATION*: 1,104	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,281
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Sewer System Rehab.	3.679	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.679	\$282,827	\$519.48	1.661%
--- 10 - 20 yr. ---			
Sewer System Rehab	3.679	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.679	\$282,827	\$519.48	1.661%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Baudette as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.358 (million)</i>			

Baxter	COUNTY: Crow Wing	POPULATION*: 5,555	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,289
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Hastings Road Utility and Roadway Improvements	0.063	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.063	\$4,843	\$2.27	0.004%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Baxter as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.063 (million)</i>			

Bayport	****	COUNTY: Washington	POPULATION*: 3,162	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,026
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
2012 Sanitary Sewer Lining		0.2	Sewer System Project	
Sanitary Sewer Manhole Rehab		0.5	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.7	\$53,813	\$63.48	0.120%

*Overall cost of projects identified as of January 1, 2012 by the community of Bayport
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Bayport

Becker COUNTY: Sherburne POPULATION*: 2,673 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,714

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Packed Tower Refurbishment	1	Wastewater Treatment Facilities Project
Industrial Manhole Refurbishment	0.02	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.02	\$78,414	\$75.97	0.150%

*Overall cost of projects identified as of January 1, 2012 by the community of Becker
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.02 (million)*

Belgrade COUNTY: Stearns POPULATION*: 750 MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,098

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Treatment Plant Improvements	0.16	Wastewater Treatment Facilities Project
Belgrade	1.305	
Belgrade	1.305	
2011 Sanitary Sewer Improvements	0.25	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.02	\$232,166	\$661.23	2.992%

--- 5 - 10 yr. ---

Sanitary Sewer System - Replacing or CIPP	0.25	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$54.74	0.248%

*Overall cost of projects identified as of January 1, 2012 by the community of Belgrade
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.27 (million)*

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Belle Plaine	COUNTY: Scott	POPULATION*: 3,789	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,272
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Annual Infrastructure Rehabilitation	0.2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.2	\$15,375	\$9.91	0.020%
--- 5 - 10 yr. ---			
Wastewater Treatment Plant Expansion	10	Wastewater Treatment Facilities Project	
South Ravine Interceptor Sewer	2.2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
12.2	\$937,887	\$604.66	1.203%
--- 10 - 20 yr. ---			
Robert's Creek Interceptor Sewer	3	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3	\$230,628	\$148.69	0.296%
Overall cost of projects identified as of January 1, 2012 by the community of Belle Plaine			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			15.4 (million)

Bellingham	COUNTY: Lac qui Parle	POPULATION*: 205	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,083
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Dredgings & Reprapping	0.175	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.175	\$13,453	\$130.19	0.481%
--- 5 - 10 yr. ---			
Lift Station Rehab	0.1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.1	\$7,688	\$74.40	0.275%
Overall cost of projects identified as of January 1, 2012 by the community of Bellingham			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.275 (million)

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Bemidji	COUNTY: Beltrami	POPULATION*: 11,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,072
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Secondary Clarifier Overhaul	0.5	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.5	\$38,438	\$7.41	0.026%
--- 5 - 10 yr. ---			
Sludge Storage Tank with mixer	3.4	Wastewater Treatment Facilities Project	
Disinfection (U.V.)	0.6	Wastewater Treatment Facilities Project	
Bar Screen	0.28	Wastewater Treatment Facilities Project	
Fine Bubble Diffuser Project	0.98	Wastewater Treatment Facilities Project	
Biological Phosphorus Removal	1.15	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.41	\$492,775	\$94.99	0.338%
Overall cost of projects identified as of January 1, 2012 by the community of Bemidji			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.91 (million)			

Bemidji Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Bemidji Twp	0.35	SFY 2012 PPL Unsewered Area Project / Rank: 66	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.35	\$26,907		
Overall cost of projects identified as of January 1, 2012 by the community of Bemidji Twp			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)			

Benson	COUNTY: Swift	POPULATION*: 3,376	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,234
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
12th St. Rehab 1 block	0.65	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

11th St Rehab	0.619	Sewer System Project	
I & I Benson Minnesota	0.05	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.319	\$101,399	\$62.89	0.195%
Overall cost of projects identified as of January 1, 2012 by the community of Benson			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.319 (million)

Bertha	COUNTY: Todd	POPULATION*: 470	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,625
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehab existing WWTF	2.5	SFY 2012 PPL Treatment Facilities Project / Rank: 27	
Sanitary Sewer Replacement	2.264	SFY 2012 PPL Sewer System Project / Rank: 27	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.764	\$366,237	\$1,562.15	6.905%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Bertha as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
<i>4.764 (million)</i>			

Bethel	COUNTY: Anoka	POPULATION*: 443	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,125
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Treatment Plant Expansion	5	SFY 2012 PPL Treatment Facilities Project / Rank: 76	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5	\$384,380	\$2,321.76	5.145%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Bethel</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5 (million)</i>

Big Lake	COUNTY: Sherburne	POPULATION*: 6,063	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,658
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
TH25 & CR14 Utility Extension	1.8	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.8	\$138,377	\$58.83	0.116%

*Overall cost of projects identified as of January 1, 2012 by the community of Big Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8 (million)*

Big Lake Area Sanitary	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Facility Plan		10	SFY 2012 PPL Unsewered Area Project / Rank: 282

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10	\$768,760		

*Overall cost of projects identified as of January 1, 2012 by the community of Big Lake Area Sanitary District - Fond du Lac
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10 (million)*

Bigfork	COUNTY: Itasca	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Treatment Pond Improvement		1.551	SFY 2012 PPL Treatment Facilities Project / Rank: 321

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.551	\$119,235	\$515.92	2.135%

*Overall cost of projects identified as of January 1, 2012 by the community of Bigfork
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.551 (million)*

Birchwood	COUNTY: Washington	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Manhole Ring Rehabilitation		0.03	Sewer System Project
Lift station Pump Replacement		0.022	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.052	\$3,998	\$10.08	0.012%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

--- 10 - 20 yr. ---

Sanitary Sewer Rehabilitation	0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$19.38	0.024%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Birchwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.152 (million)</i>

Biscay	COUNTY: McLeod	POPULATION*:	114	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Potential SSTs		0.65		SFY 2012 PPL Unsewered Area Project / Rank: 20	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.65	\$49,969	\$999.39	2.016%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Biscay as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.65 (million)</i>

Biwabik	COUNTY: St. Louis	POPULATION*:	954	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,359
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Pond Expansion - 1 Primary, 1 Secondary		5.364		SFY 2012 PPL Treatment Facilities Project / Rank: 89	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
5.364	\$412,363	\$817.46	2.883%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Biwabik as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5.364 (million)</i>

Blackduck	COUNTY: Beltrami	POPULATION*:	696	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,848
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab. Collection System		1.587		SFY 2012 PPL Sewer System Project / Rank: 79	
Expand Ponds & Land App. Site		1.587		SFY 2012 PPL Treatment Facilities Project / Rank: 79	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.174	\$244,004	\$722.38	3.306%

*Overall cost of projects identified as of January 1, 2012 by the community of Blackduck
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.174 (million)*

Bloomington	***	COUNTY: Hennepin	POPULATION*: 85,172	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,628
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

2004 Lift Station Capital Improvement Project (Proposed)	1.5	Sewer System Project
Sewer Mainline Upgrades - 5 year CIP	2.36	Sewer System Project
Sanitary Sewer Cure in Place Pipe Project	2	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.86	\$450,493	\$11.14	0.020%

*Overall cost of projects identified as of January 1, 2012 by the community of Bloomington
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.86 (million)*

*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Bloomington

Blue Earth	COUNTY: Faribault	POPULATION*: 3,621	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,940
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Trunk Highway 169 reconstruction	0.74	Sewer System Project
Ten Year Street Improvement program	1	Sewer System Project
Repair/Replacement Anaerobic Digester Covers	0.55	SFY 2012 PPL Treatment Facilities Project / Rank: 1
Lift Station Replacement	0.608	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.898	\$222,787	\$130.62	0.374%

--- 5 - 10 yr. ---

Ten Year Street Improvement program	1.1	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.1	\$84,564	\$49.58	0.142%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Blue Earth**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **3.998 (million)**

Brandon	COUNTY: Douglas	POPULATION*: 450	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 10 - 20 yr. ---			
Collection System Replacement		1	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$369.99	1.287%

Overall cost of projects identified as of January 1, 2012 by the community of **Brandon**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1 (million)**

Breezy Point	COUNTY: Crow Wing	POPULATION*: 979	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,000
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Aspen and Birch Lane		0.065	Sewer System Project
Timberlane Point Extension		0.7	Sewer System Project
Golf Woods		0.075	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.84	\$64,576	\$140.72	0.320%

Overall cost of projects identified as of January 1, 2012 by the community of **Breezy Point**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.84 (million)**

Brooklyn Center ****	COUNTY: Hennepin	POPULATION*: 29,172	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,570
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Wangstad Park Neighborhood Reconstruction		1.699	Sewer System Project
51st Avenue (at Brooklyn Blvd)		0.074	Sewer System Project
Kylawn Park Neighborhood Reconstruction		1.939	Sewer System Project
63rd Avenue N. Reconstruction		0.919	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

Freeway Park Neighborhood Reconstruction	1.373	Sewer System Project
Palmer Lake West Neighborhood Reconstruction	1.37	Sewer System Project
18" Trunk Sewer replacement - Shingle Creek Crossing	0.05	Sewer System Project
Humboldt Avenue N. (53rd to 57th) Reconstruction	0.303	Sewer System Project
Emergency Generator Replacement for lift Station No 2	0.125	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
7.852	\$603,630	\$47.53
Annual Household Cost as % MHI		0.107%
Overall cost of projects identified as of January 1, 2012 by the community of Brooklyn Center		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		7.852 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of		Brooklyn Center

Brooklyn Park	****	COUNTY: Hennepin	POPULATION*: 67,388	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,572
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---				
Growth area 2013-2018		0.82	Sewer System Project	
General Rehab 2013-2018		2.3	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.12	\$239,853	\$8.84	0.016%	
--- 10 - 20 yr. ---				
General Rehab 2019-2029		1.75	Sewer System Project	
2018-2038 Replacement of water metering system		3.34	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.09	\$391,299	\$14.41	0.025%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Brooklyn Park</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>8.21 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Brooklyn Park				

Brooten	COUNTY: Stearns	POPULATION*: 649	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,625	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---				
Industrial Park Improvements	0.323	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.323	\$24,831	\$80.39	0.226%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Brooten**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.323 (million)**

Browerville	COUNTY: Todd	POPULATION*:	735	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Facility Improvements		2.79		SFY 2012 PPL Treatment Facilities Project / Rank:	222
Sanitary Sewer & Watermain Improvement Project		0.26		Sewer System Project	
Wastewater/Water improvements 2010		1.55		SFY 2012 PPL Sewer System Project / Rank:	222
Wastewater Treatment Facility		4.144		SFY 2012 PPL Treatment Facilities Project / Rank:	222
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
8.744	\$672,204		\$1,902.46	7.247%	

Overall cost of projects identified as of January 1, 2012 by the community of **Browerville**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **8.744 (million)**

Browns Valley	COUNTY: Traverse	POPULATION*:	690	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,563
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Browns Valley		6.1865			
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
6.1865	\$475,593		\$1,501.87	5.654%	

Overall cost of projects identified as of January 1, 2012 by the community of **Browns Valley**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **6.1865 (million)**

Buffalo	COUNTY: Wright	POPULATION*:	10,097	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,573
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Capital Improvement Plan (1-5 Years)		2.54		SFY 2012 PPL Sewer System Project / Rank:	254
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
2.54	\$195,265		\$47.47	0.096%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Capital Improvement Plan (6 - 10 year)	1.66	SFY 2012 PPL Sewer System Project / Rank:	254
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.66	\$127,614	\$31.02	0.063%

--- 10 - 20 yr. ---

Capital Improvement Plan (11-15 year)	0.99	SFY 2012 PPL Sewer System Project / Rank:	254
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.99	\$76,107	\$18.50	0.037%

Overall cost of projects identified as of January 1, 2012 by the community of Buffalo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.19 (million)

Buhl COUNTY: St. Louis POPULATION*: 983 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,574

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Advance Treatment	0.855	SFY 2012 PPL Treatment Facilities Project / Rank:	190
Rehab. Collection System	0.855	SFY 2012 PPL Sewer System Project / Rank:	190

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.71	\$131,458	\$292.13	0.925%

Overall cost of projects identified as of January 1, 2012 by the community of Buhl as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.71 (million)

Burnsville **** COUNTY: Dakota POPULATION*: 60,220 MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,965

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

McAndrews Lift Station Rehab	0.3	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$0.88	0.002%

Overall cost of projects identified as of January 1, 2012 by the community of Burnsville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Burnsville

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Butterfield	COUNTY: Watonwan	POPULATION*:	564	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,904
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
City of Butterfield Wastewater Treatment Expansion 2010		3.25	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.25	\$249,847		\$969.23	3.241%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Butterfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>3.25 (million)</i>

Byron	COUNTY: Olmsted	POPULATION*:	3,500	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$58,879
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
UV Disinfection	0.57		Wastewater Treatment Facilities Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.57	\$43,819		\$33.45	0.057%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Byron as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.57 (million)</i>

Calumet	COUNTY: Itasca	POPULATION*:	383	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
SE Area Utility Extensions		0.42		Sewer System Project	
Sanitary Sewer Reconstruction		0.493		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.913	\$70,188		\$389.93	1.753%	
--- 10 - 20 yr. ---					
Sanitary Sewer Reconstruction		1.321		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.321	\$101,553		\$564.18	2.536%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Calumet
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.234 (million)*

Cambridge	COUNTY: Isanti	POPULATION*: 5,520	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,313
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2014 Street Improvements	0.459	Sewer System Project	
Secondary Digester Cove Replacement	0.733	Wastewater Treatment Facilities Project	
Biosolids Storage and Digestion	5	Wastewater Treatment Facilities Project	
Primary Digester Rehab, Prelim. Treatment Improv.	3.5	Wastewater Treatment Facilities Project	
2011 Street Improvements	0.531	Sewer System Project	
2011 Flanders Street	0.162	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10.385	\$798,357	\$321.20	0.910%
--- 5 - 10 yr. ---			
2016 Street Improvements	0.369	Sewer System Project	
Expansion, Third Oxidation Ditch Clarifier, Effluent Filter	5.5	Wastewater Treatment Facilities Project	
2018 Street Improvement	0.531	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.4	\$492,006	\$197.95	0.561%
--- 10 - 20 yr. ---			
2009 North Garfield Street	0.108	Sewer System Project	
2009 North Flanders Street	0.216	Sewer System Project	
2011 North Main Street Trunk Utilities	2.063	Sewer System Project	
2016 Paul's Lake Trunk Utilities	2.187	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.574	\$351,631	\$141.47	0.401%
Overall cost of projects identified as of January 1, 2012 by the community of Cambridge			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		21.359 (million)	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Canby	COUNTY: Yellow Medi	POPULATION*:	1,903	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,533
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Pump Station Improvement	0.75		Wastewater Treatment Facilities Project		
Sewer rehab	2.1		SFY 2012 PPL Sewer System Project / Rank: 102		
East Side Infrastructure Improvement Project	6.3		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
9.15	\$703,415		\$751.87	2.731%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Canby</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.15 (million)</i>					

Carver	COUNTY: Carver	POPULATION*:	1,266	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$65,083
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Comprehensive sanitary sewer lines and lift station		9.4	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
9.4	\$722,634		\$1,420.02	2.182%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Carver</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.4 (million)</i>					

Cass lake	COUNTY: Cass	POPULATION*:	860	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$20,583
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Cass Lake Wastewater Improvements	0.682		SFY 2012 PPL Treatment Facilities Project / Rank:		
Cass Lake Wastewater Improvements	1.165		SFY 2012 PPL Sewer System Project / Rank: 121		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.847	\$141,990		\$386.08	1.876%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Cass lake</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.847 (million)</i>					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Cedar Mills	COUNTY: Meeker	POPULATION*:	53	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,875
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Cedar Mills		0.3			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.3	\$23,063		\$798.33	2.165%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Cedar Mills</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.3 (million)</i>

Center City	COUNTY: Chisago	POPULATION*:	582	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,594
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Center City		0.13			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.13	\$9,994		\$46.36	0.095%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Center City</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.13 (million)</i>

Central Iron Range San	COUNTY: St. Louis	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Regionalized WWTF		11.62		SFY 2012 PPL Sewer System Project / Rank:	13
Regionalized WWTF		11.62		SFY 2012 PPL Treatment Facilities Project / Rank:	13
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
23.24	\$1,786,598				
<i>Overall cost of projects identified as of January 1, 2012 by the community of Central Iron Range Sanitary District</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>23.24 (million)</i>

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Chandler	COUNTY: Murray	POPULATION*: 276	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,875
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Wastewater Ponds Capacity Increase	0.25	Wastewater Treatment Facilities Project	
Wastewater Ponds Capacity increase	0.25	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$306.14	1.139%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Chandler</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)</i>			

Chanhassen	***	COUNTY: Carver	POPULATION*: 20,321	MEDIAN HOUSEHOLD INCOME (MHI)*: \$84,215
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Sewer Replacement		0.33	Sewer System Project	
LB-5 Sanitary Sewer Extension (North)		0.976	Sewer System Project	
2010 MUSA Sanitary Lift Station		1.5	Sewer System Project	
Lift Station 10 Improvements		0.36	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.166	\$243,389	\$31.68	0.038%	
--- 5 - 10 yr. ---				
LB-3 Sanitary sewer extension		1.735	Sewer System Project	
Sanitary Sewer Rehab. & Replacement		0.33	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.065	\$158,749	\$20.66	0.025%	
--- 10 - 20 yr. ---				
LB-1 Sanitary Sewer Extensin		4.05	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.05	\$311,348	\$40.53	0.048%	
Overall cost of projects identified as of January 1, 2012 by the community of Chanhassen				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			9.281 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Chanhassen				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Chaska	****	COUNTY: Carver	POPULATION*: 17,449	MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,325
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Chaska Township Interceptor		0.5	Sewer System Project	
Southwest Industrial Trunk		0.3	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.8		\$61,501	\$9.07	0.015%
--- 5 - 10 yr. ---				
Pavement management plan		2.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.2		\$169,127	\$24.94	0.041%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Chaska</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>3 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Chaska				

Chatfield	COUNTY: Fillmore	POPULATION*: 2,394	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,023
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Video Survey of Sanitary Sewer Mains	0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$7.44	0.017%
--- 5 - 10 yr. ---			
Inflow & Infiltration	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$37.20	0.084%
Overall cost of projects identified as of January 1, 2012 by the community of Chatfield			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)			

Chisago Lakes Joint Se	COUNTY: Chisago	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Remodel Commission # 2 Lift Station	0.4	Sewer System Project
Plant Generator Emissions Improvements	0.065	Wastewater Treatment Facilities Project
Cleaning of Old Treatment Ponds	0.065	Wastewater Treatment Facilities Project
Relocate Stacy Forcemain	0.4	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.93	\$71,495	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2012 by the community of Chisago Lakes Joint Sewage Treatment Commissi		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		0.93 (million)

Clara City	COUNTY: Chippewa	POPULATION*: 1,393	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,306
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
2011 Utility and Street Improvement Project	1.5	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.5	\$115,314	\$175.61	0.512%
Overall cost of projects identified as of January 1, 2012 by the community of Clara City			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.5 (million)

Clarissa	COUNTY: Todd	POPULATION*: 609	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,125
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Rehabilitation of W Leslie Ave Sewers	0.185	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.185	\$14,222	\$50.00	0.199%
Overall cost of projects identified as of January 1, 2012 by the community of Clarissa			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.185 (million)

Clearbrook	COUNTY: Clearwater	POPULATION*: 551	MEDIAN HOUSEHOLD INCOME (MHI)*: \$19,091
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Clearbrook Sanitary Sewer Rehabilitation	4.253	Sewer System Project	
WWTF Piping Improvments	0.032	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.285	\$329,414	\$1,250.94	6.553%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>Clearbrook</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>4.285 (million)</i>

Cleveland	COUNTY: Le Sueur	POPULATION*:	673	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,458
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
2ns street rehab	0.15		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.15	\$11,531		\$41.18	0.089%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Cleveland</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.15 (million)</i>

Climax	COUNTY: Polk	POPULATION*:	243	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,688
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
to be determined		2.9	SFY 2012 PPL Sewer System Project / Rank: 154		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.9	\$222,940	\$1,775.63	7.192%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Climax</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2.9 (million)</i>			

Cloquet	COUNTY: Carlton	POPULATION*:	11,201	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,675
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
18th Street Reconstruction - Wilson Ave. to Prospect Ave.	0.155		Sewer System Project		
Reconstruct Allen Street Lift Station	0.2		Sewer System Project		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

22nd Street Reconstruction - Carlton to Prospect	0.126	Sewer System Project
Annual I/I Reduction Improvement Program	0.25	Sewer System Project
3rd Street Reconstruction - Cloquet Avenue to Carlton Av	0.11	Sewer System Project
Skyline Boulevard Reconstruction	0.025	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.866	\$66,575	\$12.92
Annual Household Cost as % MHI		0.036%
Overall cost of projects identified as of January 1, 2012 by the community of Cloquet		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.866 (million)

Cohasset	COUNTY: Itasca	POPULATION*: 2,481	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,054
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Collection System Expansion	2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2	\$153,752	\$144.14	0.327%
Overall cost of projects identified as of January 1, 2012 by the community of Cohasset			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			2 (million)

Cold Spring	COUNTY: Stearns	POPULATION*: 2,975	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
1st and 2nd Street North	0.09	Sewer System Project	
2nd Avenue North	0.15	Sewer System Project	
Red River 1 CSAH 2	0.51	Sewer System Project	
Brewery Hill Phase A	0.484	Sewer System Project	
5th Ave/CSAH 50	0.18	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.414	\$108,703	\$87.66	0.234%
--- 5 - 10 yr. ---			
Brewery Hill Phase B	0.346	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.346	\$26,599	\$21.45	0.057%

--- 10 - 20 yr. ---

Funeral Home / River	0.27	Sewer System Project
New Development and Rehabilitation	4.6	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.87	\$374,386	\$301.92	0.805%

*Overall cost of projects identified as of January 1, 2012 by the community of Cold Spring
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.63 (million)*

Coleraine	COUNTY: Itasca	POPULATION*:	1,110	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,681
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- 5 - 10 yr. ---

Collection System Rehabilitation	0.6	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$93.71	0.242%

*Overall cost of projects identified as of January 1, 2012 by the community of Coleraine
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)*

Cologne	COUNTY: Carver	POPULATION*:	1,012	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$54,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- 5 - 10 yr. ---

WWTP Expansion	2.4	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.4	\$184,502	\$431.30	0.790%

*Overall cost of projects identified as of January 1, 2012 by the community of Cologne
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.4 (million)*

Comfrey	COUNTY: Brown	POPULATION*:	367	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,938
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Highway 258 Project	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$216.21	0.699%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Comfrey</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.5 (million)

Cook	COUNTY: St. Louis	POPULATION*: 622	MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,607
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Stabilization Pond Upgrades	0.2	Wastewater Treatment Facilities Project	
1st Ave SW	0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.4	\$30,750	\$100.64	0.466%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Cook</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.4 (million)

Coon Rapids	****	COUNTY: Anoka	POPULATION*: 61,607	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,550
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
VCP Sewer Rehab	5.28	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.28	\$405,905	\$16.18	0.029%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Coon Rapids</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				5.28 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Coon Rapids				

Corcoran	****	COUNTY: Hennepin	POPULATION*: 5,630	MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,984
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sewer and Water Utility Project	20	Sewer System Project		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
20	\$1,537,520	\$775.65	0.982%

Overall cost of projects identified as of January 1, 2012 by the community of Corcoran as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 20 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Corcoran

Cotton Township	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Cotton Township		0.6494	SFY 2012 PPL Unsewered Area Project / Rank: 317
Cotton Township		0.6494	SFY 2012 PPL Unsewered Area Project / Rank: 317

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2988	\$99,847		

Overall cost of projects identified as of January 1, 2012 by the community of Cotton Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2988 (million)

Cottonwood	COUNTY: Lyon	POPULATION*: 1,148	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,792
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Telemetry System Upgrades		0.11	Sewer System Project
Cottonwood Phase # 2		0.166	SFY 2012 PPL Sewer System Project / Rank: 226
Rehab/expand existing system		0.1166	SFY 2012 PPL Sewer System Project / Rank: 226

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3926	\$30,182	\$60.10	0.151%

Overall cost of projects identified as of January 1, 2012 by the community of Cottonwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3926 (million)

Crane Lake Water & S	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Crane Lake Eastern Service Area		3.86	SFY 2012 PPL Sewer System Project / Rank: 298

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.86	\$296,741		

*Overall cost of projects identified as of January 1, 2012 by the community of Crane Lake Water & Sanitary District
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.86 (million)*

Cromwell	COUNTY: Carlton	POPULATION*: 143	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,000
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- 5 - 10 yr. ---			

Wastewater Treatment Facility Improvements	0.35	SFY 2012 PPL Treatment Facilities Project / Rank: 99
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.35	\$26,907	\$372.55	1.490%

*Overall cost of projects identified as of January 1, 2012 by the community of Cromwell
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)*

Crookston	COUNTY: Polk	POPULATION*: 8,192	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,609
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			

Rehab/expand existing system	1.19	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.19	\$91,482	\$26.75	0.077%

*Overall cost of projects identified as of January 1, 2012 by the community of Crookston
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.19 (million)*

Crystal	COUNTY: Hennepin	POPULATION*: 22,698	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,736
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			

CIPP Lining Project	1.325	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.325	\$101,861	\$9.76	0.020%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Overall cost of projects identified as of January 1, 2012 by the community of **Crystal**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.325 (million)**
 *** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Crystal

Cuyuna COUNTY: Crow Wing POPULATION*: 231 MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,107
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- Current ---
 Cuyuna 1.975
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 1.975 \$151,830 \$1,518.30 3.442%

Overall cost of projects identified as of January 1, 2012 by the community of **Cuyuna**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.975 (million)**

Dakota COUNTY: Winona POPULATION*: 329 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,156
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- Current ---
 Unsewered Collection and Treatment 5.25 SFY 2012 PPL Sewer System Project / Rank: 53
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 5.25 \$403,599 \$2,794.15 5.571%

Overall cost of projects identified as of January 1, 2012 by the community of **Dakota**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **5.25 (million)**

Dalton COUNTY: Otter Tail POPULATION*: 258 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,750
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- Current ---
 I & I Correction 0.1 SFY 2012 PPL Sewer System Project / Rank: 82
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 0.1 \$7,688 \$60.16 0.202%

Overall cost of projects identified as of January 1, 2012 by the community of **Dalton**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.1 (million)**

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Darwin	COUNTY: Meeker	POPULATION*:	276	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,286
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Infiltration Repair		1.42	SFY 2012 PPL Sewer System Project / Rank: 133		
Upgrade Ponds		1.42	SFY 2012 PPL Sewer System Project / Rank: 133		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.84	\$218,328		\$1,651.22	4.816%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Darwin</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.84 (million)</i>					

Dassel	COUNTY: Meeker	POPULATION*:	1,233	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Construction of a New Maple St. Lift Station		0.2	SFY 2012 PPL Sewer System Project / Rank: 214		
Sanitary Sewer Rehab		0.82	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.02	\$78,414		\$137.03	0.365%	
--- 5 - 10 yr. ---					
Replacement of Spray Irrigation Equipment		1	Wastewater Treatment Facilities Project		
Sanitary Sewer Trunk Line		5	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
6	\$461,256		\$806.08	2.150%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Dassel</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.02 (million)</i>					

Dawson	COUNTY: Lac qui Parle	POPULATION*:	1,539	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,442
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehabilitate Collection System		5.2	SFY 2012 PPL Sewer System Project / Rank: 51		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.2	\$399,755	\$531.43	1.690%

Overall cost of projects identified as of January 1, 2012 by the community of Dawson
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.2 (million)

Deer Creek	COUNTY: Otter Tail	POPULATION*: 328	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,558
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- 10 - 20 yr. ---

Industrial connection	0.16	SFY 2012 PPL Sewer System Project / Rank: 231
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.16	\$12,300	\$77.41	0.271%

Overall cost of projects identified as of January 1, 2012 by the community of Deer Creek
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.16 (million)

Deer River	COUNTY: Itasca	POPULATION*: 903	MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,900
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

WWTF Pond expansion	1.4814	SFY 2012 PPL Treatment Facilities Project / Rank: 202
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.4814	\$113,884	\$263.49	1.203%

Overall cost of projects identified as of January 1, 2012 by the community of Deer River
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.4814 (million)

Deerwood	COUNTY: Crow Wing	POPULATION*: 590	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,069
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

2011 Water System Improvements	0.075	SFY 2012 PPL Sewer System Project / Rank: 228
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.075	\$5,766	\$20.27	0.067%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Deerwood
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.075 (million)*

Delano	COUNTY: Wright	POPULATION*: 3,837	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,917
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Street & Infrastructure Improvements		2	Sewer System Project
Park Avenue Sewer		0.12	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.12	\$162,977	\$107.22	0.203%

*Overall cost of projects identified as of January 1, 2012 by the community of Delano
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.12 (million)*

Dennison	COUNTY: Goodhue	POPULATION*: 168	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,667
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
New Rip-Rap on Secondary Pond		0.06	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.06	\$4,613	\$69.19	0.134%

*Overall cost of projects identified as of January 1, 2012 by the community of Dennison
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.06 (million)*

Dent	COUNTY: Otter Tail	POPULATION*: 192	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,938
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Sewer Rehab		1	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1	\$76,876	\$898.55	2.904%

--- 10 - 20 yr. ---

Treatment System Expansion		1	Wastewater Treatment Facilities Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$898.55	2.904%

Overall cost of projects identified as of January 1, 2012 by the community of Dent as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)

Detroit Lakes	COUNTY: Becker	POPULATION*: 7,348	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,264
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Minnesota Avenue (Willow to State) Reconstruction	0.202	Sewer System Project
McKinley Avenue - Frazee to Willow	0.059	Sewer System Project
S. Washington Ave.	0.196	Sewer System Project
Long Lake (2012 Annexation area)	0.478	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.935	\$71,879	\$19.49	0.067%

Overall cost of projects identified as of January 1, 2012 by the community of Detroit Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.935 (million)

Dilworth	COUNTY: Clay	POPULATION*: 3,001	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,571
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Dilworth	0.975	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.975	\$74,954	\$58.15	0.168%

Overall cost of projects identified as of January 1, 2012 by the community of Dilworth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.975 (million)

Dodge Center	COUNTY: Dodge	POPULATION*: 2,226	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,453
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

3rd St. SE	0.26	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Main St./1st Ave NW	0.37	Sewer System Project	
3rd Ave NE	0.1	Sewer System Project	
6th Ave. NW	0.17	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.9	\$69,188	\$75.57	0.192%
Overall cost of projects identified as of January 1, 2012 by the community of Dodge Center			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.9 (million)

Duluth	COUNTY: St. Louis	POPULATION*: 86,918	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,766
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
CIPP Rehabilitation of Sanitary Sewer in Basin #2	4.891	SFY 2012 PPL Sewer System Project / Rank: 6	
Riverside Sanitary Sewer Collection System Improvement	2.104	SFY 2012 PPL Sewer System Project / Rank: 8	
Lift Station #45 Pumping and Forcemain Improvements	3	SFY 2012 PPL Sewer System Project / Rank: 7	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.995	\$768,376	\$19.48	0.058%
--- 5 - 10 yr. ---			
Sewer Rehabilitation, Reconstruction and Relining (Includ	7.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.5	\$576,570	\$14.62	0.043%
--- 10 - 20 yr. ---			
Sewer Reconstruction, Rehabilitation, Relining Including	15	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
15	\$1,153,140	\$29.23	0.087%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Duluth</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>32.495 (million)</i>

Dundee	COUNTY: Nobles	POPULATION*:	102	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,979
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Stabilization Pond (with New Gravity Sewer System)		0.457	SFY 2012 PPL Unsewered Area Project / Rank: 10		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Gravity Collection System (with Stabilization Pond)		4.575	SFY 2012 PPL Unsewered Area Project / Rank: 10	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.032	\$386,840	\$6,826.59	31.060%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Dundee</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			5.032 (million)	

Eagan	****	COUNTY: Dakota	POPULATION*: 63,557	MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,388
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Annual Sewer cleaning		0.164	Sewer System Project	
Annual Sewer Lining		0.113	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.277		\$21,295	\$0.81	0.001%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Eagan</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				0.277 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Eagan				

Eagle Bend	COUNTY: Todd	POPULATION*: 595	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,308
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
North Street Project	1.32	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.32	\$101,476	\$340.78	1.248%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Eagle Bend</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			1.32 (million)

East Grand Forks	COUNTY: Polk	POPULATION*: 7,501	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,866
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Upgrade Sewage Ponds	9.705	SFY 2012 PPL Sewer System Project / Rank: 108	
Additional forcemain to lagoons	1.95	SFY 2012 PPL Sewer System Project / Rank: 77	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.655	\$895,990	\$275.31	0.768%

Overall cost of projects identified as of January 1, 2012 by the community of East Grand Forks as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.655 (million)

Eden Prairie	COUNTY: Hennepin	POPULATION*: 54,901	MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,328
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Red Rock Lift Station Rehab	0.166911	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.166911	\$12,831	\$0.56	0.001%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Eden Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.1669 (million)</i>
<small>**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Eden Prairie</small>			

Eden Valley	COUNTY: Meeker	POPULATION*: 866	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,781
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sanitary Sewer Improvements	0.75	SFY 2012 PPL Sewer System Project / Rank: 133	
TH 22 Improvements	1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.75	\$134,533	\$336.33	1.305%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Eden Valley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.75 (million)</i>

Edina	COUNTY: Hennepin	POPULATION*: 47,425	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,019
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Lift Station # 8	0.2	Sewer System Project	
Trunk Sanitary Sewer Lining Project	1.2	Sewer System Project	
Annual Manhole Rehabilitation	0.08	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Sanitary Sewer Main Improvements	0.58	Sewer System Project	
Sanitary Sewer Main Improvements #2	1.2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.26	\$250,616	\$10.74	0.016%
Overall cost of projects identified as of January 1, 2012 by the community of Edina			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3.26 (million)
*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Edina			

Elk River		COUNTY: Sherburne	POPULATION*: 16,447	MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,114
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Fast Area Infrastructure Improvement		1.5	Sewer System Project	
Abandonment of River Line		0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.7	\$130,689	\$20.77	0.036%	
--- 5 - 10 yr. ---				
Solids Treatment and Disposal Improvement		3.95	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.95	\$303,660	\$48.25	0.083%	
--- 10 - 20 yr. ---				
Elk River WWTP Expansion		6.83	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
6.83	\$525,063	\$83.43	0.144%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Elk River as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
<i>12.48 (million)</i>				

Ellendale	COUNTY: Steele	POPULATION*: 590	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Rehab and Expand collection system	0.96	SFY 2012 PPL Sewer System Project / Rank: 33	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.96	\$73,801	\$263.57	0.698%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Ellendale
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.96 (million)*

Ellsworth	COUNTY: Nobles	POPULATION*: 540	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,417
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
I/I correction and Sewer Rehab.		0.563	SFY 2012 PPL Sewer System Project / Rank: 325
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.563	\$43,281	\$171.60	0.604%

*Overall cost of projects identified as of January 1, 2012 by the community of Ellsworth
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.563 (million)*

Ely	COUNTY: St. Louis	POPULATION*: 3,724	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,615
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Sewer Rehabilitation and I/I Reduction		1.839	SFY 2012 PPL Sewer System Project / Rank: 69
2007 Capital Improvement Plan		2.107	SFY 2012 PPL Sewer System Project / Rank: 88
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.946	\$303,353	\$161.17	0.584%

*Overall cost of projects identified as of January 1, 2012 by the community of Ely
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.946 (million)*

Emily	COUNTY: Crow Wing	POPULATION*: 847	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,276
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Emily		1.98	SFY 2012 PPL Unsewered Area Project / Rank: 312
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.98	\$152,214	\$372.26	1.086%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Emily
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.98 (million)*

Erskine	COUNTY: Polk	POPULATION*:	437	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,771
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Erskine		0.205			
Erskine		0.205			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
0.41	\$31,519	\$139.74		0.522%	

*Overall cost of projects identified as of January 1, 2012 by the community of Erskine
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.41 (million)*

Evan	COUNTY: Brown	POPULATION*:	91	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Evan Wastewater Facility		0.03		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
0.03	\$2,306	\$56.10		0.125%	

*Overall cost of projects identified as of January 1, 2012 by the community of Evan
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.03 (million)*

Evansville	COUNTY: Douglas	POPULATION*:	566	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehabilitation		2.202		SFY 2012 PPL Sewer System Project / Rank:	114
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
2.202	\$169,281	\$611.86		2.526%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Evansville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.202 (million)*

Eveleth	COUNTY: St. Louis	POPULATION*: 3,865	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,736
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2012 Adams Area Sewer Replacement	0.41	Sewer System Project	
2011 Sewer Replacement Project (Jones St.)	0.212	Sewer System Project	
Progress Park Sanitary Sewer Extension	0.5	Sewer System Project	
Sanitary Sewer Extension - Elba Ave. Residential Develop	0.2	Sewer System Project	
2014 Sanitary Sewer Cleaning and Televising	0.021	Sewer System Project	
2015 Sanitary Sewer Cleaning and Televising	0.021	Sewer System Project	
2013 Sanitary sewer Cleaning and Televising	0.021	Sewer System Project	
2012 Sanitary Sewer Cleaning and Televising	0.03	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.415	\$108,780	\$57.02	0.206%
--- 5 - 10 yr. ---			
Fayal Pond Lift Station Renovation	0.8	Sewer System Project	
West Eveleth Sanitary Sewer Extension	0.22	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.02	\$78,414	\$41.10	0.148%
--- 10 - 20 yr. ---			
West Eveleth Transfer Station Renovation	0.73	Sewer System Project	
Adams Lift Station Renovation	0.62	Sewer System Project	
West Eveleth Lift Station Renovation	0.73	Sewer System Project	
2013-2022 Sanitary Sewer Replacement Projects (some in	1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.08	\$236,778	\$124.11	0.447%
Overall cost of projects identified as of January 1, 2012 by the community of Eveleth			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.515 (million)			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Excelsior	****	COUNTY: Hennepin	POPULATION*: 2,393	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,598
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
2010/2011 Sewer Manhole Repair		0.0324	Sewer System Project	
2011 Sanitary Sewer Lining Project		0.147	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1794		\$13,792	\$10.35	0.024%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Excelsior as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1794 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Excelsior				

Fairfax	COUNTY: Renville	POPULATION*: 1,295	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,700
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
2012 Street Project	0.195	Sewer System Project	
2011 Street Project	0.074	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.269	\$20,680	\$34.85	0.103%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Fairfax as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.269 (million)</i>			

Fairmont	COUNTY: Martin	POPULATION*: 10,889	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,709
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
General Capital Improvement Program	0.05	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.05	\$3,844	\$0.74	0.002%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Fairmont as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.05 (million)</i>			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Faribault	COUNTY: Rice	POPULATION*: 20,818	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,865
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
STCON 16	0.95	Sewer System Project	
STCON-13 2013 Street Improvements	1.675	Sewer System Project	
SCO-15	0.4	Sewer System Project	
Eastside Interceptor Upgrade (SCO-12)	0.925	Sewer System Project	
STCON 15	1.3	Sewer System Project	
SCO-16	0.3	Sewer System Project	
SCO-13	1.2	Sewer System Project	
STCON-11 2011 Street Improvements	0.6	Sewer System Project	
STCON-12 2012 Street Improvements	0.65	Sewer System Project	
STCON-14 2014 Street Improvements	1.975	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.975	\$766,838	\$92.37	0.226%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Faribault</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>9.975 (million)</i>

Faribault County	COUNTY: Faribault	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Guckeen - Collection and connect to Blue Earth	1.065		SFY 2012 PPL Unsewered Area Project / Rank: 12	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.065	\$81,873			
<i>Overall cost of projects identified as of January 1, 2012 by the community of Faribault County</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.065 (million)</i>				

Farmington	****	COUNTY: Dakota	POPULATION*: 12,365	MEDIAN HOUSEHOLD INCOME (MHI)*: \$61,864
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Willow St and Linden St Reconstruction	2.1	Sewer System Project	
Pine Street Reconstruction	3.3	Sewer System Project	
Westview Acres Reconstruction	4.316	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
9.716	\$746,927	\$161.25	0.261%
Overall cost of projects identified as of January 1, 2012 by the community of Farmington			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			9.716 (million)
*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Farmington			

Federal Dam	COUNTY: Cass	POPULATION*:	101	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,917
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Federal Dam Sewer Project		0.175		SFY 2012 PPL Sewer System Project / Rank:	241
Phosphorus removal - UV upgrade		0.05		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.225		\$17,297	\$362.03	1.580%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>			<i>Federal Dam</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.225 (million)</i>		

Felton	COUNTY: Clay	POPULATION*:	216	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,477
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer Repair		0.827		SFY 2012 PPL Sewer System Project / Rank:	98
Pond Improvements		1.072		SFY 2012 PPL Treatment Facilities Project / Rank:	98
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.899	\$145,988	\$1,443.83	5.453%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Felton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.899 (million)</i>

Fertile	COUNTY: Polk	POPULATION*:	893	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,021
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Watermain/Sanitary Sewer Improvements, Industrial Park	0.53	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.53	\$40,744	\$92.60	0.402%	

--- 5 - 10 yr. ---

Dale Subdivision	0.1	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.1	\$7,688	\$17.47	0.076%	

Overall cost of projects identified as of January 1, 2012 by the community of Fertile as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.63 (million)

Fisher	COUNTY: Polk	POPULATION*:	435	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- Current ---

Outfall Improvements	0.03	Wastewater Treatment Facilities Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.03	\$2,306	\$11.73	0.030%	

Overall cost of projects identified as of January 1, 2012 by the community of Fisher as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.03 (million)

Floodwood	COUNTY: St. Louis	POPULATION*:	503	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$18,977
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- Current ---

Floodwood	0.275			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.275	\$21,141	\$74.91	0.395%	

Overall cost of projects identified as of January 1, 2012 by the community of Floodwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.275 (million)

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Foley	COUNTY: Benton	POPULATION*: 2,154	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,393
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
I & I Correction	0.25	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$22.88	0.060%
--- 5 - 10 yr. ---			
Parent Addition Imp Expansion	0.75	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.75	\$57,657	\$68.64	0.179%
--- 10 - 20 yr. ---			
Foley Wastewater Treatment	18	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
18	\$1,383,768	\$1,647.34	4.291%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Foley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			19 (million)

Foxhome	COUNTY: Renville	POPULATION*: 143	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,688
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Unsewered Area - Possible SSTS	0.375	SFY 2012 PPL Treatment Facilities Project / Rank: 184	
Unsewered Area - Possible SSTS	0.375	SFY 2012 PPL Sewer System Project / Rank: 184	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.75	\$57,657	\$894.68	3.014%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Foxhome as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.75 (million)

Fridley	COUNTY: Anoka	POPULATION*: 27,449	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,372
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lift Station Upgrades	0.65	Sewer System Project	
2012 Sewer Lining Project	0.2	Sewer System Project	
2009-2015 St. Project Sewer Repairs	0.18	Sewer System Project	
2013-2014	0.405	Sewer System Project	
Georgetown Lift Rehab-2013	0.025	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.46	\$112,239	\$8.92	0.018%
--- 5 - 10 yr. ---			
Lining Projects	3.14	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.14	\$241,391	\$19.18	0.040%
Overall cost of projects identified as of January 1, 2012 by the community of Fridley			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			4.6 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Fridley			

Gaylord	COUNTY: Sibley	POPULATION*: 2,279	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,053	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
2012 Street and Utility Improvements	1.7	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.7	\$130,689	\$131.13	0.336%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Gaylord</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.7 (million)</i>				

Gilbert	COUNTY: St. Louis	POPULATION*: 1,847	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,859	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
WWT Phase II	0.8	Wastewater Treatment Facilities Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.8	\$61,501	\$65.74	0.183%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Gilbert
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8 (million)*

Gilman	COUNTY: Benton	POPULATION*: 215	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,063
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Power out and high water alarm monitors	0.005	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.005	\$384	\$4.07	0.008%

*Overall cost of projects identified as of January 1, 2012 by the community of Gilman
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.005 (million)*

Glenwood	COUNTY: Pope	POPULATION*: 2,594	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,083
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Phase II Sewer Rehab	0.554	Sewer System Project
2009 Phase II Sewer Rehab	3.1	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.654	\$280,905	\$223.53	0.743%

*Overall cost of projects identified as of January 1, 2012 by the community of Glenwood
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.654 (million)*

Gonvick	COUNTY: Clearwater	POPULATION*: 294	MEDIAN HOUSEHOLD INCOME (MHI)*: \$24,722
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Rehab/expand existing system	2.2	SFY 2012 PPL Treatment Facilities Project / Rank: 163
Lift Station Upgrade	0.5	Wastewater Treatment Facilities Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.7	\$207,565	\$1,363.57	5.516%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Gonvick
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.7 (million)*

Goodview	COUNTY: Winona	POPULATION*:	3,373	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,654
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Original Sewer System Relining Project		1.5		Sewer System Project	
63rd Ave. and 5th Street Extension		0.9		Sewer System Project	
Kowalewski/Anderson Extension		0.95		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.35	\$257,535		\$168.57	0.386%	

*Overall cost of projects identified as of January 1, 2012 by the community of Goodview
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.35 (million)*

Graceville	COUNTY: Big Stone	POPULATION*:	605	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,143
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer Collection		5.734		SFY 2012 PPL Sewer System Project / Rank: 93	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.734	\$440,807		\$1,543.68	5.687%	

*Overall cost of projects identified as of January 1, 2012 by the community of Graceville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.734 (million)*

Grand Lake Twp - Cari	COUNTY:	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Grand Lake Twp - Caribou Lake		1.45		SFY 2012 PPL Unsewered Area Project / Rank: 125	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.45	\$111,470				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Grand Lake Twp - Caribou Lake**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.45 (million)**

Grand Marais	COUNTY: Cook	POPULATION*: 1,353	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,493
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
I/I correction		0.65	SFY 2012 PPL Sewer System Project / Rank: 208
Sewer Lift Station Replacement		0.3	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.95	\$73,032	\$101.91	0.304%

Overall cost of projects identified as of January 1, 2012 by the community of **Grand Marais**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.95 (million)**

Grand Rapids	COUNTY: Itasca	POPULATION*: 7,764	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,991
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Trunk/Interceptor Replacment/Extension 1993-2013 (Pror		0.3	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$6.02	0.021%
--- 5 - 10 yr. ---			
Phase II-Secondary Treatment Facility Improvements		22.087	SFY 2012 PPL Treatment Facilities Project / Rank: 186
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
22.087	\$1,697,960	\$443.46	1.530%

Overall cost of projects identified as of January 1, 2012 by the community of **Grand Rapids**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **22.387 (million)**

Granite Falls	COUNTY: Yellow Medi	POPULATION*: 3,070	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,031
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
2011 Utility Improvements		2.4275	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Phase 2 - Rehab/expand existing system	1.58	SFY 2012 PPL Treatment Facilities Project / Rank:	191
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.0075	\$308,081	\$206.30	0.644%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Granite Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			4.0075 (million)

Grasston	COUNTY: Kanabec	POPULATION*:	105	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Collection system rehabilitation		0.65		SFY 2012 PPL Sewer System Project / Rank:	240
Treatment Facility Improvements		1.5		SFY 2012 PPL Sewer System Project / Rank:	240
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.15	\$165,283		\$3,541.79	8.586%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>			<i>Grasston</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>2.15 (million)</i>	

Grove City	COUNTY: Meeker	POPULATION*:	608	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,312
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Replace Existing, Aging Sewer Lines & Manholes		4		Sewer System Project	
Replacement Rehabilitation numerous sewers		4		Sewer System Project	
Construction of New Mechanical Treatment Facilities		4.5		SFY 2012 PPL Treatment Facilities Project / Rank:	182
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
12.5	\$960,950		\$3,365.19	11.481%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Grove City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					12.5 (million)

Hallock	COUNTY: Kittson	POPULATION*:	1,196	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,062
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Replace City Outlet Pipe to S. Lift Station	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$71.33	0.192%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hallock as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.5 (million)</i>

Hamburg	COUNTY: Carver	POPULATION*: 538	MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Regionalize with Norwood-Young America & Service are	2.933	SFY 2012 PPL Sewer System Project / Rank: 230	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.933	\$225,477	\$985.10	1.454%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hamburg as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.933 (million)</i>

Hampton	COUNTY: Dakota	POPULATION*: 434	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,438
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Main Street Sewer Replacement	0.5	Sewer System Project	
Sewer System Replacement	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$443.52	0.830%
--- 5 - 10 yr. ---			
Treatment Plant Expansion 2	0.65	Wastewater Treatment Facilities Project	
Treatment Pond Expansion	0.65	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.3	\$99,939	\$576.57	1.079%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hampton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.3 (million)</i>

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Hanley Falls	COUNTY: Yellow Medi	POPULATION*:	323	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,667
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab collection system	0.4		SFY 2012 PPL Sewer System Project / Rank: 200		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.4	\$30,750		\$240.66	0.760%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hanley Falls</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.4 (million)</i>

Hanover	COUNTY: Wright	POPULATION*:	1,355	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$73,667
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 10 - 20 yr. ---					
Trunk Sanitary Sewer and Watermain analysis 3-2007		10.468	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
10.468	\$804,738		\$1,646.05	2.234%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hanover</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.468 (million)</i>					

Hartland	COUNTY: Freeborn	POPULATION*:	288	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Sewer Rehabilitation	0.339		SFY 2012 PPL Sewer System Project / Rank: 245		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.339	\$26,061		\$175.04	0.467%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hartland</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.339 (million)

Hastings	****	COUNTY: Dakota	POPULATION*:	18,204	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,145
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

--- Current ---

2012 Street and Utility Improvements	0.5	Sewer System Project
2013 Street and Utility Improvements	0.5	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1	\$76,876	\$10.42	0.020%

Overall cost of projects identified as of January 1, 2012 by the community of Hastings
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hastings

Hawley COUNTY: Clay POPULATION*: 1,882 MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,652
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- 5 - 10 yr. ---

Hawley	0.716	SFY 2012 PPL Sewer System Project / Rank: 87
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.716	\$55,043	\$66.58	0.187%

Overall cost of projects identified as of January 1, 2012 by the community of Hawley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.716 (million)

Hazel Run COUNTY: Yellow Medi POPULATION*: 64 MEDIAN HOUSEHOLD INCOME (MHI)*: \$24,643
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Hazel Run	1.2	SFY 2012 PPL Unsewered Area Project / Rank: 4
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.2	\$92,251	\$3,075.04	12.478%

Overall cost of projects identified as of January 1, 2012 by the community of Hazel Run
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)

Hector COUNTY: Renville POPULATION*: 1,166 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,000
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Mechanical Treatment Plant Improvement	4.814	SFY 2012 PPL Treatment Facilities Project / Rank: 104
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Mechanical Treatment Plant Improvement		1.866	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
6.68	\$513,532	\$908.01	2.752%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hector</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			6.68 (million)	

Hendricks	COUNTY: Lincoln	POPULATION*:	725	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,042
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer Lining		0.243		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.243	\$18,681	\$54.59	0.210%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Hendricks</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.243 (million)

Henning	COUNTY: Otter Tail	POPULATION*:	719	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,944
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Replace & Repair Sewer Lines to Eliminate Infiltration/Inf		0.484		SFY 2012 PPL Sewer System Project / Rank: 120	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.484	\$37,208	\$91.50	0.417%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Henning</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.484 (million)

Hibbing	COUNTY: St. Louis	POPULATION*:	17,071	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,346
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
City of Hibbing Mercury Removal - Membrane Filter		11.3		SFY 2012 PPL Treatment Facilities Project / Rank: 104	
Rehab Lift Station Pump and Generator		2		SFY 2012 PPL Sewer System Project / Rank: 283	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.3	\$1,022,451	\$123.70	0.371%

*Overall cost of projects identified as of January 1, 2012 by the community of **Hibbing**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.3 (million)*

Hill City	COUNTY: Aitkin	POPULATION*: 479	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,308
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Collection System Rehabilitation	0.6	Sewer System Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$194.90	0.874%

*Overall cost of projects identified as of January 1, 2012 by the community of **Hill City**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)*

Hitterdal	COUNTY: Clay	POPULATION*: 201	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,500
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer extension and rehab	0.4125	SFY 2012 PPL Sewer System Project / Rank: 274	
Rehab Ponds	0.4125	SFY 2012 PPL Treatment Facilities Project / Rank: 274	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.825	\$63,423	\$663.73	2.042%

*Overall cost of projects identified as of January 1, 2012 by the community of **Hitterdal**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.825 (million)*

Holdingford	COUNTY: Stearns	POPULATION*: 736	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,000
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Wastewater Treatment Facility Improvements	0.82	Wastewater Treatment Facilities Project	
Street and Utility Rehab Project	2.31	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.13	\$240,622	\$757.20	2.227%

*Overall cost of projects identified as of January 1, 2012 by the community of Holdingford
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.13 (million)*

Hopkins **** COUNTY: Hennepin POPULATION*: 17,145 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,203

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*

 --- Current ---

 Lift station #4 Rehab 0.156 SFY 2012 PPL Sewer System Project / Rank: 209

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.156	\$11,993	\$1.31	0.003%

*Overall cost of projects identified as of January 1, 2012 by the community of Hopkins
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.156 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hopkins

Howard Lake COUNTY: Wright POPULATION*: 1,853 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,015

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*

 --- Current ---

 8th Avenue and 9th 11th Street 1 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$94.13	0.248%

*Overall cost of projects identified as of January 1, 2012 by the community of Howard Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)*

Hugo **** COUNTY: Washington POPULATION*: 6,363 MEDIAN HOUSEHOLD INCOME (MHI)*: \$63,450

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*

 --- Current ---

 South Ethan Avenue 0.2225 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2225	\$17,105	\$7.24	0.011%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Hugo**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.2225 (million)**
 *** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hugo

Hutchinson COUNTY: McLeod POPULATION*: 13,080 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,278
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- Current ---
 Hutchinson 0.6138
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 0.6138 \$47,186 \$7.96 0.019%
Overall cost of projects identified as of January 1, 2012 by the community of **Hutchinson**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.6138 (million)**

Ihlen COUNTY: Pipestone POPULATION*: 107 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,250
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- 5 - 10 yr. ---
 Individual & Main Lift Station Rehabilitation 0.16 Sewer System Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 0.16 \$12,300 \$257.45 0.824%
 --- 10 - 20 yr. ---
 Expand Mound System 0.25 Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 0.25 \$19,219 \$402.26 1.287%
Overall cost of projects identified as of January 1, 2012 by the community of **Ihlen**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.41 (million)**

Iron Junction COUNTY: St. Louis POPULATION*: 93 MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,938
 Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank
 --- Current ---
 Unsewered connect to WWTP 0.954 SFY 2012 PPL Unsewered Area Project / Rank: 315

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.954	\$73,340	\$1,500.13	3.664%

Overall cost of projects identified as of January 1, 2012 by the community of Iron Junction as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.954 (million)

Isanti	COUNTY: Isanti	POPULATION*: 2,324	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,587
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTF Improvements	4.5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.5	\$345,942	\$381.55	0.875%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Isanti as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)</i>			

Ivanhoe	COUNTY: Lincoln	POPULATION*: 679	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,125
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
East Saxon Street	1.7	Sewer System Project	
East Saxon Street	1.7	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.4	\$261,378	\$758.84	2.698%
--- 5 - 10 yr. ---			
Pond Dredging	0.1	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$22.32	0.079%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Ivanhoe as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.5 (million)</i>			

Jackson	COUNTY: Jackson	POPULATION*: 3,501	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,452
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

--- Current ---

Sanitary Sewer Main Extensions	1.45	SFY 2012 PPL Sewer System Project / Rank:	38
Sanitary Sewer Rehabilitation - 2012	3.36	SFY 2012 PPL Sewer System Project / Rank:	61
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.81	\$369,774	\$223.80	0.669%
Overall cost of projects identified as of January 1, 2012 by the community of Jackson			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.81 (million)			

Jeffers	COUNTY: Cottonwood	POPULATION*:	396	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,286
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
2010 Sanitary Lagoon Improvements	0.413		Wastewater Treatment Facilities Project		
2010 Street and Utility Improvements	0.473		Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.886	\$68,112	\$333.16	1.138%		
Overall cost of projects identified as of January 1, 2012 by the community of Jeffers					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.886 (million)					

Jordan	COUNTY: Scott	POPULATION*:	3,833	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$47,468
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Southwest Trunk Sewer	4.3		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
4.3	\$330,567	\$220.54	0.465%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Jordan</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.3 (million)</i>					

Kabetogama Twnshp -	COUNTY: St Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Unsewered Potential SSTS -Treatment	0.745	SFY 2012 PPL Unsewered Area Project / Rank: 124
Unsewered Potential SSTS -Treatment	0.745	SFY 2012 PPL Unsewered Area Project / Rank: 124
Unsewered Potential SSTS - Collection	0.745	SFY 2012 PPL Unsewered Area Project / Rank: 124
Unsewered Potential SSTS - Collection	0.745	SFY 2012 PPL Unsewered Area Project / Rank: 124
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
2.98	\$229,090	
Overall cost of projects identified as of January 1, 2012 by the community of Kabetogama Twnshp - Puck's Point		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		2.98 (million)

Kandiyohi	COUNTY: Kandiyohi	POPULATION*:	555	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,364
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
NW Sewer Line Replacement		2.6		Sewer System Project	
NE Sewer Line Replacement		1.75		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
4.35	\$334,411	\$1,399.86	3.850%		
--- 5 - 10 yr. ---					
SE Sewer Line Replacement		1.3		Sewer System Project	
SW Sewer Line Replacement		2.05		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
3.35	\$257,535	\$1,078.05	2.965%		
Overall cost of projects identified as of January 1, 2012 by the community of Kandiyohi					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.7 (million)					

Kandiyohi County - He	COUNTY: Kandiyohi	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:		
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
Unsewered - Connect to Green Lake SD	2.1		SFY 2012 PPL Unsewered Area Project / Rank: 278		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
2.1	\$161,440				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

2.1 (million)

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.108	\$85,179	\$45.69	0.093%

1.108 (million)

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.835	\$141,067	\$1,049.26	5.087%

1.835 (*million*)

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$60.16	0.180%

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*Overall cost of projects identified as of January 1, 2012 by the community of Kennedy
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)*

Kenyon	COUNTY: Goodhue	POPULATION*: 1,661	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,786
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Private Sewer improvements		0.85	SFY 2012 PPL Sewer System Project / Rank: 138
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.85	\$65,345	\$86.87	0.208%

*Overall cost of projects identified as of January 1, 2012 by the community of Kenyon
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.85 (million)*

Kimball	COUNTY: Stearns	POPULATION*: 635	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,219
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Kimball - Sanitary Sewer Line Replacement		0.818985	
Rehab & Expand existing system		0.53	SFY 2012 PPL Sewer System Project / Rank: 217
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.348985	\$103,705	\$356.24	1.041%

--- 5 - 10 yr. ---

South of HWY 55, West of Magnus Johnson		2	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2	\$153,752	\$528.16	1.543%

*Overall cost of projects identified as of January 1, 2012 by the community of Kimball
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.349 (million)*

Koochiching County	COUNTY: Koochiching	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Island View Voyageurs - Unsewered connectyo to NKSD		15.6	SFY 2012 PPL Sewer System Project / Rank: 251

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
15.6	\$1,199,266		

*Overall cost of projects identified as of January 1, 2012 by the community of Koochiching County
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 15.6 (million)*

La Crescent	COUNTY: Houston	POPULATION*: 4,923	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,433
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			

Wastewater Treatment Plant Modifications	0.796	SFY 2012 PPL Treatment Facilities Project / Rank: 244
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.796	\$61,193	\$28.39	0.062%

*Overall cost of projects identified as of January 1, 2012 by the community of La Crescent
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.796 (million)*

Lafayette	COUNTY: Nicollet	POPULATION*: 529	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,719
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			

WWTP: Cover for Final Clarifier	0.1	Wastewater Treatment Facilities Project
WWTF Rehabilitation	0.5662	Wastewater Treatment Facilities Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6662	\$51,215	\$228.18	0.621%

*Overall cost of projects identified as of January 1, 2012 by the community of Lafayette
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6662 (million)*

Lake Benton	COUNTY: Lincoln	POPULATION*: 703	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,583
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			

Fremont Street Improvement	1.074	Sewer System Project
Lake Benton Ponds Rehabilitation	1.67	Wastewater Treatment Facilities Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.744	\$210,948	\$568.42	1.921%

*Overall cost of projects identified as of January 1, 2012 by the community of Lake Benton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.744 (million)*

Lake County - Larsmon	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Lake County - Larsmont		0.975	SFY 2012 PPL Unsewered Area Project / Rank: 263

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.975	\$74,954		

*Overall cost of projects identified as of January 1, 2012 by the community of Lake County - Larsmont
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.975 (million)*

Lake Crystal	COUNTY: Blue Earth	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Humphrey Street Lift Station - Lake		0.08	Sewer System Project
Secondary Sludge Storage Tank		0.3	Wastewater Treatment Facilities Project
Yearly sewer main and lift station improvements		0.2	Sewer System Project
South Anna and south Hunt Street sewer rehab		0.05	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.63	\$48,432	\$46.37	0.116%

*Overall cost of projects identified as of January 1, 2012 by the community of Lake Crystal
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.63 (million)*

Lake Elmo	COUNTY: Washington	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
I-94 to 30th Street infrastructure project		4	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4	\$307,504	\$117.92	0.153%

--- 5 - 10 yr. ---

Village infrastructure 13.1 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.1	\$1,007,076	\$386.18	0.502%

Overall cost of projects identified as of January 1, 2012 by the community of Lake Elmo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 17.1 (million)

*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lake Elmo

Lake of the Woods Cou	COUNTY: Lake of the	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Lake of the Woods County - Wheeler's Point 7.0039 SFY 2012 PPL Unsewered Area Project / Rank: 65

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.0039	\$538,432		

Overall cost of projects identified as of January 1, 2012 by the community of Lake of the Woods County - Wheeler's Point as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.0039 (million)

Lake Park	COUNTY: Becker	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Wastewater system Improvements 1.5 SFY 2012 PPL Sewer System Project / Rank: 71

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$336.96	1.026%

Overall cost of projects identified as of January 1, 2012 by the community of Lake Park as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)

Lake Township (Warro	COUNTY: Roseau	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lake Township - Lakewood MPH	1.9585	SFY 2012 PPL Unsewered Area Project / Rank: 331
Lake Township - Lakewood MPH	1.9585	SFY 2012 PPL Unsewered Area Project / Rank: 331
Lake Township - Warroad Estates/Northern Lights MPH	3.7756	SFY 2012 PPL Unsewered Area Project / Rank: 332
Lake Township - Warroad Estates/Northern Lights MPH	3.7756	SFY 2012 PPL Unsewered Area Project / Rank: 332
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
11.4682	\$881,629	
Overall cost of projects identified as of January 1, 2012 by the community of Lake Township (Warroad area)		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.468 (million)		

Lake Twp - Lakewood	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Lake Twp - Lakewood MPH		1.958495	SFY 2012 PPL Unsewered Area Project / Rank: 331
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.958495	\$150,561		
Overall cost of projects identified as of January 1, 2012 by the community of Lake Twp - Lakewood MPH			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.9585 (million)			

Lake Twp - Warroad E	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Lake Twp - Warroad Estates/Northern Lights MPH		3.775579	SFY 2012 PPL Unsewered Area Project / Rank: 332
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.775579	\$290,251		
Overall cost of projects identified as of January 1, 2012 by the community of Lake Twp - Warroad Estates/Northern Lights MP			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.7756 (million)			

Lake View Twp - W. La	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lake View Twp - W. Lake Melissa	0.75	SFY 2012 PPL Unsewered Area Project / Rank: 219
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
0.75	\$57,657	<i>Annual Household Cost as % MHI</i>
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lake View Twp - W. Lake Melissa</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		0.75 (million)

Lake Washington Sanit	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Lake Washington Sanitary District		9.2464	SFY 2012 PPL Unsewered Area Project / Rank: 275
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.2464	\$710,826		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lake Washington Sanitary District</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			9.2464 (million)

Lakefield	COUNTY: Jackson	POPULATION*:	1,721	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Plant Modifications		8.282		SFY 2012 PPL Treatment Facilities Project / Rank:	2
Collection System Improvements		2.96		SFY 2012 PPL Sewer System Project / Rank:	2
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
11.242	\$864,240	\$1,064.04	3.405%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lakefield</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					11.242 (million)

Laketown Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Laketown Twp		0.37	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.37	\$28,444		

*Overall cost of projects identified as of January 1, 2012 by the community of Laketown Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.37 (million)*

Lakeville	****	COUNTY: Dakota	POPULATION*: 43,128	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,404
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---				
Lift Stations 11 & 18 Rehab		0.07	Sewer System Project	
2015 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
Lift Station 3 Rehab		0.086	Sewer System Project	
Lift Station 5 Rehab		0.086	Sewer System Project	
Lift Station 6 Rehab		0.025	Sewer System Project	
Lift Station 20 Rehab		0.025	Sewer System Project	
2016 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
2015 Sanitary Sewer Trunk Extensions		0.02	Sewer System Project	
Sanitary Sewer Trunk Extensions		0.228	Sewer System Project	
Lift Station 6 Rehab		0.27	Sewer System Project	
2013 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
Lift Stations1,3,4,5,and 20 rehab.		0.069	Sewer System Project	
Sanitary Sewer Trunk Extensions		0.283	Sewer System Project	
Sanitary Sewer Relining		0.52	Sewer System Project	
Lift Station 21 Rehab		0.025	Sewer System Project	
2012 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
2014 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
Sanitary Sewer Reconstruction		0.102	Sewer System Project	
2016 Sanitary Sewer Trunk Extensions		0.351	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.41	\$185,271	\$12.25	0.017%	
--- 5 - 10 yr. ---				
Lift Station 18 Rehab		0.025	Sewer System Project	
Lift Station 13 Rehab		0.025	Sewer System Project	
Lift Station 12 Rehab		0.025	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lift Station 7 Rehab	0.08	Sewer System Project	
Lift Station 22 Rehab	0.025	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.18	\$13,838	\$0.92	0.001%
--- 10 - 20 yr. ---			
Lift Station 8 Rehab	0.025	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.025	\$1,922	\$0.13	0.000%
Overall cost of projects identified as of January 1, 2012 by the community of Lakeville			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			2.615 (million)
*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lakeville			

Lamberton	COUNTY: Redwood	POPULATION*:	859	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,603
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
1021 Infrastructure Improvements	2.19		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.19	\$168,358	\$386.54	1.351%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lamberton</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.19 (million)</i>					

Lansing Twp	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:		
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
Lansing Twp - Expansion of Treatment Facilities		0.647	SFY 2012 PPL Treatment Facilities Project / Rank: 39		
Lansing Twp		0.647064	SFY 2012 PPL Unsewered Area Project / Rank: 39		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.294064	\$99,482				
Overall cost of projects identified as of January 1, 2012 by the community of Lansing Twp					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2941 (million)					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Laporte	COUNTY: Hubbard	POPULATION*:	145	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Extension of Treatment to Unsewered Area		0.1		SFY 2012 PPL Unsewered Area Project / Rank: 290	
Treatment Rehab.		0.25		SFY 2012 PPL Treatment Facilities Project / Rank: 281	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.35	\$26,907		\$424.84	1.491%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Laporte as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.35 (million)

Le Center	COUNTY: Le Sueur	POPULATION*:	2,240	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,690
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Dechlorination wastewater effluent		0.016		Wastewater Treatment Facilities Project	
2011-2012 Infrastructure Improvements		7.02		Sewer System Project	
Rehab collection system		7.541		SFY 2012 PPL Sewer System Project / Rank: 111	
Plant Lift Station Rehabilitation		0.04		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
14.617	\$1,123,696		\$1,206.83	3.119%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Le Center as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					14.617 (million)

Le Roy	COUNTY: Mower	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Rehabilitation of sewer (E. Sargent St)		0.4		Sewer System Project	
Rehabilitation of sewer (E. Co. Rd & Read St)		0.4		Sewer System Project	
Rehabilitation of sewer (E. Co. Rd & Read St)		0.4		Sewer System Project	
Rehabilitation of sewer (E. Sargent St)		0.4		Sewer System Project	
Rehabilitation of stations		0.4		Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Rehabilitation of sewer (E. Co. Rd & Matler St)	0.8	Sewer System Project	
Rehabilitation of sewer (E. Co. Rd & Matler St)	0.8	Sewer System Project	
Rehabilitation of stations	0.4	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4	\$307,504	\$336.68	0.982%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Le Roy</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>4 (million)</i>

Lester Prairie	COUNTY: McLeod	POPULATION*: 1,377	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,271
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
TBD	0.14	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.14	\$10,763	\$18.77	0.042%
Overall cost of projects identified as of January 1, 2012 by the community of Lester Prairie			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.14 (million)

Lewiston	COUNTY: Winona	POPULATION*: 1,484	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,220
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Equalizatin Tank Construction	0.95	Wastewater Treatment Facilities Project	
Equalization Basin	0.95	SFY 2012 PPL Sewer System Project / Rank: 78	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.9	\$146,064	\$244.35	0.565%
Overall cost of projects identified as of January 1, 2012 by the community of Lewiston			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.9 (million)

Lilydale	****	COUNTY: Dakota	POPULATION*: 552	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,792
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- 10 - 20 yr. ---				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lift Station Rehabilitation and Sewer Repair	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$102.35	0.187%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lilydale</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.5 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lilydale			

Lindstrom	COUNTY: Chisago	POPULATION*:	3,015	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,980
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Mentzer / Melody Connect Unsewered Area to CLJSD	0.54		SFY 2012 PPL Sewer System Project / Rank: 288		
Sewer Lining - Rehab collection system	0.15		SFY 2012 PPL Sewer System Project / Rank: 236		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.69	\$53,044		\$38.97	0.087%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lindstrom</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.69 (million)</i>					

Long Prairie	COUNTY: Todd	POPULATION*: 3,040	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,237
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Long Prairie	5.061		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.061	\$389,069	\$284.92	1.009%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Long Prairie</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.061 (million)</i>	

Longville	COUNTY: Cass	POPULATION*: 180	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,818
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
South Side Sewer Replacement	0.6325	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6325	\$48,624	\$424.87	1.584%

*Overall cost of projects identified as of January 1, 2012 by the community of Longville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6325 (million)*

Lonsdale	COUNTY: Rice	POPULATION*: 1,491	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,054
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Sludge drying Facilities		2	Wastewater Treatment Facilities Project
Expansion of Lonsdale WWTP#2		6.4	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.4	\$645,758	\$1,037.83	2.073%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Lonsdale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.4 (million)</i>			

Loretto	COUNTY: Hennepin	POPULATION*: 570	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,375
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Loretto		1.2625	
County Road 19		0.025	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2875	\$98,978	\$395.91	0.728%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Loretto as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2875 (million)</i>			

Louisburg	COUNTY: Lac qui Parle	POPULATION*: 26	MEDIAN HOUSEHOLD INCOME (MHI)*: \$18,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered Potential Cluster SSTS		0.561	SFY 2012 PPL Unsewered Area Project / Rank: 167

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.561	\$43,127	\$2,985.75	15.924%

Overall cost of projects identified as of January 1, 2012 by the community of Louisburg as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.561 (million)

Lucan	COUNTY: Redwood	POPULATION*: 226	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,125
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Rehab existing WWTF	0.6	SFY 2012 PPL Treatment Facilities Project / Rank: 333
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$415.13	1.253%

Overall cost of projects identified as of January 1, 2012 by the community of Lucan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)

Luverne	COUNTY: Rock	POPULATION*: 4,617	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,271
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

South Hwy 75 Sewer Improvement	1.179	Sewer System Project
Barck Street Utility Improvements	0.1365	Sewer System Project
Koehn Ave. Extension	0.1555	Sewer System Project
Warren Street Improvements	0.17	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.641	\$126,154	\$57.69	0.159%

--- 5 - 10 yr. ---

Phosphorus removal	0.5	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$17.58	0.048%

Overall cost of projects identified as of January 1, 2012 by the community of Luverne as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.141 (million)

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Madison	COUNTY: Lac qui Parle	POPULATION*: 1,768	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,102
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Wastewater Treatment Improvements	4.25	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.25	\$326,723	\$372.69	1.375%
Overall cost of projects identified as of January 1, 2012 by the community of Madison			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.25 (million)			

Mahnomen	COUNTY: Mahnomen	POPULATION*: 1,202	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,000
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
sanitary lift station improvements	0.42	SFY 2012 PPL Sewer System Project / Rank: 158	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.42	\$32,288	\$54.62	0.210%
Overall cost of projects identified as of January 1, 2012 by the community of Mahnomen			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.42 (million)			

Mahtomedi	****	COUNTY: Washington	POPULATION*: 7,563	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,215
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---				
Quail Road Lift Station & Street and Utility Improvements	1.33		Sewer System Project	
Iris Lift Station Reconstruction	0.3		Sewer System Project	
Tamarack, East Shore, Kenwood, Quail, 60th Street Lift S	1.845		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
3.475	\$267,144	\$96.06	0.133%	
--- 5 - 10 yr. ---				
Ideal Ave Street and Utility Improvement	3.237		Sewer System Project	
Quail, Laurel, Dwinnel, Hazel Street & Utility Improve	3.152		Sewer System Project	
Wedgewood Drive Lift Station Reconstruction	0.15		Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Bichner Lane & Bevins Lane Street & Utility Improvemen	1.25	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
7.789	\$598,787	\$215.31	0.298%
Overall cost of projects identified as of January 1, 2012 by the community of Mahtomedi			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			11.264 (million)
*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mahtomedi			

Mankato	COUNTY: Blue Earth	POPULATION*: 32,427	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,956
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Mills-Thompson Ravine	0.302	Sewer System Project	
Ellis Birchwood	0.384	Sewer System Project	
Rehab of Primary and Secondary Clarifiers	3.5	Wastewater Treatment Facilities Project	
Stolteman	1.75	Sewer System Project	
Viking Ct	2.15	Sewer System Project	
Mullberry street lift station-force main	0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.186	\$629,307	\$45.80	0.135%
--- 5 - 10 yr. ---			
Warren Street	0.102	Sewer System Project	
Ellis MSU	0.365	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.467	\$35,901	\$2.61	0.008%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
<i>8.653 (million)</i>			

Mantorville	COUNTY: Dodge	POPULATION*: 1,054	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,735
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTF Improvements	1.5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$279.74	0.502%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Mantorville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)*

Maple Plain	****	COUNTY: Hennepin	POPULATION*: 2,088	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,938
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Oak Street - Boundary Avenue (Budd to Boundary & Mai		0.268	Sewer System Project	
Main street and east sewer improvements (Budd to Pione		0.2	Sewer System Project	
Oak Street sanitary sewer improvements (Boundary to Bu		0.187	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.655	\$50,354	\$58.86	0.116%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Maple Plain as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.655 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Maple Plain	

Maplewood	****	COUNTY: Ramsey	POPULATION*: 34,947	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,596
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Annual Program to Refurbish Lift Stations		0.25	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.25	\$19,219	\$1.26	0.002%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Maplewood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Maplewood	

Marshall	COUNTY: Lyon	POPULATION*: 12,778	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,950
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Donita Street Reconstruction	0.2		Sewer System Project
Sonstegard Phase II	0.311		Sewer System Project
Lift 5 Diversion	0.2		Sewer System Project
Airport Building East Area Expansion	0.25		Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

West Lyon Street Sewer Replacement	0.2	Sewer System Project	
West Main Street Sewer Replacement	0.137	Sewer System Project	
Sonstegard Phase I	0.52	Sewer System Project	
Pearl Avenue and Sarah Circle Reconstruction	0.032	Sewer System Project	
Sewer Main Replacement	1.77	Sewer System Project	
South High Street Sewer Replacement	0.15	Sewer System Project	
Grimes Street Sewer Replacement	0.1	Sewer System Project	
Industrial Park Lift and Forcemain	0.999	Sewer System Project	
North Industrial Park	0.3	Sewer System Project	
Walker Lane/Park Avenue Reconstruction	0.132	Sewer System Project	
Tiger Park 2nd Addition	0.1	Sewer System Project	
North 1st street Reconstruction	0.2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.601	\$430,582	\$78.24	0.206%
Overall cost of projects identified as of January 1, 2012 by the community of Marshall			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.601 (million)

Mayer	COUNTY: Carver	POPULATION*:	404	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,125
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Sanitary Sewer Rehabilitation		0.04		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.04	\$3,075		\$15.21	0.032%	
--- 5 - 10 yr. ---					
Sludge Storage and WWTP Expansion		0.75		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.75	\$57,657		\$285.12	0.592%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mayer</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.79 (million)</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Maynard	COUNTY: Chippewa	POPULATION*:	638	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,571
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Maynard	2.04218				
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.04218	\$156,995		\$539.29	1.888%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Maynard</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.0422 (million)</i>					

Mazeppa	COUNTY: Wabasha	POPULATION*:	80	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,375
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehabilitate & Expand Existing System	0.5		SFY 2012 PPL Treatment Facilities Project / Rank: 221		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438		\$934.98	2.570%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mazeppa</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)</i>					

MCES - Metro Council	COUNTY: Metro Count	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
Empire Plant - Solids Processing	20		Wastewater Treatment Facilities Project		
Mpls Interceptor System Rehabilitation	44		Sewer System Project		
East Bethel WWTP - Phase I	28		Wastewater Treatment Facilities Project		
Maple Plain Area Improvements	19		Sewer System Project		
Interceptor WO-500 Rehabilitation	6		Sewer System Project		
Systemwide Odor Control Improvements	0.5		Sewer System Project		
South St. Paul LS/FM Improvements	6		Sewer System Project		
Seneca Disinfection & Phosphorus	2		Wastewater Treatment Facilities Project		
Seneca Plant Solids Processing Improve.	2		Wastewater Treatment Facilities Project		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

Hastings WWTP	14.3	Wastewater Treatment Facilities Project
MWWTP Solids - Biosolids Storage	74.5	Wastewater Treatment Facilities Project
Bloomington-Edina-Richfield Area Improvments	7	Sewer System Project
Lift Station Improvements	27	Sewer System Project
St. Croix Valley Rehabilitation	3.5	Wastewater Treatment Facilities Project
Meter Improvements	8.171	Sewer System Project
Interceptor Rehabilitation Program	15	Sewer System Project
Golden Valley Area Improv.	26	Sewer System Project
3rd & Commercial Odor Control - MWWTP Interceptor	2.5	Wastewater Treatment Facilities Project
Small System Improvement Projects	4.6	Wastewater Treatment Facilities Project
SWC Interceptor - Lake Elmo Connections	7	Sewer System Project
Brooklyn Park LS/FM Rehabilitation	11	Sewer System Project
Metro Rehabilitation & Facilities Improvements	68	Wastewater Treatment Facilities Project
Energy Conservation and Recovery	4.6	Wastewater Treatment Facilities Project
Blue Lake Plant Improvements	10.4	Wastewater Treatment Facilities Project
Septage Management	0.1	Wastewater Treatment Facilities Project
Chaska West Interceptor	4	Sewer System Project
Northwest Interceptor System Improvements	9.2	Sewer System Project
Maplewood Interceptor Rehabilitation	1.3	Sewer System Project
St Bonifacius Interceptor Rehabilitation	1.4	Sewer System Project
Interceptor Rehabilitation - Trenchless	13	Sewer System Project
Plymouth Forcemain Improvements	4	Sewer System Project
Northeast Interceptor System Improvements	0.2	Sewer System Project
System Wide Odor Control Improvements	2.4	Wastewater Treatment Facilities Project
Hopkins System Improvements	24	Sewer System Project
Mpls Interceptor 1-MN-303 Improvements	0.1	Sewer System Project
Chaska - Shakopee Interceptor Rehabilitation	7	Sewer System Project
Interceptor 1-MN-320 Reconnection and Rehab	0.1	Sewer System Project
Elm Creek Interceptor	9	Sewer System Project
Blue Lake System Improvements	75	Sewer System Project
Interceptor 1-MN-310/320 Diversion	19.5	Sewer System Project
Chaska Lift Station	10.74	Sewer System Project
MWWTP Nutrient Removal	1.5	Wastewater Treatment Facilities Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
593.611	\$45,634,439		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

--- 5 - 10 yr. ---

Blue Lake Plant Improvements	68.86	Wastewater Treatment Facilities Project
Northeast Interceptor System Improvements	27	Sewer System Project
Hastings WWTP	45.4	Wastewater Treatment Facilities Project
Energy Conservation and Recovery	0.32	Wastewater Treatment Facilities Project
MWWTP Solids - Biosolids Storage	35	Wastewater Treatment Facilities Project
Crow River Water Reclamation Plant	3	Wastewater Treatment Facilities Project
Northwest Interceptor System Improvements	85	Sewer System Project
Interceptor Rehabilitation Program	38.61	Sewer System Project
Seneca Plant Solids Processing Improve.	98	Wastewater Treatment Facilities Project
SWC Interceptor - Lake Elmo Connections	12	Sewer System Project
Interceptor 1-MN-320 Reconnection and Rehab	2.95	Sewer System Project
SE Anoka County Improvements	13.2	Sewer System Project
Lift Station Improvements	4.58	Sewer System Project
Metro Rehabilitation & Facilities Improvements	18.25	Wastewater Treatment Facilities Project
New Germany WWTP	6	Wastewater Treatment Facilities Project
Interceptor Rehabilitation - Trenchless	1.59	Sewer System Project
Maple Plain Area Improvements	1	Sewer System Project
Mpls Interceptor 1-MN-303 Improvements	1.44	Sewer System Project
Moundsview Forcemain Rehabilitation	30	Sewer System Project
New Hope Forcemain Rehabilitation	20	Sewer System Project
Mpls Interceptor System Rehabilitation	36	Sewer System Project
MWWTP Nutrient Removal	0.19	Wastewater Treatment Facilities Project
Plymouth Forcemain Improvements	0.03	Sewer System Project
East Bethel WWTP Phase II - Interceptor	14	Sewer System Project
Maplewood Interceptor Rehabilitation	0.66	Sewer System Project
Seneca Disinfection & Phosphorus	1.1	Wastewater Treatment Facilities Project
Interceptor 1-MN-310/320 Diversion	80.4	Sewer System Project
Small System Improvement Projects	4.6	Wastewater Treatment Facilities Project
Bloomington-Edina-Richfield Area Improvements	12.842	Sewer System Project
St Bonifacius Interceptor Rehabilitation	0.52	Sewer System Project
South St. Paul LS/FM Improvements	0.27	Sewer System Project
Blue Lake System Improvements	49.906	Sewer System Project
Hopkins System Improvements	30.1	Sewer System Project
Golden Valley Area Improv.	3.55	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Septage Management	0.49	Wastewater Treatment Facilities Project
Interceptor WO-500 Rehabilitation	0.78	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
747.638	\$57,475,419	Annual Household Cost as % MHI
--- 10 - 20 yr. ---		
Northwest Interceptor System Improvements	92	Sewer System Project
Elko-New Market Interceptor - Phase II	40	Sewer System Project
Northeast Interceptor System Improvements	140	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
272	\$20,910,272	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2012 by the community of		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		MCES - Metro Council Env. Services
		1613.2 (million)

McGrath	COUNTY: Aitkin	POPULATION*:	74	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
McGrath - Corrective Action Project	0.5		SFY 2012 PPL Treatment Facilities Project / Rank: 224		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.5	\$38,438	\$1,115.94	4.602%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of McGrath</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)</i>					

McIntosh	COUNTY: Polk	POPULATION*:	388	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,328
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab Facilities and Collection System		2.211	SFY 2012 PPL Treatment Facilities Project / Rank:		147
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.211	\$169,973	\$938.50	2.996%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>McIntosh</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2.211 (million)</i>			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Menahga	COUNTY: Wadena	POPULATION*:	1,220	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,232
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Main Street (TH 71 to Salo Avenue)	0.52		Sewer System Project		
Blueberry Addition - Utility Extensions	0.14		Sewer System Project		
Oak Avenue (Rittenhouse Addition) - Utility Extensions	0.12		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.78	\$59,963		\$109.91	0.494%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Menahga</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.78 (million)</i>					

Mentor	COUNTY: Polk	POPULATION*:	150	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,705
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Unsewered Area Treatment Facilities	0.925		SFY 2012 PPL Unsewered Area Project / Rank: 211		
Unsewered Area Collection	0.925		SFY 2012 PPL Unsewered Area Project / Rank: 211		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.85	\$142,221	\$1,560.96	7.192%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mentor</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.85 (million)</i>					

Meriden Township	COUNTY: Steele	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:		
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Collection and Treatment for Unsewered Area		1.6241	SFY 2012 PPL Treatment Facilities Project / Rank: 22		
Collection and Treatment for Unsewered Area		1.6241	SFY 2012 PPL Sewer System Project / Rank: 22		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
3.2482	\$249,709				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Meriden Township
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.2482 (million)*

Miltona	COUNTY: Douglas	POPULATION*: 279	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,333
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Miltona		1.263	SFY 2012 PPL Sewer System Project / Rank: 97
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.263	\$97,094	\$746.88	2.636%

*Overall cost of projects identified as of January 1, 2012 by the community of Miltona
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.263 (million)*

Minneapolis	COUNTY: Hennepin	POPULATION*: 382,618	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,974
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Inflow Disconnect		7.5	SFY 2012 PPL Sewer System Project / Rank: 41
Minneapolis - MN320		0.75	
Minneapolis - War Department Tunnel		0.55	
1-5 year needs		30	SFY 2012 PPL Sewer System Project / Rank: 43
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
38.8	\$2,982,789	\$16.54	0.044%
--- 5 - 10 yr. ---			
5-10 year need		30	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
30	\$2,306,280	\$12.78	0.034%
--- 10 - 20 yr. ---			
10-20 year need		60	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
60	\$4,612,560	\$25.57	0.067%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Minneapolis
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 128.8 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Minneapolis

Minnesota City COUNTY: Winona POPULATION*: 235 MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,458
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

3.227 SFY 2012 PPL Treatment Facilities Project / Rank: 54

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

3.227 \$248,079 \$2,657.99 5.721%

*Overall cost of projects identified as of January 1, 2012 by the community of Minnesota City
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.227 (million)*

Minnetonka **** COUNTY: Hennepin POPULATION*: 51,301 MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,979
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Infiltration and Inflow Reduction Program 1.15 Sewer System Project

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

1.15 \$88,407 \$3.72 0.005%

*Overall cost of projects identified as of January 1, 2012 by the community of Minnetonka
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.15 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Minnetonka

Minnetrista **** COUNTY: Hennepin POPULATION*: 4,358 MEDIAN HOUSEHOLD INCOME (MHI)*: \$90,347
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Annual Sewer Rehabilitation Program 0.68 SFY 2012 PPL Sewer System Project / Rank: 176

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

0.68 \$52,276 \$31.26 0.035%

*Overall cost of projects identified as of January 1, 2012 by the community of Minnetrista
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.68 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Minnetrista

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Monticello	COUNTY: Wright	POPULATION*: 7,868	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,384
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Marvin Road Lift Station Pump Replacement	0.33	Sewer System Project	
Add 4th sbr tank	2.042	Wastewater Treatment Facilities Project	
In Signia Lift Station and Forcemain	0.4	Sewer System Project	
12 inch Featherstone Trunk Sanitary Sewer	0.55	Sewer System Project	
Otter Creek Force main Extension to SE I	1.8	SFY 2012 PPL Sewer System Project / Rank: 210	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.122	\$393,759	\$120.37	0.265%
--- 5 - 10 yr. ---			
18 inch 85th st. ne sanitary trunk sewer	0.4	Sewer System Project	
18 inch northwest trunk sanitary sewer phase 2	0.41	Sewer System Project	
Southeast Interceptor (Reservoir Lift Station to South City	2.5	Sewer System Project	
Replace interceptor from hart blvd. to WWTP	0.4	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.71	\$285,210	\$87.19	0.192%
--- 10 - 20 yr. ---			
36 inch southeast interceptor phase 3	0.002	Sewer System Project	
18 inch southeast interceptor-west phase 1	0.6	Sewer System Project	
Add sbr tanks 5 and 6	6	SFY 2012 PPL Treatment Facilities Project / Rank: 210	
18 inch southeast interceptor-east phase I	0.56	Sewer System Project	
12 inch Southeast interceptor-east phase 2	0.63	Sewer System Project	
Long Lake Lift Station and Forcemain	0.465	Sewer System Project	
Southeast area lift station and forcemain	0.425	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.682	\$667,437	\$204.04	0.450%
Overall cost of projects identified as of January 1, 2012 by the community of		Monticello	
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		17.514 (million)	

Montrose	COUNTY: Wright	POPULATION*: 1,143	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,583
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Emerson Avenue Reconstruct	0.132	Sewer System Project
TH 25 Improvements	0.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.632	\$48,586	\$96.32
		0.243%

--- 5 - 10 yr. ---

Wastewater Treatment Facility Improvements	7	Wastewater Treatment Facilities Project
Sanitary Sewer Lining	0.9	Sewer System Project
1st St N and 2nd St S Reconstruct	0.18	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
8.08	\$621,158	\$1,231.37
		3.111%

**Overall cost of projects identified as of January 1, 2012 by the community of Montrose
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.712 (million)**

Moorhead COUNTY: Clay POPULATION*: 32,177 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,781

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

WWTP: Disinfection System Improvement	0.7	Wastewater Treatment Facilities Project
Maintenance Shop HVAC	0.16	Wastewater Treatment Facilities Project
WWTP: Water System Improvement	0.13	Wastewater Treatment Facilities Project
Oxygen System Compressor Phase 1	0.57	Wastewater Treatment Facilities Project
WWTP: Screw Pump Improvement	0.66	Wastewater Treatment Facilities Project
WWTP: Oxygen System Instrumentation	0.3	Wastewater Treatment Facilities Project
WWTP: Plant Flushing Water System	0.56	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #17	0.03	Sewer System Project
WWTP: LOX Storage Tank Improvement	0.25	Wastewater Treatment Facilities Project
WWTP: Aeration Mixer Improvements	1.06	Wastewater Treatment Facilities Project
Plant Electric System	0.37	Wastewater Treatment Facilities Project
Oxygen Generation System	0.39	Wastewater Treatment Facilities Project
Plant Drains, Pumps, Pipes	0.04	Wastewater Treatment Facilities Project
Scum Handling Phase I	0.08	Wastewater Treatment Facilities Project
Oxygen System Compressor Phase 2	0.28	Wastewater Treatment Facilities Project
Scum Handling Phase 2	0.08	Wastewater Treatment Facilities Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Primary Sludge Pumps	0.18	Wastewater Treatment Facilities Project
High Voltage Distribution Equipment	0.19	Wastewater Treatment Facilities Project
Effluent Nitrification MMC, PLC	0.7	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #25	0.11	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #16	0.03	Sewer System Project
WWTP: Plant Air Compressor Improvement	0.6	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #32	0.03	Sewer System Project
Disinfection Phase 2	0.53	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #13	0.18	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #19	0.27	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #1	0.95	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #16	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #7	0.09	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #30	0.01	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #23	0.07	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #38	0.01	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #39	0.14	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #14	0.11	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #15	0.19	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #8	0.26	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #28	0.02	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #17	0.05	Sewer System Project
Subtotal of Cost Estimates (millions)		Annual 20 yr. Household Cost***
10.43	Project Annual Debt Service**	Annual Household Cost as % MHI
	\$801,817	\$61.89
		0.178%
--- 5 - 10 yr. ---		
WWTP: Oxygen System Pneumatic /Electric Controls	0.32	SFY 2012 PPL Treatment Facilities Project / Rank: 115
Sanitary Lift Station Rehab & Expansion: #38	0.04	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #6	0.02	Sewer System Project
WWTP: Bar Screen Conveyor Improvement	0.1	Wastewater Treatment Facilities Project
WWTP: Final Clarifier Sludge System Improv.	1.67	SFY 2012 PPL Treatment Facilities Project / Rank: 115
Sanitary Lift Station Rehab & Expansion: #11	0.22	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #26	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #22	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #4	0.14	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #39	0.01	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

WWTP: Bar Screen Improvement	1.32	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #24	0.08	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #5	0.16	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.18	\$321,342	\$24.80	0.071%
--- 10 - 20 yr. ---			
Sanitary Lift Station Rehab & Expansion: #36	0.05	Sewer System Project	
Headworks Equipment	1.76	Wastewater Treatment Facilities Project	
Grit Cyclone	0.07	Wastewater Treatment Facilities Project	
Septage Receiving Equipment	0.022	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #43	0.007	Sewer System Project	
Grit Pumps	0.07	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #32	0.05	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #42	0.01	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #3	0.15	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #31	0.07	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #27	0.06	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #12	0.05	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #10	0.09	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #40	0.03	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #33	0.05	Sewer System Project	
WWTP: Vertical Turbine Pump Improvement	0.66	Wastewater Treatment Facilities Project	
WWTP: RAS Pump Valve Improvement	0.31	Wastewater Treatment Facilities Project	
Secondary Treatment MMC, PLC, HVAC	1.26	Wastewater Treatment Facilities Project	
WWTP: Primary Clarifier Drive	0.99	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #28	0.04	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #20	0.11	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #34	0.05	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #35	0.13	Sewer System Project	
Scum Handling Phase 4	0.07	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #2	0.01	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #18	0.16	Sewer System Project	
Primary Scum Collection	0.42	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #41	0.006	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #37	0.15	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.905	\$530,829	\$40.97	0.118%

*Overall cost of projects identified as of January 1, 2012 by the community of Moorhead
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 21.515 (million)*

Moose Lake	COUNTY: Carlton	POPULATION*: 2,239	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,130
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Rehab Pond Structures	3.44	SFY 2012 PPL Treatment Facilities Project / Rank: 18
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.44	\$264,453	\$412.49	1.520%

--- 5 - 10 yr. ---

Lagoon Expansion	1.13	SFY 2012 PPL Treatment Facilities Project / Rank: 18
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.13	\$86,870	\$135.50	0.499%

*Overall cost of projects identified as of January 1, 2012 by the community of Moose Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.57 (million)*

Mora	COUNTY: Kanabec	POPULATION*: 3,193	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,566
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Expand Sludge Storage	0.255	SFY 2012 PPL Treatment Facilities Project / Rank: 261
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WWTP Improvement - Rehab Clarifiers	3.5	SFY 2012 PPL Treatment Facilities Project / Rank: 261
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.755	\$288,669	\$188.13	0.615%

*Overall cost of projects identified as of January 1, 2012 by the community of Mora
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.755 (million)*

Morgan	COUNTY: Redwood	POPULATION*: 903	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,673
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Infrastructure Improvements	6.4	SFY 2012 PPL Sewer System Project / Rank:	66
Wastewater Treatment Plant Rehab	2.25	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
8.65	\$664,977	\$1,587.48	5.175%
Overall cost of projects identified as of January 1, 2012 by the community of <i>Morgan</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			8.65 (million)

Morris	COUNTY: Stevens	POPULATION*: 5,068	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,786
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
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--- Current ---

East 8th, East 9th, Arizpna Avenue Rehab Project	0.25	Sewer System Project	
Pacific Avenue Rehab	0.14	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.39	\$29,982	\$13.99	0.044%
Overall cost of projects identified as of January 1, 2012 by the community of <i>Morris</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.39 (million)

Morton	COUNTY: Renville	POPULATION*: 442	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,298
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
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--- Current ---

2011-12 Infrastructure Improvements	2.651	SFY 2012 PPL Sewer System Project / Rank:	122
Wastewater Treatment Facilities Improvements	1.183	SFY 2012 PPL Treatment Facilities Project / Rank:	122
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.834	\$294,743	\$1,333.01	3.776%
Overall cost of projects identified as of January 1, 2012 by the community of <i>Morton</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			3.834 (million)

Mound	****	COUNTY: Hennepin	POPULATION*: 9,435	MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,671
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Replace out of date lift stations	5.9	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.9	\$453,568	\$102.51	0.169%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mound</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5.9 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mound			

Mounds View	****	COUNTY: Ramsey	POPULATION*: 12,738	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,974
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Street & Utility Improvement project-Area G/H	0.16		Sewer System Project	
Street & Utility Improvement Project-Area E	0.16		Sewer System Project	
Streete & utility improvement prlject-Area I	0.16		Sewer System Project	
Street & uility improvement project-Area F	0.16		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.64	\$49,201	\$8.82	0.017%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mounds View</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.64 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mounds View				

Mountain Lake	COUNTY: Cottonwood	POPULATION*: 2,082	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,146
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---			
Future wastewater treatment plant-sewer replacement	13.825	SFY 2012 PPL Treatment Facilities Project / Rank: 115	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.825	\$1,062,811	\$1,170.78	4.017%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Mountain Lake</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>13.825 (million)</i>	

Murdock		COUNTY: Swift	POPULATION*: 303	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Wastewater Treatment Facility Improvements	0.5	SFY 2012 PPL Treatment Facilities Project / Rank:	180
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$274.56	0.955%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Murdock</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.5 (million)

Myrtle COUNTY: Freeborn POPULATION*: 63 MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,125

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Unsewered Area Collection System	1.007	SFY 2012 PPL Unsewered Area Project / Rank:	11
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.007	\$77,414	\$2,322.42	10.043%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Myrtle</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			1.007 (million)

Nashwauk COUNTY: Itasca POPULATION*: 935 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,146

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer Rehab.	1.243	SFY 2012 PPL Sewer System Project / Rank:	265
Sewer Extension Expanding Existing System & Treat Swa	2.7592	SFY 2012 PPL Sewer System Project / Rank:	199
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.0022	\$307,673	\$638.03	2.440%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Nashwauk</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			4.0022 (million)

New Brighton **** COUNTY: Ramsey POPULATION*: 22,206 MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,856

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

LIPP Lining & Fracture Repairs	0.5	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$3.84	0.007%

Overall cost of projects identified as of January 1, 2012 by the community of New Brighton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of New Brighton

New Germany	COUNTY: Carver	POPULATION*: 450	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,094
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Infrastructure Improvement Project	4.33	Sewer System Project	
Sewer Treatment	4.1	SFY 2012 PPL Treatment Facilities Project / Rank:	204

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.43	\$648,065	\$67.31	0.186%

Overall cost of projects identified as of January 1, 2012 by the community of New Germany as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.43 (million)

New Hope	COUNTY: Hennepin	POPULATION*: 1,066	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,795
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

2011 Street Project #877	0.17	Sewer System Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.17	\$13,069	\$28.34	0.061%

Overall cost of projects identified as of January 1, 2012 by the community of New Hope as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.17 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of New Hope

New London	COUNTY: Kandiyohi	POPULATION*: 332	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,018
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

2011 Improvement Project	1.668	Sewer System Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.668	\$128,229	\$880.96	2.590%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of New London
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.668 (million)*

New Prague	COUNTY: Scott	POPULATION*: 116	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,750
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
2011 Street Reconstruction Project		0.17	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.17	\$13,069	\$379.42	0.909%

*Overall cost of projects identified as of January 1, 2012 by the community of New Prague
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.17 (million)*

New Richland	COUNTY: Waseca	POPULATION*: 1,359	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,406
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Dogwood Avenue Sewer Replacement		0.2	SFY 2012 PPL Sewer System Project / Rank: 112
2011 Wastewater Treatment Plant Improvements		1.35	SFY 2012 PPL Treatment Facilities Project / Rank: 112
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.55	\$119,158	\$19.52	0.054%

*Overall cost of projects identified as of January 1, 2012 by the community of New Richland
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.55 (million)*

New York Mills	COUNTY: Otter Tail	POPULATION*: 3,715	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,596
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Gillman and North Main Street		0.32	Sewer System Project
Utility Rehabilitation - Tousley Avenue		0.8	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.12	\$86,101	\$54.65	0.198%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of New York Mills
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.12 (million)*

Newport ***** COUNTY: Washington POPULATION*: 1,197 MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,373

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer Rehab. 0.95 SFY 2012 PPL Sewer System Project / Rank: 267

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

0.95 \$73,032 \$136.08 0.300%

*Overall cost of projects identified as of January 1, 2012 by the community of Newport
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.95 (million)*

***** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Newport

Nielsville COUNTY: Polk POPULATION*: 91 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,750

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- 10 - 20 yr. ---

Force Main Replacement 0.15 SFY 2012 PPL Treatment Facilities Project / Rank: 336

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

0.15 \$11,531 \$259.46 0.935%

*Overall cost of projects identified as of January 1, 2012 by the community of Nielsville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.15 (million)*

Nisswa COUNTY: Crow Wing POPULATION*: 1,953 MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,306

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

WWTF Irrigation Expansion 0.9 Wastewater Treatment Facilities Project

County Road 18 Relocation 0.05 Sewer System Project

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*

0.95 \$73,032 \$80.26 0.166%

--- 5 - 10 yr. ---

WWTF Expansion and Subsurface Disposal 3.8 SFY 2012 PPL Treatment Facilities Project / Rank: 190

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Upgrade of Main Three Lift Station	0.3	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.1	\$315,192	\$346.36	0.717%
--- 10 - 20 yr. ---			
TH 371 and CSAH 17 Commercial	2.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.2	\$169,127	\$185.85	0.385%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Nisswa</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>7.25 (million)</i>

North Branch	COUNTY: Chisago	POPULATION*: 8,023	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,294
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
North Branch Sewer Rehab	4	Sewer System Project	
Wastewater Treatment Plant Phase II	5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9	\$691,884	\$221.21	0.440%
<i>Overall cost of projects identified as of January 1, 2012 by the community of North Branch</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>9 (million)</i>

North Koochiching SD	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
North Koochiching SD		12.079		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
12.079	\$928,585			
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>North Koochiching SD</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>12.079 (million)</i>		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

North Long Lake Sewer	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
North Long Lake Sewer District		0.83	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.83	\$63,807		
<i>Overall cost of projects identified as of January 1, 2012 by the community of North Long Lake Sewer District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.83 (million)</i>

North Mankato	COUNTY: Nicollet	POPULATION*:	3,883	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,816
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Infra Structure Rehabilitation		1.9		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.9	\$146,064	\$101.12	0.207%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of North Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.9 (million)</i>

Northern Twp - Birchm	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Northern Twp - Birchmont Beach		0.925	SFY 2012 PPL Unsewered Area Project / Rank: 224
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.925	\$71,110		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Northern Twp - Birchmont Beach as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.925 (million)</i>

Northern Twp - Birchm	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Northern Twp - Birchmont Court	0.95	SFY 2012 PPL Unsewered Area Project / Rank: 218
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
0.95	\$73,032	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Northern Twp - Birchmont Court as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>0.95 (million)</i>

Northern Twp - Lavinia COUNTY:

POPULATION*:

MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Northern Twp - Lavinia	1.65	SFY 2012 PPL Unsewered Area Project / Rank: 235
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
1.65	\$126,845	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Northern Twp - Lavinia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>1.65 (million)</i>

Northfield

COUNTY: Rice

POPULATION*: 11,798

MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,972

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Southern Cannon river Crossing	0.6	Sewer System Project
Lockwood Drive Reconstruction	0.269	Sewer System Project
Maple Street: Woodley st to East Ridge Drive	0.244	Sewer System Project
Dresden Ave and Freemon W Ave	0.25	Sewer System Project
NW Sanitary Sewer Expansion	1.8	Sewer System Project
Heath Creek Interceptor	0.1	Sewer System Project
Second Street West: Lincoln St to TH 3	0.3	Sewer System Project
Sixth Street: Division St to East end	0.6	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
4.163	\$320,035	\$60.71
		0.121%

--- 5 - 10 yr. ---

Hall Avenue	0.85	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Orchard Street:Greenvale Ave to St. Olaf Ave.	0.22	Sewer System Project		
Girl Scout Line: East side of T.H.3	0.1	Sewer System Project		
Poplar Reconstruction	0.18	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.35	\$103,783	\$19.69	0.039%	
--- 10 - 20 yr. ---				
9th Street - Spring to T.H. 3	0.15	Sewer System Project		
Fareway Drive	0.19	Sewer System Project		
Florellas: Multek to Florellas South Edge	0.1	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.44	\$33,825	\$6.42	0.013%	
Overall cost of projects identified as of January 1, 2012 by the community of Northfield				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.953 (million)	

Northome	COUNTY: Koochiching	POPULATION*:	230	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,417
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab Treatment		2.5	SFY 2012 PPL Treatment Facilities Project / Rank:		125
Rehab Collection		2.5	SFY 2012 PPL Sewer System Project / Rank:		125
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
5	\$384,380	\$70.47	0.277%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Northome</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5 (million)</i>

Northrop	COUNTY: Martin	POPULATION*:	230	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,333
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
WW Collection System Improvements		1.2	SFY 2012 PPL Sewer System Project / Rank: 25		
Wastewater System Improvements		1.4	SFY 2012 PPL Treatment Facilities Project / Rank: 25		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.6	\$199,878		\$2,067.70	5.394%	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of Northrop
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.6 (million)*

Norwood Young Ameri	COUNTY: Carver	POPULATION*:	3,108	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,152
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
South Street Sanitary Sewer Improvements		0.222		Sewer System Project	
CIP pipe lining		0.07		Sewer System Project	
2nd Avenue lift station		0.554		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.846	\$65,037		\$49.99	0.108%	

*Overall cost of projects identified as of January 1, 2012 by the community of Norwood Young America
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.846 (million)*

Ogilvie	COUNTY: Kanabec	POPULATION*:	474	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,292
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Southeast Sewer Extension		0.037		Sewer System Project	
Collection System Improvements		0.13		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.167	\$12,838		\$63.49	0.233%	

--- 5 - 10 yr. ---					
WWTF Improvements		3.5		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.5	\$269,066		\$1,330.55	4.875%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Ogilvie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.667 (million)</i>					

Olivia	COUNTY: Renville	POPULATION*:	2,570	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,060
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census.
Special Districts and Unsewered
Area values missing (No 2010
Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are
combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt
service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for
projects indicated. Does not include community operation and
maintenance costs or existing wastewater infrastructure debt
service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Rehab treatment system	3.2286	SFY 2012 PPL Treatment Facilities Project / Rank:	223
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.2286	\$248,202	\$207.80	0.593%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Olivia</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			3.2286 (million)

Onamia	COUNTY: Mille Lacs	POPULATION*:	847	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Secondary Treatment	0.12		Wastewater Treatment Facilities Project		
Manhole Rehab	0.018		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.138	\$10,609	\$30.03	0.141%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Onamia</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.138 (million)

Oronoco	COUNTY: Olmsted	POPULATION*:	883	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$67,656
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Oronoco	2.4		SFY 2012 PPL Unsewered Area Project / Rank: 126		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.4	\$184,502	\$495.68	0.733%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Oronoco</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					2.4 (million)

Ortonville	COUNTY: Big Stone	POPULATION*:	2,158	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,614
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Transfer Structure Replacement	0.13		SFY 2012 PPL Treatment Facilities Project / Rank:		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Rehab collection system	0.85	SFY 2012 PPL Sewer System Project / Rank:	57
McCloud Street - Rehab collection system	0.655	SFY 2012 PPL Sewer System Project / Rank:	117
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.635	\$125,692	\$122.56	0.400%
Overall cost of projects identified as of January 1, 2012 by the community of Ortonville			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.635 (million)			

Osakis	COUNTY: Douglas	POPULATION*:	1,567	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,833
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
No name given		0.35		SFY 2012 PPL Sewer System Project / Rank: 225	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.35	\$26,907	\$36.64	0.123%		
--- 5 - 10 yr. ---					
City of Osakis		6.5		SFY 2012 PPL Treatment Facilities Project / Rank: 225	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
6.5	\$499,694	\$680.37	2.281%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Osakis</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>6.85 (million)</i>	

Oslo	COUNTY: Marshall	POPULATION*:	347	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,375
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Rehab collection system		0.2875	SFY 2012 PPL Sewer System Project / Rank: 250		
Rehab treatment system		0.2875	SFY 2012 PPL Treatment Facilities Project / Rank: 250		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.575	\$44,204	\$268.81	0.782%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Oslo</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.575 (million)</i>					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Ostrander	COUNTY: Fillmore	POPULATION*:	212	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,875
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Collection System Rehabilitation		0.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438		\$345.94	0.826%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Ostrander as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.5 (million)</i>

Owatonna	COUNTY: Steele	POPULATION*:	22,434	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,660
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Trunk Line System Rehabilitation		5		Sewer System Project	
Northwest Sanitary Sewer Trunk Line		12.2		Sewer System Project	
Wastewater Treatment Facility Expansion and Upgrade		18.3		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
35.5	\$2,729,098		\$282.19	0.618%	
--- 5 - 10 yr. ---					
East Sanitary Sewer Trunk Line		1.6		Sewer System Project	
Northeast Sanitary Sewer Trunk Line		9.6		Sewer System Project	
Southeast Sanitary Sewer Trunk Line		27.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
38.7	\$2,975,101		\$307.63	0.674%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Owatonna as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>74.2 (million)</i>

Park Rapids	COUNTY: Hubbard	POPULATION*:	991	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,628
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Third Street Utilites		0.622		Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

Riverside Avenue Utilities	0.872	Sewer System Project	
Airport Utilities	0.294	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.788	\$137,454	\$308.50	1.306%
Overall cost of projects identified as of January 1, 2012 by the community of <i>Park Rapids</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.788 (million)

Paynesville	COUNTY: Stearns	POPULATION*: 2,267	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,000
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehab and convert to activated sludge	8.28	SFY 2012 PPL Treatment Facilities Project / Rank: 193	
2016 Street Improvement	1.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.78	\$751,847	\$724.48	2.131%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Paynesville</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>9.78 (million)</i>

Pease	COUNTY: Mille Lacs	POPULATION*: 163	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,833
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2009 Utility Extensions Pease	0.4	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.4	\$30,750	\$446.38	1.246%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Pease as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.4 (million)</i>

Pelican Rapids	COUNTY: Otter Tail	POPULATION*: 2,374	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,232
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
RBC upgrade to MMBR	0.78	Wastewater Treatment Facilities Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Grit System Rehab	0.025	Wastewater Treatment Facilities Project	
Sewer Rehab	3.166	SFY 2012 PPL Sewer System Project / Rank:	63
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.971	\$305,275	\$310.80	1.141%
Overall cost of projects identified as of January 1, 2012 by the community of Pelican Rapids			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			3.971 (million)

Pequot Lakes		COUNTY: Crow Wing	POPULATION*:	947	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,812
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---						
Pequot Lakes - Alley			0.35			
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.35		\$26,907		\$50.56	0.212%	
--- 5 - 10 yr. ---						
Rehab. Treatment Facilities Add Spray Irrigation			2	SFY 2012 PPL Treatment Facilities Project / Rank: 131		
Sanitary Sewer Main Rehab			0.8	Sewer System Project		
Rehab. Collection System			2	SFY 2012 PPL Sewer System Project / Rank: 131		
Expansion of Collection System - Highway 371 Area			0.75	SFY 2012 PPL Sewer System Project / Rank: 132		
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.55		\$426,662		\$801.66	3.367%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>				<i>Pequot Lakes</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>5.9 (million)</i>		

Perham	COUNTY: Otter Tail	POPULATION*:	2,559	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,397
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
3rd Street NW and Lake Avenue	0.397		SFY 2012 PPL Sewer System Project / Rank: 189		
Wastewater treatment facility expansion & Infiltration Bas	4.8		SFY 2012 PPL Treatment Facilities Project / Rank: 188		
Third avenue southwest street and utility improvements	0.597		Sewer System Project		
Second Avenue SW Street and Utility Improvements	0.5		Sewer System Project		
3rd Stree NE Street and Utility Improvements	0.833		Sewer System Project		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.127	\$547,895	\$446.65	1.573%

--- 5 - 10 yr. ---

N.E. Industrial Park Utility and Street Improvements	0.404	Sewer System Project
5th Street NW - Utility Improvements	0.091	Sewer System Project
Third street SW (hospital) street and utility improvements	0.13	SFY 2012 PPL Sewer System Project / Rank: 195

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.625	\$48,048	\$39.17	0.138%

Overall cost of projects identified as of January 1, 2012 by the community of Perham as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.752 (million)

Pine City	COUNTY: Pine	POPULATION*: 3,043	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,118
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Replace existing facility with a mechanical plant	30	SFY 2012 PPL Treatment Facilities Project / Rank: 198
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
30	\$2,306,280	\$1,698.57	5.833%

Overall cost of projects identified as of January 1, 2012 by the community of Pine City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 30 (million)

Plymouth	COUNTY: Hennepin	POPULATION*: 65,894	MEDIAN HOUSEHOLD INCOME (MHI)*: \$77,008
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Kingswood Farm Lift Station Rehab	0.8	Sewer System Project
Annual Sewer Lining	0.51	Sewer System Project
Sunset H:11 Lift Station Rehab	0.74	Sewer System Project
Ferndale North Lift Station Rehab	0.8	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.85	\$219,097	\$7.94	0.010%

--- 5 - 10 yr. ---

Waterfront Lift Station Rehab	0.38	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Bass Lake Plaza Lift Station Rehab	0.8	Sewer System Project	
Green Tree Lift Station Rehab	0.75	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.93	\$148,371	\$5.38	0.007%
--- 10 - 20 yr. ---			
Future Development	16.8	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
16.8	\$1,291,517	\$46.83	0.061%
Overall cost of projects identified as of January 1, 2012 by the community of Plymouth			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			21.58 (million)
*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Plymouth			

Pope County - Clearwat	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Pope County - Clearwater Bay	0.732434	SFY 2012 PPL Unsewered Area Project / Rank: 86	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.732434	\$56,307		
Overall cost of projects identified as of January 1, 2012 by the community of Pope County - Clearwater Bay			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.7324 (million)

Princeton	COUNTY: Mille Lacs	POPULATION*:	3,933	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,216
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank			
--- Current ---					
Sherburne Mobile Home Sewer Extnsion	0.8	Sewer System Project			
NW Trunk sewer Extension Phase 2	1.23	Sewer System Project			
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
2.03	\$156,058	\$86.49	0.246%		
--- 5 - 10 yr. ---					
NW trunk sewer extension Phase 3	0.446995	Sewer System Project			
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.446995	\$34,363	\$19.04	0.054%		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 10 - 20 yr. ---

NW trunk sewer extension Phase 4	0.373045	Sewer System Project
NW trunk sewer extension phase 5	0.370645	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.74369	\$57,172	\$31.68	0.090%

Overall cost of projects identified as of January 1, 2012 by the community of Princeton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.2207 (million)

Prior Lake	****	COUNTY: Scott	POPULATION*: 15,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$75,363
Project(s)			Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sanitary Sewer Slip Lining	0.8	Sewer System Project
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.8	\$61,501	\$9.81	0.013%

Overall cost of projects identified as of January 1, 2012 by the community of Prior Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Prior Lake

Quamba		COUNTY: Kanabec	POPULATION*: 98	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,125
Project(s)			Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Unsewered connect to Mora	2.907	SFY 2012 PPL Unsewered Area Project / Rank: 256
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.907	\$223,479	\$6,094.87	15.987%

Overall cost of projects identified as of January 1, 2012 by the community of Quamba
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.907 (million)

Racine		COUNTY: Mower	POPULATION*: 355	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,750
Project(s)			Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer Repairs	0.006	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.006	\$461	\$3.43	0.006%
--- 5 - 10 yr. ---			
Rehab/expand existing system	0.6	SFY 2012 PPL Treatment Facilities Project / Rank:	341
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$343.08	0.638%
Overall cost of projects identified as of January 1, 2012 by the community of Racine			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.606 (million)

Randolph	COUNTY: Dakota	POPULATION*: 318	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Unsewered collection	1.8575	SFY 2012 PPL Unsewered Area Project / Rank: 342	
Unsewered Treatment	1.8575	SFY 2012 PPL Unsewered Area Project / Rank: 342	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.715	\$285,594	\$2,196.88	5.139%
Overall cost of projects identified as of January 1, 2012 by the community of Randolph			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3.715 (million)

Red Lake Falls	COUNTY: Red Lake	POPULATION*: 1,590	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,536
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
3rd Street	0.677938	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.677938	\$52,117	\$77.15	0.253%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>Red Lake Falls</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.6779 (million)</i>	

Red Wing	COUNTY: Goodhue	POPULATION*: 16,116	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,674
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Rehab Main Facility and Biosolids	2.767	SFY 2012 PPL Treatment Facilities Project / Rank:	73
Digester Cover Replacement with Mixers & Gas Meters	0.35	Wastewater Treatment Facilities Project	
Construct Regional Biosolids Facility	4.5	SFY 2012 PPL Treatment Facilities Project / Rank:	270
Sewer Rehabilitation - Ongoing	1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
8.617	\$662,440	\$90.86	0.208%

Overall cost of projects identified as of January 1, 2012 by the community of Red Wing
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.617 (million)

Redwood Falls **COUNTY: Redwood** **POPULATION*: 5,459** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,812**

Project(s) **Cost Estimate (millions)** **Project Type / SFY 2010 PPL Listed - Rank**

--- Current ---

Drew Street Sewer Line Replacement	0.5	Sewer System Project	
Morten Drive Repair	0.11	Sewer System Project	
Schmall Drive Reconstruction	0.325	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.935	\$71,879	\$28.55	0.074%

--- 5 - 10 yr. ---

County Road No. 1 improvement	0.45	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.45	\$34,594	\$13.74	0.035%

Overall cost of projects identified as of January 1, 2012 by the community of Redwood Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.385 (million)

Rice County **COUNTY:** **POPULATION*:** **MEDIAN HOUSEHOLD INCOME (MHI)*:**

Project(s) **Cost Estimate (millions)** **Project Type / SFY 2010 PPL Listed - Rank**

--- Current ---

Rice County - Roberds Lake	3.3	SFY 2012 PPL Unsewered Area Project / Rank:	75
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.3	\$253,691		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of *Rice County*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *3.3 (million)*

Richfield	****	COUNTY: Hennepin	POPULATION*: 34,439	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,519
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Manhole cover replacement 100 a yr until they are all repl		0.15	Sewer System Project	
Part of MCES Project Number 805430		0.06	Sewer System Project	
I/I investigation		0.5	Sewer System Project	
New SCADA System Implementation		0.4	Sewer System Project	
Woodlake Lift Station Renovation		0.03	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.14	\$87,639	\$5.23	0.011%	
--- 10 - 20 yr. ---				
Rehab of 1500-2000 ft of sewer main a yr		0.065	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.065	\$4,997	\$0.30	0.001%	

Overall cost of projects identified as of January 1, 2012 by the community of *Richfield*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *1.205 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Richfield

Rochester	COUNTY: Olmsted	POPULATION*: 91,264	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,090
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Kutzky Area Swer Relief	2.1	Sewer System Project	
Golf Course South	2.5	Sewer System Project	
Lift Station 5 Rehabilitation (Green Meadows)	1	Sewer System Project	
2nd Avenue NW/Goose Egg Park Trunkline	2	Sewer System Project	
Extension Sanitary Sewer SSA 15E, 15-11, & 15-12	1.95	Sewer System Project	
1st Ave SW Sanitary Sewer Relief Line	3.5	Sewer System Project	
Golf Course West Trunkline Upgrade	1.45	Sewer System Project	
Annual maintenance and General Trunkline Relief	11.75	Sewer System Project	

* Pop. MHI from 2000 Census.
Special Districts and Unsewered
Area values missing (No 2010
Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are
combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt
service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for
projects indicated. Does not include community operation and
maintenance costs or existing wastewater infrastructure debt
service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
26.25	\$2,017,995	\$51.38	0.105%
--- 5 - 10 yr. ---			
Extend Sanitary Sewer Portions of Section 19, 20, 29, and	2.15	Sewer System Project	
Water Reclamation Plant: Future Plant Expansion	56	SFY 2012 PPL Treatment Facilities Project / Rank: 259	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
58.15	\$4,470,339	\$113.83	0.232%
--- 10 - 20 yr. ---			
Sewer Tunnel to Serve Northwest Area and Hadley Valley	18	Sewer System Project	
NW Lift Station & Force Main; Sewer District 30A	15.75	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
33.75	\$2,594,565	\$66.06	0.135%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Rochester</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			118.15 (million)

Rockford	COUNTY: Wright	POPULATION*: 3,484	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,349
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
TH 55	0.1	Sewer System Project	
Miscellaneous WWTP Upgrades	2	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.1	\$161,440	\$112.11	0.218%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Rockford</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.1 (million)

Rogers	COUNTY: Hennepin	POPULATION*: 3,588	MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,143
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
UV Upgrade and Expansion	0.13	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.13	\$9,994	\$7.53	0.010%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

--- 5 - 10 yr. ---

Lab Upgrade/Replacement	0.6	Wastewater Treatment Facilities Project
Secondary Treatment Expansion	15	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
15.6	\$1,199,266	\$903.21
Overall cost of projects identified as of January 1, 2012 by the community of		Annual Household Cost as % MHI
Rogers		1.235%
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		15.73 (million)

Rose Creek	COUNTY: Mower	POPULATION*:	354	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,841
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Sanitary Street Project		0.622		SFY 2012 PPL Sewer System Project / Rank:	262
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.622	\$47,817	\$300.95	0.702%		
Overall cost of projects identified as of January 1, 2012 by the community of		Rose Creek			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					0.622 (million)

Roseland Township	COUNTY: Kaniyohi	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Unsewered Area New treatment system (treatment)		0.9935		SFY 2012 PPL Unsewered Area Project / Rank:	21
Unsewered Area New collection system (collection)		0.9935		SFY 2012 PPL Unsewered Area Project / Rank:	21
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.987	\$152,753				
Overall cost of projects identified as of January 1, 2012 by the community of		Roseland Township			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					1.987 (million)

Rothsay	COUNTY: Wilkin	POPULATION*:	497	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,058
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Sanitary Sewer Rehabilitation	2.734	SFY 2012 PPL Sewer System Project / Rank:	149
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.734	\$210,179	\$941.10	3.030%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Rothsay</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.734 (million)

Rush City	COUNTY: Chisago	POPULATION*:	2,102	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
T.H. 361 Turnback		0.72		SFY 2012 PPL Sewer System Project / Rank:	91
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.72	\$55,351	\$70.66	0.206%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Rush City</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.72 (million)

Sabin	COUNTY: Clay	POPULATION*:	421	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,523
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2011 Sewer Manhole Survey and Repairs		0.015		Sewer System Project	
2011 Sewer Main Cleaning and Televising and Recording		0.036		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.051	\$3,921	\$23.21	0.053%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Sabin</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.051 (million)

Sacred Heart	COUNTY: Renville	POPULATION*:	549	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,333
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2011 Wastewater System Improvements		3		SFY 2012 PPL Sewer System Project / Rank:	44

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3	\$230,628	\$843.76	2.610%

*Overall cost of projects identified as of January 1, 2012 by the community of Sacred Heart
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)*

Sandstone	COUNTY: Pine	POPULATION*: 1,549	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,265
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Wastewater Facility Plan	17.827	SFY 2012 PPL Treatment Facilities Project / Rank: 129
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
17.827	\$1,370,468	\$2,126.59	5.281%

*Overall cost of projects identified as of January 1, 2012 by the community of Sandstone
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 17.827 (million)*

Sartell	COUNTY: Stearns	POPULATION*: 9,641	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,531
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Mill Trunk reconstruction	1.39	Sewer System Project
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L.S. #8 Removal	0.24	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.63	\$125,308	\$32.76	0.062%

--- 5 - 10 yr. ---

Townline tank	0.68	Sewer System Project
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East Central Trunk Line	0.54	Sewer System Project
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Northeast Trunk	0.96	Sewer System Project
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L.S. #12	0.72	Sewer System Project
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Woeline Tank	0.57	Wastewater Treatment Facilities Project
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L.S. #13	0.52	Sewer System Project
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South Pine Cone Spur Line	0.27	Sewer System Project
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Riverside Trunk reconstruction	3.66	Sewer System Project
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L.S. #3 Forcemain replacement	0.21	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Southwest Trunk	1.06	Sewer System Project		
L.S. #11	0.57	Sewer System Project		
L.S. #2 Reconstruction	0.59	Sewer System Project		
St Cloud Forcemain	9.55	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
19.9	\$1,529,832	\$399.90	0.761%	
--- 10 - 20 yr. ---				
L.S. #15	0.2	Sewer System Project		
L.S. #14 Forcemain	0.17	Sewer System Project		
L.S. #15 Forcemain	0.1	Sewer System Project		
L.S. #14	0.46	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.93	\$71,495	\$18.69	0.036%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Sartell</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>22.46 (million)</i>	

Sauk Centre	COUNTY: Stearns	POPULATION*: 3,930	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,644
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Birch and Pine Street South - Rehab/Replacement	0.45	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.45	\$34,594	\$19.27	0.051%
Overall cost of projects identified as of January 1, 2012 by the community of Sauk Centre			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.45 (million)

Sauk Rapids	COUNTY: Benton	POPULATION*: 10,213	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,857
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2nd Ave S - 1st St S to S Benson Dr	0.198	Sewer System Project	
8th Ave S - 1st St S to 4th St S	0.274	Sewer System Project	
9th Ave S - 1st St S to 4th St S	0.207	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.679	\$52,199	\$11.98	0.026%
--- 5 - 10 yr. ---			
8th St N - N Benson Dr to 6th Ave N	0.299	Sewer System Project	
St. Cloud East Side Interceptor	4.232	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.531	\$348,325	\$79.95	0.174%
Overall cost of projects identified as of January 1, 2012 by the community of <i>Sauk Rapids</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.21 (million)

Savage	****	COUNTY: Scott	POPULATION*: 21,115	MEDIAN HOUSEHOLD INCOME (MHI)*: \$75,097
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Hamilton of Savage			0.362	Sewer System Project
2011 Trunk Utility Improvements			1.35	Sewer System Project
South Savage Trunk Sewer			3	Sewer System Project
Sanitary sewer lift station Rehabilitation			0.431	Sewer System Project
Hamilton of Savage VIII			0.877	Sewer System Project
Hamilton of Savage VII			0.739	Sewer System Project
Hamilton of Savage VI			0.563	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.322		\$562,886	\$74.42	0.099%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>			<i>Savage</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>7.322 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Savage				

Scanlon	COUNTY: Carlton	POPULATION*: 838	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,857
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Sewer rehabilitation-CIPP work		0.125	Sewer System Project
Sewer replacement Jefferson- 26th to 28th		0.051	Sewer System Project
Sewer replacement - 23rd - Washington to Sahlman		0.165	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

Sewer replacement - Scanlon Way - Bridge to Lincoln	0.12	Sewer System Project
Sewer Replacement 24th street to Sahlman to Prospect	0.125	Sewer System Project
Sewer replacement 27th - Jefferson - to Sahlman	0.2	Sewer System Project
Sewer replacement - Sahlman - 22nd to 29th	0.2	Sewer System Project
Tall Pine Lane Sewer Improvement	0.06	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.046	\$80,412	\$198.28	0.463%

Overall cost of projects identified as of January 1, 2012 by the community of Scanlon as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.046 (million)

Sebek COUNTY: Wadena POPULATION*: 710 MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,693

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Rehab Collection System - Reduce I/i	0.6	SFY 2012 PPL Sewer System Project / Rank: 246
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.6	\$46,126	\$125.04	0.528%

Overall cost of projects identified as of January 1, 2012 by the community of Sebek as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)

Shafer COUNTY: Chisago POPULATION*: 343 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,667

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Rehab Treatment Facility	1.865	SFY 2012 PPL Treatment Facilities Project / Rank: 307
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.865	\$143,374	\$1,040.62	2.497%

Overall cost of projects identified as of January 1, 2012 by the community of Shafer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.865 (million)

Shakopee COUNTY: Scott POPULATION*: 20,568 MEDIAN HOUSEHOLD INCOME (MHI)*: \$59,137

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

2012 CIPP		0.39	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.39	\$29,982	\$3.58	0.006%	

Overall cost of projects identified as of January 1, 2012 by the community of Shakopee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.39 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shakopee

Sherburn	COUNTY: Martin	POPULATION*: 1,082	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,643
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- Current ---

Wastewater Rehab 2010	1.3	Wastewater Treatment Facilities Project	
North Osborne & West 1st Street	0.754	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.054	\$157,903	\$293.62	1.102%

Overall cost of projects identified as of January 1, 2012 by the community of Sherburn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.054 (million)

Shoreview	COUNTY: Ramsey	POPULATION*: 25,924	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,719
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

--- Current ---

Hanson road, Oakridge Avenue street reconstruction	0.049	Sewer System Project	
Windward Heights Neighborhood	0.1	Sewer System Project	
Turtle Lane Neighborhood	0.08	Sewer System Project	
County road F, Floral Drive Reconstruction	0.065	Sewer System Project	
Sewer Rehabilitation	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.794	\$61,040	\$5.43	0.008%

--- 5 - 10 yr. ---

repair/rehabilitation 2013-2018	2.36	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.36	\$181,427	\$16.13	0.023%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 10 - 20 yr. ---

repair/rehabilitation, 2018-2028	4.38	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.38	\$336,717	\$29.93	0.043%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Shoreview</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>7.534 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Shoreview

Shorewood	****	COUNTY: Hennepin	POPULATION*: 7,400	MEDIAN HOUSEHOLD INCOME (MHI)*: \$96,589
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Rehab aging infrastructure		0.07	Sewer System Project	
Lift station 5 rehab		0.12	Sewer System Project	
Lift station 6 rehab		0.125	Sewer System Project	
Lift Station 11 rehab		0.13	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.445	\$34,210	\$12.17	0.013%	
--- 5 - 10 yr. ---				
Rehab aging infrastructure		0.07	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.07	\$5,381	\$1.92	0.002%	
--- 10 - 20 yr. ---				
Rehab aging infrastructure		0.07	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.07	\$5,381	\$1.92	0.002%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Shorewood</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.585 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shorewood				

Silver Bay	COUNTY: Lake	POPULATION*: 2,068	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,524
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Replacement of boiler & primary clarifier		0.27	Wastewater Treatment Facilities Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.27	\$20,757	\$22.13	0.061%

*Overall cost of projects identified as of January 1, 2012 by the community of Silver Bay
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.27 (million)*

Silver Creek	COUNTY: Lake	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Stewart River Wastewater Treatment		6.914	SFY 2012 PPL Unsewered Area Project / Rank:
Stewart River Collecton System		6.91436	SFY 2012 PPL Unsewered Area Project / Rank:
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.82836	\$1,063,069		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Silver Creek as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.828 (million)</i>			

Sleepy Eye	COUNTY: Brown	POPULATION*:	3,515	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,123
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Ongoing Sewer Rehab		1.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
1.5	\$115,314	\$70.17		0.189%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Sleepy Eye as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)</i>					

South Bend Twnshp	COUNTY: Blue Earth	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered connect to Mankato		3.556	SFY 2012 PPL Unsewered Area Project / Rank: 264
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.556	\$273,371		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2012 by the community of South Bend Twnshp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.556 (million)*

South St Paul COUNTY: Dakota POPULATION*: 20,167 MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,216

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Hardman Triangle Sewer Separation 0.8 Sewer System Project

Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI

0.8 \$61,501 \$6.81 0.015%

*Overall cost of projects identified as of January 1, 2012 by the community of South St Paul
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8 (million)*

Spring Grove COUNTY: Houston POPULATION*: 1,304 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,643

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Primary Settling Tanks rehab 0.13 Wastewater Treatment Facilities Project

Digester Air System Blower and Piping 0.06 Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI

0.19 \$14,606 \$22.63 0.076%

*Overall cost of projects identified as of January 1, 2012 by the community of Spring Grove
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.19 (million)*

Spring Lake Park**** COUNTY: Hennepin POPULATION*: 6,772 MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,646

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- 5 - 10 yr. ---

no name given 0.2 Sewer System Project

Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI

0.2 \$15,375 \$5.08 0.011%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of *Spring Lake Park*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.2 (million)*

*** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Spring Lake Park

St Cloud **COUNTY: Stearns** **POPULATION*: 59,107** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,346**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---		
Area between 9th and 17th Avenue North from 9th to 11th	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
16th Street South between Clearwater Road & Roosevelt	0.225	SFY 2012 PPL Sewer System Project / Rank: 151
Area between 9th and 13th avenue north from 11th to 13th	0.84	SFY 2012 PPL Sewer System Project / Rank: 151
Sewer Interceptor System Repair Project: Phase IV	4.21	Sewer System Project
Sanitary Sewer Lift Station # 3 Replacement Project	2.5	Sewer System Project
4th Avenue SE between East Street Germain and TH 23;	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
Washington Memorial Drive from University Drive to 11t	0.093	SFY 2012 PPL Sewer System Project / Rank: 151
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
9.268	\$712,487	\$28.31 0.076%

--- 5 - 10 yr. ---		
Street Connection Between heatherwood Road & 8th Ave	0.8	Sewer System Project
Design and Construction of West Airport Interceptor Sew	7.5	SFY 2012 PPL Sewer System Project / Rank: 151
40th street South between CSAH 75 and Cooper Avenue	0.354	SFY 2012 PPL Sewer System Project / Rank: 151
Area between 21st & 25th Ave No from Division Street to	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
I-94 Business Park Expansion	0.35	SFY 2012 PPL Sewer System Project / Rank: 151
Area between 3rd St No and BNSF from 21st to 25th Ave	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
Area between TH 23 and 3rd street north from Cooper to	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
Area between 3rd street north and BNSF from Cooper to 2	0.7	SFY 2012 PPL Sewer System Project / Rank: 151
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
11.804	\$907,444	\$36.05 0.097%

Overall cost of projects identified as of January 1, 2012 by the community of *St Cloud*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *21.072 (million)*

St Francis - East & Wes **COUNTY: Anoka** **POPULATION*: 4,910** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,982**

Project(s) **Cost Estimate (millions)** **Project Type / SFY 2010 PPL Listed - Rank**

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- 5 - 10 yr. ---

East Wastewater Treatment Facility	8.51	SFY 2012 PPL Treatment Facilities Project / Rank: 344
TH 47 Sewer & Water Extension	2.73	SFY 2012 PPL Sewer System Project / Rank: 344

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
11.24	\$864,086	\$474.77	0.913%

Overall cost of projects identified as of January 1, 2012 by the community of St Francis - East & West Facilities as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.24 (million)

St James	COUNTY: Watonwan	POPULATION*:	4,695	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,196
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
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--- Current ---

Rehabilitate Collection System	0.798	SFY 2012 PPL Sewer System Project / Rank: 7
Highway 4 Rehab Project	0.798	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.596	\$122,694	\$59.85	0.180%

Overall cost of projects identified as of January 1, 2012 by the community of St James as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.596 (million)

St Joseph	COUNTY: Stearns	POPULATION*:	4,681	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,937
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
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--- Current ---

Replace 12-inch Sanitary Sewer under County Road 75	0.305	Sewer System Project
Main Lift Station Upgrade	1.5	Sewer System Project
First Ave NE Improvements	0.8	Sewer System Project
Park Terrace	1.946	Sewer System Project
South West Trunk Sewer	1.5	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.051	\$465,177	\$373.80	0.960%

--- 5 - 10 yr. ---

Northland Heights Phase II	1.25	Sewer System Project
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.25	\$96,095	\$77.22	0.198%

*Overall cost of projects identified as of January 1, 2012 by the community of St Joseph
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.301 (million)*

St Louis Park COUNTY: Hennepin POPULATION*: 44,126 MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,260

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sanitary Sewer Project: Lift Station # 7 Generator Replace	0.125	Sewer System Project	
Sanitary Sewer Project: Lift Station # 2 & Forcemain Reh	0.475	Sewer System Project	
Sanitary Sewer Repair/Reconstruction	0.803	Sewer System Project	
Sanitary Sewer project LS#2 & FM Rehab	0.475	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.878	\$144,373	\$6.25	0.013%

--- 5 - 10 yr. ---

Sanitary Sewer Mainline Rehabilitation	0.775	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.775	\$59,579	\$2.58	0.005%

*Overall cost of projects identified as of January 1, 2012 by the community of St Louis Park
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.653 (million)*

St Martin COUNTY: Stearns POPULATION*: 278 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,786

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehab. & Expand Existing System	3	SFY 2012 PPL Sewer System Project / Rank: 162	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3	\$230,628	\$2,184.90	5.939%

*Overall cost of projects identified as of January 1, 2012 by the community of St Martin
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)*

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

St Michael	COUNTY: Wright	POPULATION*: 9,099	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,903
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---			
Collection System Interceptor Sewer for Complete Build o	23.778	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
23.778	\$1,827,958	\$562.26	0.804%
<i>Overall cost of projects identified as of January 1, 2012 by the community of St Michael</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 23.778 (million)</i>			

St Paul	COUNTY: Ramsey	POPULATION*: 287,151	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,774
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sewer System Major Rehab and Repairs (1-5 years)	48	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
48	\$3,690,048	\$29.62	0.076%
--- 5 - 10 yr. ---			
Sewer System Major Rehab and Repairs (5-10 years)	53.8	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
53.8	\$4,135,929	\$33.20	0.086%
--- 10 - 20 yr. ---			
Sewer System Rehabilitation and Major Repairs (10-20 ye	122	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
122	\$9,378,872	\$75.29	0.194%
<i>Overall cost of projects identified as of January 1, 2012 by the community of St Paul</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 223.8 (million)</i>			

St Paul Park	COUNTY: Washington	POPULATION*: 5,070	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,805
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Rivers Edge	2.7	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.7	\$207,565	\$102.14	0.201%

*Overall cost of projects identified as of January 1, 2012 by the community of St Paul Park
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.7 (million)*

St Peter	COUNTY: Nicollet	POPULATION*: 9,747	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,344
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

I/I Reduction Program	0.013	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.013	\$999	\$0.30	0.001%

*Overall cost of projects identified as of January 1, 2012 by the community of St Peter
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.013 (million)*

Stacy	COUNTY: Chisago	POPULATION*: 1,278	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,026
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Sunrise Estates Lift Station Improvements	0.01	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.01	\$769	\$1.48	0.004%

*Overall cost of projects identified as of January 1, 2012 by the community of Stacy
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.01 (million)*

Staples	COUNTY: Todd	POPULATION*: 3,104	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,208
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- Current ---

Park Street Sewer Lining	0.1	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$5.41	0.021%

--- 5 - 10 yr. ---

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Northwest Area Improvement	0.5	SFY 2012 PPL Sewer System Project / Rank: 185	
Wastewater Pumping Station and Sanitary Sewer West T.	0.25	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.75	\$57,657	\$40.60	0.161%
Overall cost of projects identified as of January 1, 2012 by the community of Staples			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.85 (million)

Starbuck	COUNTY: Pope	POPULATION*: 1,314	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,235
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Starbuck	0.833		
Fifth and Wollan Street Sanitary Sewer Replacement	0.3	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.133	\$87,101	\$138.74	0.491%
Overall cost of projects identified as of January 1, 2012 by the community of Starbuck			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.133 (million)

Steele County - Bixby	COUNTY:	POPULATION*: 1,098,545	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,235
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Steele County - Bixby	1.098545	SFY 2012 PPL Unsewered Area Project / Rank: 16	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.098545	\$84,452		
Overall cost of projects identified as of January 1, 2012 by the community of Steele County - Bixby			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.0985 (million)

Stephen	COUNTY: Marshall	POPULATION*: 708	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,207
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Structure Replacement	0.15	Wastewater Treatment Facilities Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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**Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.15	\$11,531	\$35.54	0.107%
--- 5 - 10 yr. ---			
Seepage control	0.5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$118.47	0.357%
--- 10 - 20 yr. ---			
1920 Sewer System Replacement	1.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$355.42	1.070%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Stephen</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.15 (million)

Stewart	COUNTY: McLeod	POPULATION*: 564	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,542
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2012-2013 Infrastructure Improvements	11.229	Wastewater Treatment Facilities Project	
2009-2011 Street and Utility Improvements	11.229	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
22.458	\$1,726,481	\$6,447.44	16.728%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>		<i>Stewart</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		22.458	<i>(million)</i>

Stewartville	COUNTY: Olmsted	POPULATION*: 5,411	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,135
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Influent Lift Station Rehab	0.82	SFY 2012 PPL Sewer System Project / Rank: 150	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.82	\$63,038	\$28.18	0.064%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of *Stewartville*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.82 (million)*

Stockton **COUNTY: Winona** **POPULATION*:** **682** **MEDIAN HOUSEHOLD INCOME (MHI)*:** **\$41,250**
Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*
--- 5 - 10 yr. ---
Expansion of Current Sewer System 1.5 Sewer System Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
1.5 \$115,314 \$439.76 1.066%
Overall cost of projects identified as of January 1, 2012 by the community of *Stockton*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *1.5 (million)*

Taconite **COUNTY: Itasca** **POPULATION*:** **315** **MEDIAN HOUSEHOLD INCOME (MHI)*:** **\$30,250**
Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*
--- Current ---
2012 Sanitary Sewer Improvements 0.2 Sewer System Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
0.2 \$15,375 \$101.75 0.336%
Overall cost of projects identified as of January 1, 2012 by the community of *Taconite*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.2 (million)*

Taylors Falls **COUNTY: Chisago** **POPULATION*:** **951** **MEDIAN HOUSEHOLD INCOME (MHI)*:** **\$35,250**
Project(s) *Cost Estimate (millions)* *Project Type / SFY 2010 PPL Listed - Rank*
--- Current ---
Business Park Improvements 0.519154 Sewer System Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
0.519154 \$39,910 \$97.34 0.276%
Overall cost of projects identified as of January 1, 2012 by the community of *Taylors Falls*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.5192 (million)*

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Thief River Falls	COUNTY: Pennington	POPULATION*:	8,410	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,759
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Sanford Health System utilities Imp.	1		Sewer System Project		
County Rd. 62 Utility Imp	0.3		Sewer System Project		
MMCDC 40 Unit Housing Development	0.15		Sewer System Project		
Highway 1 East Utilities Imp	0.1		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.55	\$119,158	\$29.63	0.096%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Thief River Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.55 (million)</i>					

Tonka Bay	****	COUNTY: Hennepin	POPULATION*: 1,547	MEDIAN HOUSEHOLD INCOME (MHI)*: \$84,879
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sewer Lining		0.1275	Sewer System Project	
Sanitary Sewer Replacement		0.887	Sewer System Project	
Lift Station Pump replacement		0.017	Sewer System Project	
Lift station control panel replacement - 4 panels		0.085	Sewer System Project	
Inflow/Infiltration Correction		0.105	Sewer System Project	
Manhole cover replacement		0.0121	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.2336	\$94,834	\$139.01	0.164%	
--- 5 - 10 yr. ---				
Lift station Pump Replacement		0.019	Sewer System Project	
Sanitary Sewer Replacement		1.271	Sewer System Project	
Manhole Cover Replacement		0.02	Sewer System Project	
Sewer Lining		0.2137	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.5237	\$117,136	\$171.70	0.202%	
--- 10 - 20 yr. ---				

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Sewer Replacement	1.383	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.383	\$106,320	\$155.84	0.184%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Tonka Bay</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.1403 (million)</i>			
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Tonka Bay			

Tower	COUNTY: St. Louis	POPULATION*:	479	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,429
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Hoo-Doo Point sewer extension	0.6273		SFY 2012 PPL Sewer System Project / Rank: 293		
Tower - West T.H. 169 Service Extension	0.787		SFY 2012 PPL Sewer System Project / Rank: 245		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.4143	\$108,726	\$419.97	1.589%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Tower</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.4143 (million)</i>					

Tower & Breitung Wast	COUNTY: St. Louis	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
West T.H. 169 Extend Collection		0.787		SFY 2012 PPL Sewer System Project / Rank:	379
Hoo-Doo Point Extend Collection		0.627		SFY 2012 PPL Sewer System Project / Rank:	321
Increase Capacity of Collection / Interceptors		1.3		SFY 2012 PPL Sewer System Project / Rank:	33
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.714	\$208,641				
<i>Overall cost of projects identified as of January 1, 2012 by the community of Tower & Breitung Wastewater Board</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.714 (million)</i>					

Tracy	COUNTY: Lyon	POPULATION*:	2,268	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,356
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Rehabilitation of Collection System	0.25	SFY 2012 PPL Sewer System Project / Rank:	48
Replacement of Primary and Secondary Pond System	5	SFY 2012 PPL Treatment Facilities Project / Rank:	48
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.25	\$403,599	\$393.97	1.256%
Overall cost of projects identified as of January 1, 2012 by the community of Tracy			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			5.25 (million)

Trimont	COUNTY: Martin	POPULATION*:	754	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2009-2011 Infrastructure Improvements		0.63		SFY 2012 PPL Treatment Facilities Project / Rank:	30
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.63	\$48,432		\$135.37	0.481%	
--- 5 - 10 yr. ---					
Sewer System Rehab		5.5		SFY 2012 PPL Sewer System Project / Rank:	30
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5.5	\$422,818		\$1,181.79	4.202%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i>			<i>Trimont</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>6.13 (million)</i>		

Trosky	COUNTY: Pipestone	POPULATION*:	116	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Unsewered Treatment	0.3		SFY 2012 PPL Unsewered Area Project / Rank: 53		
Unsewered - Collection	0.35		SFY 2012 PPL Unsewered Area Project / Rank: 53		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.65	\$49,969	\$977.66	2.697%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Trosky</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.65 (million)</i>

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Truman	COUNTY: Martin	POPULATION*:	1,259	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system		0.8215		SFY 2012 PPL Sewer System Project / Rank:	88
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.8215	\$63,154		\$111.45	0.318%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Truman as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.8215 (million)</i>

Two Harbors	COUNTY: Lake	POPULATION*:	3,613	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,708
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Mercury Minimization		2		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2	\$153,752		\$90.86	0.241%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Two Harbors as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2 (million)</i>

Ulen	COUNTY: Clay	POPULATION*:	532	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,813
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Ulen		1.64			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.64	\$126,077		\$558.96	2.010%	
<i>Overall cost of projects identified as of January 1, 2012 by the community of Ulen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.64 (million)</i>

Vadnais Heights	COUNTY: Ramsey	POPULATION*:	13,069	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$60,804
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Goose Lake Road Utility Extension	0.425	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.425	\$32,672	\$5.81	0.010%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Vadnais Heights</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.425 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Vadnais Heights

Vernon Center	COUNTY: Blue Earth	POPULATION*:	359	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,703
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab Collection system	0.95		SFY 2012 PPL Sewer System Project / Rank: 153		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.95	\$73,032	\$497.95	0.982%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Vernon Center</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
0.95 (million)					

Victoria	****	COUNTY: Carver	POPULATION*:	4,025	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$86,772
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---						
Hwy 5 Sewer Replacement			0.015	Sewer System Project		
Lift Station Upgrades (1 Every Year)			0.15	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.165	\$12,685		\$8.35	0.010%		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Victoria</i>						
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						
<i>0.165 (million)</i>						
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Victoria						

Virginia	COUNTY: St. Louis	POPULATION*:	9,157	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,873
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Lift station - Pillsbury addition	1.5	Sewer System Project			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$23.95	0.083%

*Overall cost of projects identified as of January 1, 2012 by the community of Virginia
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)*

Wabasha	COUNTY: Wabasha	POPULATION*: 2,599	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,291
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2011 Relining Project	0.1648	Sewer System Project	
2012 Road Project	0.3665	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5313	\$40,844	\$34.61	0.098%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Wabasha as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5313 (million)</i>			

Waconia	COUNTY: Carver	POPULATION*: 6,814	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,705
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sugarbush Improvements	0.311	Sewer System Project	
Infrastructure 2012 - sewer systems - 1st street	0.154	Sewer System Project	
Infrastructure 2010 - Maple Street	0.242	Sewer System Project	
Infrastructure 2010 - sewer system - 2nd	0.156	Sewer System Project	
Willowbrooke Lift Station	0.175	Sewer System Project	
I & I Reduction	0.083	Sewer System Project	
Pheasant Ridge Lift Station	0.15	Sewer System Project	
Sunset Lift Station	0.12	Sewer System Project	
Infrastructure 2014 - Walnut and 3rd Street	0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.591	\$122,310	\$42.87	0.077%
--- 5 - 10 yr. ---			
Infrastructure 2016 - Elm Street and 5th street	0.3	Sewer System Project	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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Alphabetical by Name of Community

Infrastructure 2014 - sewer system - Vine, 3rd, 4th, Elm	0.2	Sewer System Project
Oak, Spruce, 1st, 2nd, 3rd	0.25	Sewer System Project
Pine, Spruce, 1st, 2nd	0.25	Sewer System Project
Lake Street and Sterling Hills Lift Stations.	0.13	Sewer System Project
1st Street, 2nd Street and Elm Street	0.2	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1.33	\$102,245	\$35.83
		0.064%
Overall cost of projects identified as of January 1, 2012 by the community of Waconia		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		2,921 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Waconia		

Wadena	COUNTY: Wadena	POPULATION*: 4,294	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,947
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
SW Rehab (Tornado)	6.1	Sewer System Project	
City of Wadena SE Reconstruction	6.77	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
12.87	\$989,394	\$475.92	1.766%
--- 10 - 20 yr. ---			
SW Rehab (Split from Original)	10	SFY 2012 PPL Sewer System Project / Rank: 109	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10	\$768,760	\$369.79	1.372%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Wadena</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>22.87 (million)</i>

Waite Park	COUNTY: Stearns	POPULATION*: 6,568	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,803
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
18th Ave. Improvements	0.52	Sewer System Project	
Waite Avenue Redevelopment	0.202	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.722	\$55,504	\$16.84	0.050%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

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*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Waite Park**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.722 (million)**

Waldorf	COUNTY: Waseca	POPULATION*: 242	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Inflow & Infiltration Abatement Program		1.312	SFY 2012 PPL Sewer System Project / Rank: 68
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.312	\$100,861	\$881.31	2.350%

Overall cost of projects identified as of January 1, 2012 by the community of **Waldorf**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.312 (million)**

Walker	COUNTY: Cass	POPULATION*: 1,069	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,125
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Michigan Ave. Utility and Street Improvements		0.68	Sewer System Project
2ND ST., 3RD ST., 4TH ST., 5TH ST., 6TH ST., Park A		2.375	SFY 2012 PPL Sewer System Project / Rank: 118
Sanitary sewer extension to the Industrial Park		0.67	Sewer System Project
Sanitary sewer lining approx 3000 ft.		0.09	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.815	\$293,282	\$587.87	1.775%

Overall cost of projects identified as of January 1, 2012 by the community of **Walker**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **3.815 (million)**

Walnut Grove	COUNTY: Redwood	POPULATION*: 599	MEDIAN HOUSEHOLD INCOME (MHI)*: \$24,013
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Rehab collection system		2.902	SFY 2012 PPL Sewer System Project / Rank: 118
Wastewater Treatment Plant Rehab		2	Wastewater Treatment Facilities Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.902	\$376,846	\$1,165.50	4.854%

*Overall cost of projects identified as of January 1, 2012 by the community of Walnut Grove
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.902 (million)*

Warba	COUNTY: Itasca	POPULATION*: 183	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,500
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Treatment Pond Improvement - Advanced Treatment	2.278	SFY 2012 PPL Treatment Facilities Project / Rank:	205
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.278	\$175,124	\$1,995.08	7.255%

*Overall cost of projects identified as of January 1, 2012 by the community of Warba
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.278 (million)*

Warren	COUNTY: Marshall	POPULATION*: 1,678	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,250
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

2012 Proposed Street Projects	0.35	Sewer System Project	
Warren	0.85		

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2	\$92,251	\$118.78	0.328%

*Overall cost of projects identified as of January 1, 2012 by the community of Warren
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)*

Watertown	COUNTY: Carver	POPULATION*: 3,029	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,500
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- 5 - 10 yr. ---

Southeast Lift Station and Forcemain	0.95	SFY 2012 PPL Sewer System Project / Rank:	198
Watertown wastewater treatment facility	8.45	SFY 2012 PPL Treatment Facilities Project / Rank:	198

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.4	\$722,634	\$603.31	1.270%

*Overall cost of projects identified as of January 1, 2012 by the community of Watertown
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.4 (million)*

Waterville COUNTY: Le Sueur POPULATION*: 1,833 MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,950

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Rehab collection system, lift station & extension 2.16 SFY 2012 PPL Sewer System Project / Rank: 159

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.16	\$166,052	\$197.68	0.550%

*Overall cost of projects identified as of January 1, 2012 by the community of Waterville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.16 (million)*

Wayzata ***** COUNTY: Hennepin POPULATION*: 4,113 MEDIAN HOUSEHOLD INCOME (MHI)*: \$65,833

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer Collection System CIP 0.4 Sewer System Project

Rehabilitation/ I & I Reduction 0.6 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$35.87	0.054%

--- 5 - 10 yr. ---

Rehabilitation/Address I & I 0.2 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2	\$15,375	\$7.17	0.011%

*Overall cost of projects identified as of January 1, 2012 by the community of Wayzata
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)*

***** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Wayzata

Wells, Easton, Minnesot COUNTY: Faribault POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Sanitary Interceptor	1.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
1.5	\$115,314	
Overall cost of projects identified as of January 1, 2012 by the community of Wells, Easton, Minnesota Lake WW Board as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		1.5 (million)

Western Lake Superior	COUNTY: St. Louis	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	

--- Current ---

Interceptor Improvements - Phase I	15.8858	SFY 2012 PPL Sewer System Project / Rank:	5
Treatment Plant Improvements - Phase I	32.024	SFY 2012 PPL Treatment Facilities Project / Rank:	105
Pump Station Improvements - Phase I	3.793	Sewer System Project	
Biogas Fueled Engine Generator/Heat Recovery	5.6	SFY 2012 PPL Treatment Facilities Project / Rank:	264
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
57.3028	\$4,405,210		

--- 5 - 10 yr. ---

Interceptor Improvements - Phase II	15.462	SFY 2012 PPL Sewer System Project / Rank:	5
Treatment Plant Improvements - Phase II	15.779	Wastewater Treatment Facilities Project	
Pump Station Improvements - Phase II	30.372	SFY 2012 PPL Sewer System Project / Rank:	106
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
61.613	\$4,736,561		

--- 10 - 20 yr. ---

Pike Lake Pump Station/Interceptor Improvements	6.3	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
6.3	\$484,319	

Overall cost of projects identified as of January 1, 2012 by the community of Western Lake Superior Sanitary District (WLSSD) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **125.22 (million)**

Whalan	COUNTY: Fillmore	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Whalan Unsewered Treatment	0.5063	SFY 2012 PPL Treatment Facilities Project / Rank: 349
Whalan Unsewered Collection	0.5063	SFY 2012 PPL Sewer System Project / Rank: 349

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.0126	\$77,845		

Overall cost of projects identified as of January 1, 2012 by the community of Whalan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.0126 (million)

Wheaton	COUNTY: Traverse	POPULATION*: 1,619	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,219
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Sewer Rehab, Phase 3	2.4	SFY 2012 PPL Sewer System Project / Rank: 130
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.4	\$184,502	\$222.29	0.761%

Overall cost of projects identified as of January 1, 2012 by the community of Wheaton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.4 (million)

White Bear Township	COUNTY: Ramsey	POPULATION*: 1,107	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,219
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Rehab Collection system	1.107	SFY 2012 PPL Sewer System Project / Rank: 238
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.107	\$85,102		

Overall cost of projects identified as of January 1, 2012 by the community of White Bear Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.107 (million)

White Township	COUNTY: St. Louis	POPULATION*: 0.317	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,219
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Gardendale Utility Improv. Program - Rehab sewers	0.317	SFY 2012 PPL Sewer System Project / Rank: 23
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* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.317	\$24,370		

*Overall cost of projects identified as of January 1, 2012 by the community of White Township
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.317 (million)*

Whitewater River Regi	COUNTY: Olmsted	POPULATION*: 1,627	MEDIAN HOUSEHOLD INCOME (MHI)*: \$125,077
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Plant Improvements		1.627	SFY 2012 PPL Treatment Facilities Project / Rank: 136
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.627	\$125,077		
<i>Overall cost of projects identified as of January 1, 2012 by the community of Whitewater River Regional WWTF: Dover - Eyota as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.627 (million)</i>			

Willmar	COUNTY: Kandiyohi	POPULATION*: 18,351	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,455
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Lakeland Drive Interceptor Project		3.125	SFY 2012 PPL Sewer System Project / Rank: 69
Western Collector (Interceptor) Sewer Project		5.116	SFY 2012 PPL Sewer System Project / Rank: 179
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.241	\$633,535	\$78.09	0.233%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Willmar as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.241 (million)</i>			

Windom	COUNTY: Cottonwood	POPULATION*: 4,490	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,744
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
2012 Sewer & Watermain Improvement Project		0.141	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.141	\$10,840	\$5.11	0.017%

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2012 by the community of **Windom**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.141** (million)

Winnebago	COUNTY: Faribault	POPULATION*: 1,487	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,321
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTP Renovation	3.7	Wastewater Treatment Facilities Project	
Main Street Sewer Lining Project	0.482	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.182	\$321,495	\$451.40	1.397%
--- 5 - 10 yr. ---			
Sanitary sewer collection system I/I Investigation & Corre	0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$10.79	0.033%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i> Winnebago			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 4.282 (million)			

Winona	COUNTY: Winona	POPULATION*: 27,069	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,845
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Lift Station #4 Controls	0.06	Sewer System Project	
Slip Lining of 9th Street Sanitary Sewer	0.3	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.36	\$27,675	\$2.42	0.007%
<i>Overall cost of projects identified as of January 1, 2012 by the community of</i> Winona			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 0.36 (million)			

Winsted	COUNTY: McLeod	POPULATION*: 2,094	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,588
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Rehabilitation of #2 Clarifier	0.1	Wastewater Treatment Facilities Project
New Generator at the Sewer Plant	0.08	Wastewater Treatment Facilities Project
Ultraviolet Disinfection System	0.2	Wastewater Treatment Facilities Project
Return Activated Sludge Pumps	0.03	Wastewater Treatment Facilities Project
Preliminary Screening Replacement	0.04	Wastewater Treatment Facilities Project
Grit Removal	0.5	Wastewater Treatment Facilities Project
Interceptor Rehabilitation	0.15	Sewer System Project
Rehabilitation of #1 Ditch	0.2	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
1.3	\$99,939	\$109.42 0.263%
--- 5 - 10 yr. ---		
Sanitary Sewer Extension West, East and North	1.6	Sewer System Project
Replace Three Lift Stations	1.25	Sewer System Project
Phosphorous Removal	0.6	Wastewater Treatment Facilities Project
Old Ponds	0.3	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
3.75	\$288,285	\$315.64 0.759%
Overall cost of projects identified as of January 1, 2012 by the community of Winsted		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.05 (million)		

Winton	COUNTY: St. Louis	POPULATION*: 185	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,063
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Winton Wastewater Collection Improvements Phase II	0.39	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.39	\$29,982	\$317.45	1.092%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Winton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.39 (million)</i>			

Woodbury	****	COUNTY: Washington	POPULATION*: 46,463	MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,109
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

--- Current ---

2010-2014 Capital Improvement Plan	11.6	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
11.6	\$891,762	\$48.13	0.063%
Overall cost of projects identified as of January 1, 2012 by the community of Woodbury			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			11.6 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Woodbury			

Worthington	COUNTY: Nobles	POPULATION*: 11,283	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,250
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
North Humiston sewer extension	0.36	Sewer System Project	
Flower Lane sewer extension	0.1	Sewer System Project	
south district lift station & forcemain	0.26	Sewer System Project	
2013 Sewer Improvement	0.4	Sewer System Project	
East district lift station & force main	1.05	Sewer System Project	
2015 Sewer Improvements	0.41	Sewer System Project	
2013 Sewer Improvements	0.4	Sewer System Project	
2014 Sewer Improvements	0.44	Sewer System Project	
TH 59 North Sewer Extension Phase 1	0.18	Sewer System Project	
TH 59 North Sewer Extension Phase 2	1.5	Sewer System Project	
2012 Sewer improvements	0.42	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.52	\$424,356	\$88.59	0.244%
<i>Overall cost of projects identified as of January 1, 2012 by the community of Worthington as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
<i>5.52 (million)</i>			

Wright	COUNTY: Carlton	POPULATION*:	93	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,375
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Unsewered Area Collection	0.8		SFY 2012 PPL Unsewered Area Project / Rank: 166		
Unsewered Area Treatment	0.8		SFY 2012 PPL Unsewered Area Project / Rank: 166		

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

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Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.6	\$123,002	\$2,635.75	6.694%

*Overall cost of projects identified as of January 1, 2012 by the community of Wright
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.6 (million)*

Wykoff	COUNTY: Fillmore	POPULATION*: 460	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,625
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Wastewater Treatment Facility		1.63	SFY 2012 PPL Treatment Facilities Project / Rank: 237
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.63	\$125,308	\$544.82	1.779%

*Overall cost of projects identified as of January 1, 2012 by the community of Wykoff
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.63 (million)*

Wyoming	COUNTY: Chisago	POPULATION*: 3,048	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,192
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Citgo lift Station and Force Main Improvement		0.597	Sewer System Project
Viking Boulevard/Fallbrook Avenue Trunk Sewer Upgrad		0.798	Sewer System Project
Railroad Lift Station and Trunk Sewer Improvements		2.581	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.976	\$305,659	\$268.91	0.479%

*Overall cost of projects identified as of January 1, 2012 by the community of Wyoming
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.976 (million)*

Zimmerman	COUNTY: Sherburne	POPULATION*: 2,851	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,332
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Structure over digester		0.11	Wastewater Treatment Facilities Project
Updating control panels		0.75	Sewer System Project

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

Appendix 2: 2011 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.86	\$66,113	\$61.79	0.125%

Overall cost of projects identified as of January 1, 2012 by the community of Zimmerman
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.86 (million)

Zumbro Falls	COUNTY: Wabasha	POPULATION*: 177	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,188
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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--- 5 - 10 yr. ---

Rehabilitation and Expansion of Stabilization Pond	0.75	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.75	\$57,657	\$673.91	1.812%

Overall cost of projects identified as of January 1, 2012 by the community of Zumbro Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)

* Pop. MHI from 2000 Census. Special Districts and Unsewered Area values missing (No 2010 Census MHI provided)

** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Afton	157	Unsewered, potential SSTS	☒		279825	48	\$1,800,000
Aitkin	192	Rehab collection system			279862	44	\$1,400,000
ALASD - AGA Drive	193	Interceptor improvements			279736	43	\$706,000
ALASD - CR82	194	Interceptor improvements			279735	43	\$1,367,000
ALASD - Digester	195	Additional aroebic digester cell			279733	43	\$2,205,000
ALASD - TH29	196	Interceptor improvements			279734	43	\$1,325,000
Albert Lea - Stables Area	84	Unsewered, connect to Albert Lea			279701	59	\$5,400,000
Amador Twp - Almelund SSD	248	Unsewered, potential SSTS	☒		279508	32	\$2,745,717
Annandale	220	Rehab collection system			279850	39	\$1,228,200
Annandale - Stormwater	313	Replace conveyance system, add infiltration	☒		279851	8	\$1,087,000
Ashby	96	Rehab collection system			279741	58	\$1,490,000
Askov	83	New treatment plant			272613	59	\$4,600,000
Atwater	151	Sewer rehab			272614	50	\$800,000
Atwater - Stormwater	306	Replace conveyance system, add infiltration	☒		279860	11	\$1,136,000
Austin	175	Rehab/expand existing system			272409	46	\$3,500,000
Austin - Woodhaven	183	Unsewered, connect to Austin		✓	279336	45	\$3,200,000
Backus	77	Connection to Pine River			279602	60	\$3,200,000
Bagley	161	Rehab collection system			280146	48	\$1,861,000
Barnesville	160	Rehab collection system			279637	48	\$547,958
Barry	74	Unsewered, potential SSTS	☒		279565	60	\$135,000
Belgrade	80	Rehab collection system, LS and ponds			280042	60	\$2,611,663
Bemidji Twp	66	Unsewered, potential SSTS	☒		279887	61	\$350,000
Bertha	27	Rehab mechanical facility			279627	76	\$4,764,000
Bethel	76	Rehab treatment and pond			279835	60	\$190,000
Big Lake Area SD - Fond du Lac	282	Unsewered, collection and treatment			279480	19	\$10,000,000
Bigfork	321	Rehab and expand ponds			279438	1	\$1,551,000
Biscay	20	Unsewered, potential SSTS	☒		279667	79	\$650,405
Biwabik	89	Rehab/expand existing system			272229	58	\$5,364,000
Blackduck	79	Rehab collection and treatment system			279582	60	\$3,174,894
Blue Earth - Phase 4	1	Rehab treatment facility		✓	279439	105	\$550,000
Bovey	145	Rehab collection system			279580	51	\$450,000
Brooklyn Center - Stormwater	309	Construct CDS treatment for TSS			279720	10	\$1,800,000
Browerville - Phase 2	222	Rehab treatment facility			272617	39	\$6,205,600
Browns Valley	46	Rehab collection system and pump station	☒		279873	70	\$6,186,500
Brownsville	239	Rehab treatment facility			279489	34	\$1,210,000
Bruno	322	Unsewered, pressure sewer/sand filter			279440	1	\$2,682,000
Buffalo	254	Rehab collection system			279858	30	\$4,600,000

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2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Buhl	181	Rehab collection system			279550	46	\$1,715,500
Caledonia	50	Rehab collection system and LS			280043	68	\$1,684,452
Carlos Twp	168	Unsewered, potential SSTS	Ⓟ		279815	46	\$0
Cascade Twp - Hallmark Terrace	58	Decommission pond system, connect to Rochester			280054	64	\$500,000
Cass County - Stony Point	115	Unsewered/Potential SSTS	Ⓟ		279845	55	\$1,200,000
Cass Lake	121	Rehab collection and treatment system			279690	55	\$1,824,000
Cedar Mills	266	Remove tanks and wetlands, construct pond			280148	28	\$300,000
Center City	146	Relocate sewer utilities			280052	51	\$130,000
Center City - Stormwater	273	Conveyance and treatment in CBD			279748	23	\$175,000
Centerville - Stormwater	287	Surface and sub-surface infiltration			279713	17	\$817,397
Centerville - Stormwater Downtown	269	Phased storm sewer and reuse			279717	25	\$852,863
Central Iron Range SD	13	WW treatment regionalization			279367	86	\$23,156,496
Chisago County - Rolling Shores	28	Unsewered, potential SSTS	Ⓟ		279841	75	\$0
Chisholm - Sewer rehab	70	Rehab collection system			279567	61	\$907,030
Circle Pines - Stormwater	276	Golden Lake biohaven			279778	22	\$135,730
Clarkfield	148	Rehab/expand existing system			272535	51	\$1,540,000
Clearbrook	229	Rehab collection system			279881	38	\$2,950,000
Climax	154	Rehab collection and treatment			280039	49	\$2,900,000
Clitherall	100	Unsewered, collection/treatment with ponds			279536	57	\$1,818,000
Cokato	255	Expand WWTF			279616	30	\$4,400,000
Comfrey	56	Rehab collection system			279866	66	\$2,746,000
Cottage Grove - Stormwater	292	Pre-treatment pond and infiltration	Ⓟ		279855	15	\$807,200
Cotton Twp	317	Unsewered, collection and treatment			279441	5	\$649,639
Cottonwood	226	Rehab lift station and collection system			279749	38	\$407,700
Crane Lake - Eastern Service Area	298	Unsewered, extend collection system			272618	15	\$3,860,000
Cromwell	99	Rehab existing mound system			279442	58	\$350,000
Cuyuna	64	Rehab collection			280053	63	\$1,975,000
Dakota	53	Unsewered, joint trmt with Dresbach	Ⓟ	✓	279642	67	\$5,250,000
Dalton	82	Rehab collection system			279750	60	\$0
Darwin	133	Rehab collection treatment system			279562	53	\$2,814,375
Dassel	214	Replace lift station			279751	40	\$220,000
Dawson	51	Rehab collection system			279752	68	\$5,200,000
Deer Creek	231	Replace lift station			279830	38	\$170,000
Deer River	202	Rehab/expand existing system; I/I work			272596	43	\$1,500,000
Deerwood	228	Rehab collection system, lift station			279632	38	\$150,000
Detroit Lakes	116	Replace lift station			279739	55	\$155,000
Dilworth	323	Sewer rehab			272607	1	\$975,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Dover-Eyota-St.Charles Phase 2	136	Rehab/expand system			272099	52	\$1,627,313
Dresbach Twp	165	Unsewered, joint trmt with Dakota	Ⓟ	✓	279753	47	\$2,677,500
Duluth - CIPP	6	Rehab collection/CIPP			279824	91	\$4,890,743
Duluth - LS 45	7	Eliminate overflows, increase pumping capacity			279829	91	\$3,000,000
Duluth - Riverside	8	Rehab collection system			279828	91	\$2,103,660
Dundee	10	Unsewered, collection and treatment	Ⓟ	✓	279551	90	\$3,458,179
Eagan - Stormwater	291	Fish Lake alum station, sediment basin			279754	15	\$198,000
East Grand Forks - Phase 2	108	Connect to Grand Forks, decommission ponds			279499	56	\$9,705,000
Easton	73	Rehab collection system			279652	61	\$529,888
Elba	324	Unsewered, collection and treatment			272425	1	\$0
Elbow Lake - Division Street	92	Sewer rehab			279446	58	\$175,000
Elbow Lake - East Side	131	Rehab collection system			279871	53	\$1,826,000
Ellendale	33	Rehab and expand sewer system			279447	73	\$960,000
Ellsworth	325	Rehab collection system			279448	1	\$563,000
Elmore	24	Rehab collection system and pond		✓	279671	78	\$5,158,000
Ely	88	Rehab collection system			279370	58	\$2,106,750
Emily	312	Unsewered, connect to WWTF			279882	8	\$1,980,000
Erskine	81	Rehab collection and treatment systems			279755	60	\$410,000
Evansville	114	Rehab collection system			279756	56	\$2,202,175
Faribault County - Guckeen	12	Unsewered, connect to Blue Earth		✓	279316	86	\$1,065,000
Federal Dam	241	Rehab collection system			272280	34	\$0
Felton	98	Rehab collection system and pond			279836	58	\$1,900,000
Floodwood	234	Rehab collection system			279832	37	\$275,000
Forest Lake - Stormwater	303	Construct filtration BMPs			279708	11	\$209,181
Fosston	31	Add primary pond, other improvements			279757	73	\$7,491,066
Foxhome	184	Unsewered, potential SSTS	Ⓟ		279617	45	\$750,000
French Twp - Wall Street	253	Unsewered, potential SSTS	Ⓟ		279638	30	\$535,000
Gaylord - Unsewered	326	Unsewered, extend collection system			272448	1	\$0
Gaylord - WWTP Improvements	327	Rehab/expand existing system			272447	1	\$0
Gem Lake - Stormwater	297	South Scheuneman Road improvements			279759	15	\$140,000
Gonvick	163	Rehab/expand existing system			271210	48	\$2,100,000
Gonvick	207	Unsewered, potential SSTS	Ⓟ		279885	42	\$0
Graceville	93	Rehab collection system, pond improvements			279863	58	\$5,734,800
Grand Lake Twp - Caribou Lake	125	Unsewered, collection and treatment	Ⓟ		279366	53	\$1,450,000
Grand Marais	208	Rehab collection system			272477	42	\$645,500
Grand Rapids	186	Phase II secondary treatment project	Ⓟ		279861	45	\$22,087,000
Grand Rapids - Annex Area 3	328	Unsewered, connect to WWTF			279511	1	\$425,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Grand Rapids - Golf Course Road	316	Unsewered, connect to WWTF			279451	5	\$2,352,134
Granite Falls - Phase 2	191	Rehab/expand existing system			272197	44	\$1,580,000
Grasston	240	Rehab ponds and collection system			279879	34	\$2,241,000
Greenbush	203	Rehab collection system			279371	43	\$282,968
Grove City	182	New mechanical treatment facility			279549	46	\$3,580,000
Hackensack - Stormwater	299	East side of Hwy 371			279760	13	\$155,000
Ham Lake	103	Unsewered, potential SSTS	Ⓟ		279654	56	\$2,000,000
Ham Lake - Stormwater	318	Hiawatha Beach/Comfort Resort Area			279820	1	\$462,000
Hamburg	230	Regionalize - Norwood/Young America			279452	38	\$2,933,000
Hamburg - Rehab	94	Rehab collection system			279628	58	\$290,242
Hampton	289	Rehab/expand existing system			272532	16	\$0
Hanley Falls	200	Rehab collection system			279761	43	\$681,000
Hartland	233	Rehab existing system			279779	38	\$339,226
Hastings - Stormwater	135	Three rivers infiltration pond diversion		✓	279762	52	\$145,412
Hawley - Phase 3	87	Rehab collection system			279763	59	\$716,000
Hayward	45	Rehab pond, advanced treatment			279857	70	\$152,000
Hazel Run	4	Unsewered, potential SSTS	Ⓟ	✓	279649	92	\$1,200,000
Hector	104	Rehab collection and treatment system			279785	56	\$4,820,000
Hector - Stormwater	305	Sediment ponds			279786	11	\$2,072,200
Henning	120	Rehab collection system			272626	55	\$2,038,000
Hibbing	90	Ph 2, rehab secondary/tertiary/pump station		✓	279668	58	\$7,500,000
Hibbing - Stormwater	294	Replace conveyance system, add pond.			280051	15	\$4,092,000
Hitterdal	274	Rehab/expand ponds, extend sewer			272595	23	\$825,500
Hopkins-LS #1 Abandonment	67	Abandon LS, install new collection			279694	61	\$286,185
Hopkins-LS #4	209	Rehab collection system and LS			279693	41	\$156,652
Howard Lake	155	Rehab collection system, Phase 2			279880	49	\$7,625,500
Hutchinson	197	Expand treatment plant		✓	279688	43	\$613,800
Iron Junction - Unsewered	315	Unsewered, connect to WWTF			279574	7	\$953,660
Jackson	61	Rehab collection system			279842	63	\$3,361,000
Jackson - unsewered	38	Unsewered, connect to WWTF			279859	71	\$1,458,782
Jenkins	329	Unsewered			279458	1	\$0
Kabetogama Twp - Puck's Point	124	Woodland spray irrigation/subsurface disposal	Ⓟ		279610	53	\$1,490,000
Kandiyohi County - Henderson, George and Nes	278	Unsewered, connect to Green Lake SD			279506	21	\$2,100,000
Kasson	36	Rehab treatment system			279706	72	\$1,107,904
Kelliher	232	Rehab collection system			279876	38	\$1,645,000
Kenyon	138	Rehab collection and treatment system			280045	52	\$950,000
Kimball	217	Rehab/expand existing system			272594	40	\$530,700

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Kimball - Sanitary Sewer Line Replacement	216	Rehab collection system			279764	40	\$818,985
Kingston	330	Unsewered, replace SSTS	Ⓟ		279532	1	\$0
Koochiching County - Island View Voyageurs	251	Unsewered, connect to NKSSD			279707	30	\$15,600,000
La Crescent	244	Rehab/expand existing system			272324	33	\$796,200
La Crescent Twp	257	Unsewered, potential SSTS			279641	29	\$0
Lafayette	72	Rehab collection system			279607	61	\$3,045,000
Lake County - Larsmont	263	Unsewered, connect to WLSSD	Ⓟ		272438	28	\$975,000
Lake of the Woods Co. - Wheelers Point	65	Unsewered, potential SSTS	Ⓟ		279475	61	\$7,004,000
Lake Park	71	Rehab collection system			279765	61	\$2,783,000
Lake Twp - Lakewood MPH	331	Unsewered, collection and treatment			279598	1	\$1,958,495
Lake Twp - Warroad Estates/Northern Lights Mf	332	Unsewered, collection and treatment			279604	1	\$3,775,579
Lake View Twp - N. Lake Sallie	243	Unsewered, potential SSTS	Ⓟ		279646	33	\$0
Lake View Twp - S. Lake Melissa	259	Unsewered, potential SSTS	Ⓟ		279847	29	\$0
Lake View Twp - Shoreham Village	249	Unsewered, potential SSTS	Ⓟ		279846	31	\$0
Lake View Twp - W. Lake Melissa	219	Soil-based cluster system.			280061	39	\$750,000
Lake Washington Sanitary District	275	Unsewered tri-lakes area, connect to Mankato			279766	22	\$9,246,400
Lakefield	2	Rehab collection and treatment	Ⓟ	✓	279869	93	\$11,000,000
Laketown Twp	143	Rehab existing collection system			279870	51	\$370,000
Lamberton	62	Rehab collection system			279865	63	\$2,396,000
Lansing Twp	39	Unswrd area/connect to Lansing WWTP		✓	279844	71	\$647,064
Lansing Twp 2	310	Expand treatment WWTF			279600	9	\$0
Laporte	281	Rehab/expand collection and trmt			279573	20	\$250,000
Laporte - Unsewered	290	Unsewered, connect to WWTF			279578	15	\$100,000
Le Center	111	Rehab collection system			279784	56	\$7,541,000
Le Roy	223	Rehab collection system			279834	39	\$521,000
Leaf Valley Twp - Northwest	156	Unsewered, potential SSTS	Ⓟ		279816	48	\$0
Leonard	252	Unsewered, potential SSTS	Ⓟ		279586	30	\$0
Lewiston	22	Rehab/expand existing system			279379	78	\$1,104,000
Lindstrom - Mentzer / Melody	288	Unsewered, connect to CLJSD			279745	16	\$340,000
Lindstrom - Sewer Lining	236	Rehab collection system			279743	36	\$65,000
Long Prairie	139	Expand WWTF	Ⓟ	✓	279856	52	\$5,061,000
Longville	247	Rehab collection system			279872	33	\$530,000
Loretto	35	Regionalization		✓	279890	73	\$1,262,500
Louisburg	167	Unsewered, potential SSTS	Ⓟ		279650	47	\$561,000
Lucan	333	Rehab/expand existing system			272586	1	\$600,000
Mabel	113	Rehab collection system			280048	56	\$0
Madison Lake - Stormwater	296	SW Treatment			280050	15	\$0

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Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Mahnomen	158	Rehab collection and treatment system			279684	48	\$420,000
Marine on St. Croix	334	Rehab collection system			279686	1	\$0
Maynard	47	Rehab collection system			280038	68	\$2,042,180
Mazeppa	221	Rehab/expand existing system			279509	39	\$477,840
MCES 1-MN-310/320	140	Interceptor improvements			279768	51	\$99,950,000
MCES Blue Lake Int. System Improvements	173	Interceptor improvements			279356	46	\$122,550,000
MCES Blue Lake Plant Improvements	107	Treatment plant improvements			279341	56	\$80,600,000
MCES Elm Creek	172	Interceptor improvements			272146	46	\$9,000,000
MCES Golden Valley Area Imp	142	Interceptor improvements			279770	51	\$29,850,000
MCES Hastings WWTP	258	Treatment improvements			272630	29	\$59,340,000
MCES Hopkins System Improvements	170	Interceptor improvements			272493	46	\$62,500,000
MCES Lift stations L7,L13,L30,L35,L66	185	Lift station improvements			279769	45	\$31,700,000
MCES MWWTP Rehab & Facilities Imp	169	Treatment improvements	☐		279435	46	\$81,150,000
MCES MWWTP Solids Processing Improvemen	178	Treatment improvements			272355	46	\$14,795,000
MCES NE Interceptor Improvements	141	Interceptor improvements			279343	51	\$3,100,000
MCES So. St. Paul Forcemain	174	Interceptor improvements			279386	46	\$15,725,000
McIntosh	147	Rehab collection and treatment system			279682	51	\$1,160,000
Meadowlands	335	Rehab existing system			279387	1	\$0
Menahga	132	Rehab/expand existing system			272632	53	\$1,462,480
Menahga - Unsewered	300	Unsewered			279601	12	\$0
Mentor	211	Unsewered, collection and treatment			272592	40	\$1,847,053
Middle Fork Crow River WD - Stormwater	311	Green Lake bio-retention			279819	9	\$780,000
Miltona	97	Rehab/expand collection and treatment system		✓	279852	58	\$2,536,000
Miltona Twp - South East	85	Unsewered, potential SSTs	☐		279817	59	\$0
Minneapolis - Flow Meter	40	Plan/design meter improvements			279821	71	\$900,000
Minneapolis - Inflow Disconnect	41	Inflow disconnect from storm sewer			279726	71	\$6,600,000
Minneapolis - MN320	42	Plan/design collection rehab			279729	71	\$750,000
Minneapolis - Sewer Separation	43	CSO projects			279725	71	\$4,000,000
Minneapolis - Stormwater	127	37th Ave. Greenway	☐	✓	279780	53	\$1,739,970
Minneapolis - War Department Tunnel	171	Plan/design collection rehab			279728	46	\$550,000
Minnesota City	54	Unsewered, recir sand filter, NPDES discharge	☐	✓	279648	67	\$3,226,812
MInnetrista Collection System - Wastewater	176	Rehab collection system, CIPP			280044	46	\$711,000
Moe Twp - Lobster Lake	164	Unsewered, potential SSTs	☐		279738	47	\$0
Monticello	210	Rehab existing facility			279702	41	\$4,581,500
Moose Lake - Phase 2	18	Expand collection and treatment system			279577	81	\$4,682,889
Mora	261	Rehab existing clarifiers			279631	29	\$4,191,680
Morgan	19	Rehab collection and treatment system			279771	81	\$6,215,000

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2012 Project Priority List**

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Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Morgan - Stormwater	279	County ditch and pond			279781	21	\$8,338,900
Morton	122	Rehab collection and trmt systems			279772	54	\$4,439,000
Mountain Lake	15	New WWTF and rehab collection system	Ⓟ	✓	279868	83	\$13,825,000
Murdock	180	Expand treatment, add pond			279679	46	\$400,000
Myrtle	11	Unsewered, collection and treatment		✓	279322	90	\$2,014,000
Nashwauk	199	Expand existing system			272537	43	\$2,759,150
Nashwauk - Phase 2	265	Rehab collection system			279553	28	\$1,243,275
New Germany	204	Replace pond with mechical treatment			279651	43	\$4,100,000
New Richland	112	Rehab WWTF and lift station		✓	279831	56	\$2,450,000
Newport	267	Rehab collection system			279656	26	\$950,000
Newport - Stormwater	285	N. ravine stabilization/nutrient removal			279657	18	\$1,550,000
Nielsville	336	Rehab collection system and pond			279416	1	\$0
Nisswa	190	Rehab/expand ponds, add subsurface discharge			279535	45	\$2,872,795
North Koochiching SD	55	Rehab WWTF		✓	279837	66	\$12,079,000
North Long Lake Sewer District	14	Rehab existing facility			279878	85	\$830,000
Northern Twp - Birchmont Beach	224	Unsewered, potential SSTs	Ⓟ		279889	39	\$925,000
Northern Twp - Birchmont Court	218	Unsewered, potential SSTs	Ⓟ		279888	39	\$950,000
Northern Twp - Lavinia	235	Unsewered, potential SSTs	Ⓟ		279886	36	\$1,650,000
Northome	206	Rehab collection and treatment system			279592	43	\$4,975,000
Northrop	25	Rehab collection system and pond	Ⓟ	✓	280047	78	\$2,695,300
Ogilvie	152	Rehab collection system			279676	49	\$100,000
Olivia	110	Rehab collection and treatment systems			279776	56	\$9,845,636
Oronoco	126	Unsewered, potential SSTs	Ⓟ	✓	279777	53	\$2,400,000
Oronoco Twp - King's Park	29	Unsewered area, potential SSTs	Ⓟ	✓	280058	75	\$0
Ortonville	57	Rehab collection system			279787	65	\$850,000
Ortonville - McCloud Street	117	Rehab collection system			279636	55	\$350,000
Osakis	225	Rehab/expand existing system			279500	38	\$5,782,500
Oslo	250	Rehab collection system and pond			272412	31	\$575,000
Ottertail	337	Unsewered			272311	1	\$3,760,000
Palisade	314	Rehab collection, expand treatment			279467	8	\$830,000
Park Rapids	212	Rehab collection system			279788	40	\$510,000
Parkers Prairie	338	Rehab collection system, expand treatment			279389	1	\$644,000
Paynesville	187	Rehab w/conversion to activated sludge			279818	45	\$8,280,000
Pelican Group of Lakes Improvement District	339	Unsewered, collection and treatment			272581	1	\$16,949,850
Pelican Rapids	63	Rehab collection system			279468	63	\$3,166,000
Pequot Lakes - Alley	215	Rehab collection system			279789	40	\$350,000
Pequot Lakes - Existing area	213	Rehab collection system			279521	40	\$4,000,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
Perham	188	Expand WWTF			279791	45	\$4,842,000
Perham - Sewer Rehab	189	Rehab collection system			279790	45	\$337,745
Pope County - Clearwater Bay	86	Unsewered, potential SSTs			280060	59	\$732,434
Pope County - Lk Minnewaska/Lk Pelican	340	Unsewered, collection and treatment			272573	1	\$15,250,000
Quamba	256	Unsewered, connect to Mora			272636	29	\$2,902,000
Racine	341	Rehab/expand existing system			272608	1	\$520,000
Randolph	342	Unsewered, collection and treatment			272584	1	\$3,715,600
Raymond	49	Rehab collection and treatment system		✓	280049	68	\$0
Red Wing	270	Construct regional bio-solids facility			279792	24	\$9,000,000
Red Wing - Phase 2	59	Rehab main facility and biosolids		✓	273002	64	\$1,558,000
Red Wing - Phase 3	60	Bench Street pretreatment facility		✓	279626	64	\$2,600,000
Rice - Stormwater	295	Core residential area			279793	15	\$446,000
Rice County - Roberds Lake	75	Unsewered, connect to Faribault		✓	280059	60	\$3,300,000
Rice Creek WD - Stormwater	308	Locke Lake sediment basin			279730	11	\$750,000
Richmond	242	Rehab collection system			279612	34	\$573,000
Rose Creek	262	Rehab collection system			279554	29	\$621,925
Roseland Twp	21	Unsewered, collection and treatment		✓	279589	78	\$1,987,000
Rothsay	149	Rehab collection system			279795	51	\$2,743,000
Royalton - Stormwater	280	East side Hwy 10			279796	20	\$375,000
Rush City	91	Rehab collection system			279849	58	\$863,688
Rush City	277	Expand existing system			279519	22	\$0
Rutledge	343	Unsewered, collection and treatment			272569	1	\$1,292,000
RWMWD - Stormwater	128	Maplewood Mall infiltration Phase 4	☞	✓	279709	53	\$2,500,000
RWMWD - Stormwater 15th Ave E	137	Green streets project	☞	✓	279711	52	\$1,000,000
RWMWD - Stormwater Hwys 36 & 61	272	Improved stormwater management	☞		279710	23	\$1,340,000
Sacred Heart	44	Rehab collection system			279877	71	\$3,143,000
Sandstone	129	Expand existing system			279518	53	\$15,956,000
Sebeka	246	Rehab collection system			279644	33	\$600,000
Shafer	307	Expand WWTF, advanced treatment			279471	11	\$1,865,600
Shevlin	284	Unsewered, potential SSTs			279584	18	\$0
Shoreview - Stormwater	301	Woodbridge Street road recon			279721	12	\$1,440,400
Silver Creek Twp - Castle Danger 2	320	Unsewered, connect to WWTF			279408	1	\$3,600,000
Silver Creek Twp - Stewart River	123	Unsewered, collection and trmt	☞		272439	53	\$3,457,180
Solway	283	Unsewered, potential SSTs			279585	18	\$0
South Bend Twp	264	Unsewered, connect to Mankato			279797	28	\$3,556,000
St. Cloud - Interceptor	144	Rehab interceptor sewer			279697	51	\$7,500,000
St. Francis	344	New Eastside WWTF, rehab westside WWTF			279525	1	\$10,500,000

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2012 Project Priority List**

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Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
St. Martin	162	Rehab/expand existing system			279502	48	\$1,110,700
St. Paul - Stormwater	286	College Park infiltration project	Ⓜ		279715	17	\$1,300,000
St. Stephen	345	Unsewered, collection and treatment			272552	1	\$9,518,000
Staples	268	Rehab collection system			279798	26	\$523,000
Staples - Northwest Area	177	Rehab/extend collection system			279398	46	\$1,890,000
Staples - Stormwater Northwest Area	346	Stormwater - Northwest Area			279522	1	\$0
Starbuck	52	Expand treatment system, advanced treatment		✓	279515	68	\$1,583,975
Steele County - Bixby	16	Unsewered, collection and treatment	Ⓜ	✓	279568	82	\$1,098,545
Stephen	227	Rehab/expand existing system			272496	38	\$1,250,000
Stewart	101	Rehab collection system			279867	57	\$4,893,280
Stewartville	150	Lift station, EQ basin, advanced treatment			279681	50	\$819,500
Summit Lake Twp - Reading	347	Unsewered, potential SSTS			280149	1	\$0
Tenney	260	Unsewered, collection and treatment	Ⓜ		279614	29	\$0
Tower - Brietung Wastewater Board	102	Rehab collection and trmt system			272308	57	\$2,327,300
Tower - Hoo-Doo Point	293	Unsewered, connect to WWTP			272639	15	\$627,300
Tower - West T.H. 169	319	Unsewered, connect to WWTF			279409	1	\$787,000
Tracy	48	Rehab/expand existing system			279575	68	\$5,209,000
Trimont	3	Rehab collection and treatment systems		✓	279800	93	\$6,142,100
Trosky	30	Unsewered, potential SSTS	Ⓜ	✓	279723	73	\$0
Two Harbors	37	Tertiary treatment addition for mercury removal.		✓	280046	72	\$2,000,000
Ulen	95	Rehab collection system			279838	58	\$1,640,000
Vernon Center	153	Rehab collection system			279640	49	\$1,300,000
Villard Area Lakes SD	134	Unsewered, collection and treatment		✓	279603	52	\$8,907,000
Virginia	9	Rehab treatment system, advanced treatment		✓	279801	91	\$18,698,363
Wadena	109	Rehab collection and treatment system			279826	56	\$8,638,779
Wadena - Stormwater	304	Stormwater infiltration	Ⓜ		279827	11	\$1,166,000
Waldorf	68	Rehab collection system			279619	61	\$1,312,000
Walker	119	Rehab collection system			279875	55	\$825,000
Walker - Southside	118	Rehab collection system			280057	55	\$1,692,000
Walnut Grove	26	Rehab collection and treatment system		✓	279802	76	\$5,829,000
Warba	205	Rehab collection, ponds, advanced treatment		✓	279622	43	\$2,278,000
Warren	130	Rehab collection system, Phase 2			279803	53	\$850,000
Warroad	201	Rehab/expand existing system			272473	43	\$4,277,313
Waseca - Stormwater	302	Pipe and channel diversion to natural wetland			279703	11	\$500,000
Watertown	198	Rehab/expand existing system			279514	43	\$9,400,000
Waterville	159	Rehab system, LS and sewer extension			279804	48	\$2,160,000
Welcome	34	Rehabilitation of existing plant		✓	279806	73	\$809,389

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2012 Project Priority List**

Alphabetical

Project Name	Rank	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
West St. Paul - Stormwater	271	Thompson Lake improvements			279716	23	\$1,516,000
Westbrook	348	Rehab/expand existing system			272529	1	\$0
Whalan	349	Unsewered, collection and treatment			272605	1	\$1,012,550
Wheaton	32	Rehab collection system - Phase 3			279822	73	\$2,400,000
White Bear Twp	238	Rehab collection system			279699	35	\$1,107,000
White Twp - Gardendale Utility Improv. Proj	23	Rehab collection system			279808	78	\$316,800
Willmar - Eagle Lake	69	Rehab Lakeland Drive interceptor, LS			279810	61	\$3,125,380
Willmar - Western	179	Construct western collector system			279811	46	\$4,973,109
Winsted	245	Advanced treatment, LS improvements			279864	33	\$5,050,000
WLSSD - Interceptor Improvements	5	Rehab interceptors			279633	91	\$25,489,000
WLSSD - Pump Station Improvements	106	Rehab pump stations			279663	56	\$28,113,000
WLSSD - Treatment Plant Improvements	105	Rehab treatment system			279659	56	\$31,533,960
Wrenshall	17	Rehab Pioneer Drive			279812	81	\$90,000
Wright	166	Unsewered, collection and treatment			272582	47	\$1,600,000
Wykoff	237	Rehab existing facility	☐		279839	36	\$1,630,000
York Twp - Greenleafon	78	Unsewered, potential SSTs	☐	✓	279833	60	\$0
Total							\$1,513,287,887

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
1	Blue Earth - Phase 4	Rehab treatment facility		✓	279439	105	\$550,000
2	Lakefield	Rehab collection and treatment	R	✓	279869	93	\$11,000,000
3	Trimont	Rehab collection and treatment systems		✓	279800	93	\$6,142,100
4	Hazel Run	Unsewered, potential SSTS	R	✓	279649	92	\$1,200,000
5	WLSSD - Interceptor Improvements	Rehab interceptors			279633	91	\$25,489,000
6	Duluth - CIPP	Rehab collection/CIPP			279824	91	\$4,890,743
7	Duluth - LS 45	Eliminate overflows, increase pumping capacity			279829	91	\$3,000,000
8	Duluth - Riverside	Rehab collection system			279828	91	\$2,103,660
9	Virginia	Rehab treatment system, advanced treatment		✓	279801	91	\$18,698,363
10	Dundee	Unsewered, collection and treatment	R	✓	279551	90	\$3,458,179
11	Myrtle	Unsewered, collection and treatment		✓	279322	90	\$2,014,000
12	Faribault County - Guckeen	Unsewered, connect to Blue Earth		✓	279316	86	\$1,065,000
13	Central Iron Range SD	WW treatment regionalization			279367	86	\$23,156,496
14	North Long Lake Sewer District	Rehab existing facility			279878	85	\$830,000
15	Mountain Lake	New WWTF and rehab collection system	R	✓	279868	83	\$13,825,000
16	Steele County - Bixby	Unsewered, collection and treatment	R	✓	279568	82	\$1,098,545
17	Wrenshall	Rehab Pioneer Drive			279812	81	\$90,000
18	Moose Lake - Phase 2	Expand collection and treatment system			279577	81	\$4,682,889
19	Morgan	Rehab collection and treatment system			279771	81	\$6,215,000
20	Biscay	Unsewered, potential SSTS	R		279667	79	\$650,405
21	Roseland Twp	Unsewered, collection and treatment		✓	279589	78	\$1,987,000
22	Lewiston	Rehab/expand existing system			279379	78	\$1,104,000
23	White Twp - Gardendale Utility Improv. Proj	Rehab collection system			279808	78	\$316,800
24	Elmore	Rehab collection system and pond		✓	279671	78	\$5,158,000
25	Northrop	Rehab collection system and pond	R	✓	280047	78	\$2,695,300
26	Walnut Grove	Rehab collection and treatment system		✓	279802	76	\$5,829,000
27	Bertha	Rehab mechanical facility			279627	76	\$4,764,000
28	Chisago County - Rolling Shores	Unsewered, potential SSTS	R		279841	75	\$0
29	Oronoco Twp - King's Park	Unsewered area, potential SSTS	R	✓	280058	75	\$0
30	Trosky	Unsewered, potential SSTS	R	✓	279723	73	\$0
31	Fosston	Add primary pond, other improvements			279757	73	\$7,491,066
32	Wheaton	Rehab collection system - Phase 3			279822	73	\$2,400,000
33	Ellendale	Rehab and expand sewer system			279447	73	\$960,000
34	Welcome	Rehabilitation of existing plant		✓	279806	73	\$809,389
35	Loretto	Regionalization		✓	279890	73	\$1,262,500
36	Kasson	Rehab treatment system			279706	72	\$1,107,904

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
37	Two Harbors	Tertiary treatment addition for mercury removal.		✓	280046	72	\$2,000,000
38	Jackson - unsewered	Unsewered, connect to WWTF			279859	71	\$1,458,782
39	Lansing Twp	Unswrd area/connect to Lansing WWTP		✓	279844	71	\$647,064
40	Minneapolis - Flow Meter	Plan/design meter improvements			279821	71	\$900,000
41	Minneapolis - Inflow Disconnect	Inflow disconnect from storm sewer			279726	71	\$6,600,000
42	Minneapolis - MN320	Plan/design collection rehab			279729	71	\$750,000
43	Minneapolis - Sewer Separation	CSO projects			279725	71	\$4,000,000
44	Sacred Heart	Rehab collection system			279877	71	\$3,143,000
45	Hayward	Rehab pond, advanced treatment			279857	70	\$152,000
46	Browns Valley	Rehab collection system and pump station	R		279873	70	\$6,186,500
47	Maynard	Rehab collection system			280038	68	\$2,042,180
48	Tracy	Rehab/expand existing system			279575	68	\$5,209,000
49	Raymond	Rehab collection and treatment system		✓	280049	68	\$0
50	Caledonia	Rehab collection system and LS			280043	68	\$1,684,452
51	Dawson	Rehab collection system			279752	68	\$5,200,000
52	Starbuck	Expand treatment system, advanced treatment		✓	279515	68	\$1,583,975
53	Dakota	Unsewered, joint trmt with Dresbach	R	✓	279642	67	\$5,250,000
54	Minnesota City	Unsewered, recir sand filter, NPDES discharge	R	✓	279648	67	\$3,226,812
55	North Koochiching SD	Rehab WWTF		✓	279837	66	\$12,079,000
56	Comfrey	Rehab collection system			279866	66	\$2,746,000
57	Ortonville	Rehab collection system			279787	65	\$850,000
58	Cascade Twp - Hallmark Terrace	Decommission pond system, connect to Rochester			280054	64	\$500,000
59	Red Wing - Phase 2	Rehab main facility and biosolids		✓	273002	64	\$1,558,000
60	Red Wing - Phase 3	Bench Street pretreatment facility		✓	279626	64	\$2,600,000
61	Jackson	Rehab collection system			279842	63	\$3,361,000
62	Lamberton	Rehab collection system			279865	63	\$2,396,000
63	Pelican Rapids	Rehab collection system			279468	63	\$3,166,000
64	Cuyuna	Rehab collection			280053	63	\$1,975,000
65	Lake of the Woods Co. - Wheelers Point	Unsewered, potential SSTs	R		279475	61	\$7,004,000
66	Bemidji Twp	Unsewered, potential SSTs	R		279887	61	\$350,000
67	Hopkins-LS #1 Abandonment	Abandon LS, install new collection			279694	61	\$286,185
68	Waldorf	Rehab collection system			279619	61	\$1,312,000
69	Willmar - Eagle Lake	Rehab Lakeland Drive interceptor, LS			279810	61	\$3,125,380
70	Chisholm - Sewer rehab	Rehab collection system			279567	61	\$907,030
71	Lake Park	Rehab collection system			279765	61	\$2,783,000
72	Lafayette	Rehab collection system			279607	61	\$3,045,000

**Appendix 3: Clean Water Revolving Fund
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Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
73	Easton	Rehab collection system			279652	61	\$529,888
74	Barry	Unsewered, potential SSTS	R		279565	60	\$135,000
75	Rice County - Roberds Lake	Unsewered, connect to Faribault		✓	280059	60	\$3,300,000
76	Bethel	Rehab treatment and pond			279835	60	\$190,000
77	Backus	Connection to Pine River			279602	60	\$3,200,000
78	York Twp - Greenleafon	Unsewered, potential SSTS	R	✓	279833	60	\$0
79	Blackduck	Rehab collection and treatment system			279582	60	\$3,174,894
80	Belgrade	Rehab collection system, LS and ponds			280042	60	\$2,611,663
81	Erskine	Rehab collection and treatment systems			279755	60	\$410,000
82	Dalton	Rehab collection system			279750	60	\$0
83	Askov	New treatment plant			272613	59	\$4,600,000
84	Albert Lea - Stables Area	Unsewered, connect to Albert Lea			279701	59	\$5,400,000
85	Milona Twp - South East	Unsewered, potential SSTS	R		279817	59	\$0
86	Pope County - Clearwater Bay	Unsewered, potential SSTS			280060	59	\$732,434
87	Hawley - Phase 3	Rehab collection system			279763	59	\$716,000
88	Ely	Rehab collection system			279370	58	\$2,106,750
89	Biwabik	Rehab/expand existing system			272229	58	\$5,364,000
90	Hibbing	Ph 2, rehab secondary/tertiary/pump station		✓	279668	58	\$7,500,000
91	Rush City	Rehab collection system			279849	58	\$863,688
92	Elbow Lake - Division Street	Sewer rehab			279446	58	\$175,000
93	Graceville	Rehab collection system, pond improvements			279863	58	\$5,734,800
94	Hamburg - Rehab	Rehab collection system			279628	58	\$290,242
95	Ulen	Rehab collection system			279838	58	\$1,640,000
96	Ashby	Rehab collection system			279741	58	\$1,490,000
97	Milona	Rehab/expand collection and treatment system		✓	279852	58	\$2,536,000
98	Felton	Rehab collection system and pond			279836	58	\$1,900,000
99	Cromwell	Rehab existing mound system			279442	58	\$350,000
100	Clitherall	Unsewered, collection/treatment with ponds			279536	57	\$1,818,000
101	Stewart	Rehab collection system			279867	57	\$4,893,280
102	Tower - Brietung Wastewater Board	Rehab collection and trmt system			272308	57	\$2,327,300
103	Ham Lake	Unsewered, potential SSTS	R		279654	56	\$2,000,000
104	Hector	Rehab collection and treatment system			279785	56	\$4,820,000
105	WLSSD - Treatment Plant Improvements	Rehab treatment system			279659	56	\$31,533,960
106	WLSSD - Pump Station Improvements	Rehab pump stations			279663	56	\$28,113,000
107	MCES Blue Lake Plant Improvements	Treatment plant improvements			279341	56	\$80,600,000
108	East Grand Forks - Phase 2	Connect to Grand Forks, decommission ponds			279499	56	\$9,705,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
109	Wadena	Rehab collection and treatment system			279826	56	\$8,638,779
110	Olivia	Rehab collection and treatment systems			279776	56	\$9,845,636
111	Le Center	Rehab collection system			279784	56	\$7,541,000
112	New Richland	Rehab WWTF and lift station		✓	279831	56	\$2,450,000
113	Mabel	Rehab collection system			280048	56	\$0
114	Evansville	Rehab collection system			279756	56	\$2,202,175
115	Cass County - Stony Point	Unsewered/Potential SSTS	R		279845	55	\$1,200,000
116	Detroit Lakes	Replace lift station			279739	55	\$155,000
117	Ortonville - McCloud Street	Rehab collection system			279636	55	\$350,000
118	Walker - Southside	Rehab collection system			280057	55	\$1,692,000
119	Walker	Rehab collection system			279875	55	\$825,000
120	Henning	Rehab collection system			272626	55	\$2,038,000
121	Cass Lake	Rehab collection and treatment system			279690	55	\$1,824,000
122	Morton	Rehab collection and trmt systems			279772	54	\$4,439,000
123	Silver Creek Twp - Stewart River	Unsewered, collection and trmt	R		272439	53	\$3,457,180
124	Kabetogama Twp - Puck's Point	Woodland spray irrigation/subsurface disposal	R		279610	53	\$1,490,000
125	Grand Lake Twp - Caribou Lake	Unsewered, collection and treatment	R		279366	53	\$1,450,000
126	Oronoco	Unsewered, potential SSTS	R	✓	279777	53	\$2,400,000
127	Minneapolis - Stormwater	37th Ave. Greenway	R	✓	279780	53	\$1,739,970
128	RWMWD - Stormwater	Maplewood Mall infiltration Phase 4	R	✓	279709	53	\$2,500,000
129	Sandstone	Expand existing system			279518	53	\$15,956,000
130	Warren	Rehab collection system, Phase 2			279803	53	\$850,000
131	Elbow Lake - East Side	Rehab collection system			279871	53	\$1,826,000
132	Menahga	Rehab/expand existing system			272632	53	\$1,462,480
133	Darwin	Rehab collection treatment system			279562	53	\$2,814,375
134	Villard Area Lakes SD	Unsewered, collection and treatment		✓	279603	52	\$8,907,000
135	Hastings - Stormwater	Three rivers infiltration pond diversion		✓	279762	52	\$145,412
136	Dover-Eyota-St.Charles Phase 2	Rehab/expand system			272099	52	\$1,627,313
137	RWMWD - Stormwater 15th Ave E	Green streets project	R	✓	279711	52	\$1,000,000
138	Kenyon	Rehab collection and treatment system			280045	52	\$950,000
139	Long Prairie	Expand WWTF	R	✓	279856	52	\$5,061,000
140	MCES 1-MN-310/320	Interceptor improvements			279768	51	\$99,950,000
141	MCES NE Interceptor Improvements	Interceptor improvements			279343	51	\$3,100,000
142	MCES Golden Valley Area Imp	Interceptor improvements			279770	51	\$29,850,000
143	Laketown Twp	Rehab existing collection system			279870	51	\$370,000
144	St. Cloud - Interceptor	Rehab interceptor sewer			279697	51	\$7,500,000

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2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
145	Bovey	Rehab collection system			279580	51	\$450,000
146	Center City	Relocate sewer utilities			280052	51	\$130,000
147	McIntosh	Rehab collection and treatment system			279682	51	\$1,160,000
148	Clarkfield	Rehab/expand existing system			272535	51	\$1,540,000
149	Rothsay	Rehab collection system			279795	51	\$2,743,000
150	Stewartville	Lift station, EQ basin, advanced treatment			279681	50	\$819,500
151	Atwater	Sewer rehab			272614	50	\$800,000
152	Ogilvie	Rehab collection system			279676	49	\$100,000
153	Vernon Center	Rehab collection system			279640	49	\$1,300,000
154	Climax	Rehab collection and treatment			280039	49	\$2,900,000
155	Howard Lake	Rehab collection system, Phase 2			279880	49	\$7,625,500
156	Leaf Valley Twp - Northwest	Unsewered, potential SSTS	R		279816	48	\$0
157	Afton	Unsewered, potential SSTS	R		279825	48	\$1,800,000
158	Mahnomen	Rehab collection and treatment system			279684	48	\$420,000
159	Waterville	Rehab system, LS and sewer extension			279804	48	\$2,160,000
160	Barnesville	Rehab collection system			279637	48	\$547,958
161	Bagley	Rehab collection system			280146	48	\$1,861,000
162	St. Martin	Rehab/expand existing system			279502	48	\$1,110,700
163	Gonvick	Rehab/expand existing system			271210	48	\$2,100,000
164	Moe Twp - Lobster Lake	Unsewered, potential SSTS	R		279738	47	\$0
165	Dresbach Twp	Unsewered, joint trmt with Dakota	R	✓	279753	47	\$2,677,500
166	Wright	Unsewered, collection and treatment			272582	47	\$1,600,000
167	Louisburg	Unsewered, potential SSTS	R		279650	47	\$561,000
168	Carlos Twp	Unsewered, potential SSTS	R		279815	46	\$0
169	MCES MWWTP Rehab & Facilities Imp	Treatment improvements	R		279435	46	\$81,150,000
170	MCES Hopkins System Improvements	Interceptor improvements			272493	46	\$62,500,000
171	Minneapolis - War Department Tunnel	Plan/design collection rehab			279728	46	\$550,000
172	MCES Elm Creek	Interceptor improvements			272146	46	\$9,000,000
173	MCES Blue Lake Int. System Improvements	Interceptor improvements			279356	46	\$122,550,000
174	MCES So. St. Paul Forcemain	Interceptor improvements			279386	46	\$15,725,000
175	Austin	Rehab/expand existing system			272409	46	\$3,500,000
176	MInnetrista Collection System - Wastewater	Rehab collection system, CIPP			280044	46	\$711,000
177	Staples - Northwest Area	Rehab/extend collection system			279398	46	\$1,890,000
178	MCES MWWTP Solids Processing Improvemen	Treatment improvements			272355	46	\$14,795,000
179	Willmar - Western	Construct western collector system			279811	46	\$4,973,109
180	Murdock	Expand treatment, add pond			279679	46	\$400,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
181	Buhl	Rehab collection system			279550	46	\$1,715,500
182	Grove City	New mechanical treatment facility			279549	46	\$3,580,000
183	Austin - Woodhaven	Unsewered, connect to Austin		✓	279336	45	\$3,200,000
184	Foxhome	Unsewered, potential SSTS	R		279617	45	\$750,000
185	MCES Lift stations L7,L13,L30,L35,L66	Lift station improvements			279769	45	\$31,700,000
186	Grand Rapids	Phase II secondary treatment project	R		279861	45	\$22,087,000
187	Paynesville	Rehab w/conversion to activated sludge			279818	45	\$8,280,000
188	Perham	Expand WWTF			279791	45	\$4,842,000
189	Perham - Sewer Rehab	Rehab collection system			279790	45	\$337,745
190	Nisswa	Rehab/expand ponds, add subsurface discharge			279535	45	\$2,872,795
191	Granite Falls - Phase 2	Rehab/expand existing system			272197	44	\$1,580,000
192	Aitkin	Rehab collection system			279862	44	\$1,400,000
193	ALASD - AGA Drive	Interceptor improvements			279736	43	\$706,000
194	ALASD - CR82	Interceptor improvements			279735	43	\$1,367,000
195	ALASD - Digester	Additional aroebic digester cell			279733	43	\$2,205,000
196	ALASD - TH29	Interceptor improvements			279734	43	\$1,325,000
197	Hutchinson	Expand treatment plant		✓	279688	43	\$613,800
198	Watertown	Rehab/expand existing system			279514	43	\$9,400,000
199	Nashwauk	Expand existing system			272537	43	\$2,759,150
200	Hanley Falls	Rehab collection system			279761	43	\$681,000
201	Warroad	Rehab/expand existing system			272473	43	\$4,277,313
202	Deer River	Rehab/expand existing system; I/I work			272596	43	\$1,500,000
203	Greenbush	Rehab collection system			279371	43	\$282,968
204	New Germany	Replace pond with mechical treatment			279651	43	\$4,100,000
205	Warba	Rehab collection, ponds, advanced treatment		✓	279622	43	\$2,278,000
206	Northome	Rehab collection and treatment system			279592	43	\$4,975,000
207	Gonvick	Unsewered, potential SSTS	R		279885	42	\$0
208	Grand Marais	Rehab collection system			272477	42	\$645,500
209	Hopkins-LS #4	Rehab collection system and LS			279693	41	\$156,652
210	Monticello	Rehab existing facility			279702	41	\$4,581,500
211	Mentor	Unsewered, collection and treatment			272592	40	\$1,847,053
212	Park Rapids	Rehab collection system			279788	40	\$510,000
213	Pequot Lakes - Existing area	Rehab collection system			279521	40	\$4,000,000
214	Dassel	Replace lift station			279751	40	\$220,000
215	Pequot Lakes - Alley	Rehab collection system			279789	40	\$350,000
216	Kimball - Sanitary Sewer Line Replacement	Rehab collection system			279764	40	\$818,985

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
217	Kimball	Rehab/expand existing system			272594	40	\$530,700
218	Northern Twp - Birchmont Court	Unsewered, potential SSTS	R		279888	39	\$950,000
219	Lake View Twp - W. Lake Melissa	Soil-based cluster system.			280061	39	\$750,000
220	Annandale	Rehab collection system			279850	39	\$1,228,200
221	Mazeppa	Rehab/expand existing system			279509	39	\$477,840
222	Browerville - Phase 2	Rehab treatment facility			272617	39	\$6,205,600
223	Le Roy	Rehab collection system			279834	39	\$521,000
224	Northern Twp - Birchmont Beach	Unsewered, potential SSTS	R		279889	39	\$925,000
225	Osakis	Rehab/expand existing system			279500	38	\$5,782,500
226	Cottonwood	Rehab lift station and collection system			279749	38	\$407,700
227	Stephen	Rehab/expand existing system			272496	38	\$1,250,000
228	Deerwood	Rehab collection system, lift station			279632	38	\$150,000
229	Clearbrook	Rehab collection system			279881	38	\$2,950,000
230	Hamburg	Regionalize - Norwood/Young America			279452	38	\$2,933,000
231	Deer Creek	Replace lift station			279830	38	\$170,000
232	Kelliher	Rehab collection system			279876	38	\$1,645,000
233	Hartland	Rehab existing system			279779	38	\$339,226
234	Floodwood	Rehab collection system			279832	37	\$275,000
235	Northern Twp - Lavinia	Unsewered, potential SSTS	R		279886	36	\$1,650,000
236	Lindstrom - Sewer Lining	Rehab collection system			279743	36	\$65,000
237	Wykoff	Rehab existing facility	R		279839	36	\$1,630,000
238	White Bear Twp	Rehab collection system			279699	35	\$1,107,000
239	Brownsville	Rehab treatment facility			279489	34	\$1,210,000
240	Grasston	Rehab ponds and collection system			279879	34	\$2,241,000
241	Federal Dam	Rehab collection system			272280	34	\$0
242	Richmond	Rehab collection system			279612	34	\$573,000
243	Lake View Twp - N. Lake Sallie	Unsewered, potential SSTS	R		279646	33	\$0
244	La Crescent	Rehab/expand existing system			272324	33	\$796,200
245	Winsted	Advanced treatment, LS improvements			279864	33	\$5,050,000
246	Sebeka	Rehab collection system			279644	33	\$600,000
247	Longville	Rehab collection system			279872	33	\$530,000
248	Amador Twp - Almelund SSD	Unsewered, potential SSTS	R		279508	32	\$2,745,717
249	Lake View Twp - Shoreham Village	Unsewered, potential SSTS	R		279846	31	\$0
250	Oslo	Rehab collection system and pond			272412	31	\$575,000
251	Koochiching County - Island View Voyageurs	Unsewered, connect to NKSSD			279707	30	\$15,600,000
252	Leonard	Unsewered, potential SSTS	R		279586	30	\$0

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
253	French Twp - Wall Street	Unsewered, potential SSTS	R		279638	30	\$535,000
254	Buffalo	Rehab collection system			279858	30	\$4,600,000
255	Cokato	Expand WWTF			279616	30	\$4,400,000
256	Quamba	Unsewered, connect to Mora			272636	29	\$2,902,000
257	La Crescent Twp	Unsewered, potential SSTS			279641	29	\$0
258	MCES Hastings WWTP	Treatment improvements			272630	29	\$59,340,000
259	Lake View Twp - S. Lake Melissa	Unsewered, potential SSTS	R		279847	29	\$0
260	Tenney	Unsewered, collection and treatment	R		279614	29	\$0
261	Mora	Rehab existing clarifiers			279631	29	\$4,191,680
262	Rose Creek	Rehab collection system			279554	29	\$621,925
263	Lake County - Larsmont	Unsewered, connect to WLSSD	R		272438	28	\$975,000
264	South Bend Twp	Unsewered, connect to Mankato			279797	28	\$3,556,000
265	Nashwauk - Phase 2	Rehab collection system			279553	28	\$1,243,275
266	Cedar Mills	Remove tanks and wetlands, construct pond			280148	28	\$300,000
267	Newport	Rehab collection system			279656	26	\$950,000
268	Staples	Rehab collection system			279798	26	\$523,000
269	Centerville - Stormwater Downtown	Phased storm sewer and reuse			279717	25	\$852,863
270	Red Wing	Construct regional bio-solids facility			279792	24	\$9,000,000
271	West St. Paul - Stormwater	Thompson Lake improvements			279716	23	\$1,516,000
272	RWMWD - Stormwater Hwys 36 & 61	Improved stormwater management	R		279710	23	\$1,340,000
273	Center City - Stormwater	Conveyance and treatment in CBD			279748	23	\$175,000
274	Hitterdal	Rehab/expand ponds, extend sewer			272595	23	\$825,500
275	Lake Washington Sanitary District	Unsewered tri-lakes area, connect to Mankato			279766	22	\$9,246,400
276	Circle Pines - Stormwater	Golden Lake biohaven			279778	22	\$135,730
277	Rush City	Expand existing system			279519	22	\$0
278	Kandiyohi County - Henderson, George and Nes	Unsewered, connect to Green Lake SD			279506	21	\$2,100,000
279	Morgan - Stormwater	County ditch and pond			279781	21	\$8,338,900
280	Royalton - Stormwater	East side Hwy 10			279796	20	\$375,000
281	Laporte	Rehab/expand collection and trmt			279573	20	\$250,000
282	Big Lake Area SD - Fond du Lac	Unsewered, collection and treatment			279480	19	\$10,000,000
283	Solway	Unsewered, potential SSTS			279585	18	\$0
284	Shevlin	Unsewered, potential SSTS			279584	18	\$0
285	Newport - Stormwater	N. ravine stabilization/nutrient removal			279657	18	\$1,550,000
286	St. Paul - Stormwater	College Park infiltration project	R		279715	17	\$1,300,000
287	Centerville - Stormwater	Surface and sub-surface infiltration			279713	17	\$817,397
288	Lindstrom - Mentzer / Melody	Unsewered, connect to CLJSD			279745	16	\$340,000

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
289	Hampton	Rehab/expand existing system			272532	16	\$0
290	Laporte - Unsewered	Unsewered, connect to WWTF			279578	15	\$100,000
291	Eagan - Stormwater	Fish Lake alum station, sediment basin			279754	15	\$198,000
292	Cottage Grove - Stormwater	Pre-treatment pond and infiltration	R		279855	15	\$807,200
293	Tower - Hoo-Doo Point	Unsewered, connect to WWTP			272639	15	\$627,300
294	Hibbing - Stormwater	Replace conveyance system, add pond.			280051	15	\$4,092,000
295	Rice - Stormwater	Core residential area			279793	15	\$446,000
296	Madison Lake - Stormwater	SW Treatment			280050	15	\$0
297	Gem Lake - Stormwater	South Scheuneman Road improvements			279759	15	\$140,000
298	Crane Lake - Eastern Service Area	Unsewered, extend collection system			272618	15	\$3,860,000
299	Hackensack - Stormwater	East side of Hwy 371			279760	13	\$155,000
300	Menahga - Unsewered	Unsewered			279601	12	\$0
301	Shoreview - Stormwater	Woodbridge Street road recon			279721	12	\$1,440,400
302	Waseca - Stormwater	Pipe and channel diversion to natural wetland			279703	11	\$500,000
303	Forest Lake - Stormwater	Construct filtration BMPs			279708	11	\$209,181
304	Wadena - Stormwater	Stormwater infiltration	R		279827	11	\$1,166,000
305	Hector - Stormwater	Sediment ponds			279786	11	\$2,072,200
306	Atwater - Stormwater	Replace conveyance system, add infiltration	R		279860	11	\$1,136,000
307	Shafer	Expand WWTF, advanced treatment			279471	11	\$1,865,600
308	Rice Creek WD - Stormwater	Locke Lake sediment basin			279730	11	\$750,000
309	Brooklyn Center - Stormwater	Construct CDS treatment for TSS			279720	10	\$1,800,000
310	Lansing Twp 2	Expand treatment WWTF			279600	9	\$0
311	Middle Fork Crow River WD - Stormwater	Green Lake bio-retention			279819	9	\$780,000
312	Emily	Unsewered, connect to WWTF			279882	8	\$1,980,000
313	Annandale - Stormwater	Replace conveyance system, add infiltration	R		279851	8	\$1,087,000
314	Palisade	Rehab collection, expand treatment			279467	8	\$830,000
315	Iron Junction - Unsewered	Unsewered, connect to WWTF			279574	7	\$953,660
316	Grand Rapids - Golf Course Road	Unsewered, connect to WWTF			279451	5	\$2,352,134
317	Cotton Twp	Unsewered, collection and treatment			279441	5	\$649,639
318	Ham Lake - Stormwater	Hiawatha Beach/Comfort Resort Area			279820	1	\$462,000
319	Tower - West T.H. 169	Unsewered, connect to WWTF			279409	1	\$787,000
320	Silver Creek Twp - Castle Danger 2	Unsewered, connect to WWTF			279408	1	\$3,600,000
321	Bigfork	Rehab and expand ponds			279438	1	\$1,551,000
322	Bruno	Unsewered, pressure sewer/sand filter			279440	1	\$2,682,000
323	Dilworth	Sewer rehab			272607	1	\$975,000
324	Elba	Unsewered, collection and treatment			272425	1	\$0

**Appendix 3: Clean Water Revolving Fund
2012 Project Priority List (PPL)**

Priority Order

Rank	Project Name	Project Description	Potential GPR Project*	TMDL Project	Project Number	Priority Points	Estimated Project Cost
325	Ellsworth	Rehab collection system			279448	1	\$563,000
326	Gaylord - Unsewered	Unsewered, extend collection system			272448	1	\$0
327	Gaylord - WWTP Improvements	Rehab/expand existing system			272447	1	\$0
328	Grand Rapids - Annex Area 3	Unsewered, connect to WWTF			279511	1	\$425,000
329	Jenkins	Unsewered			279458	1	\$0
330	Kingston	Unsewered, replace SSTS	R		279532	1	\$0
331	Lake Twp - Lakewood MPH	Unsewered, collection and treatment			279598	1	\$1,958,495
332	Lake Twp - Warroad Estates/Northern Lights MF	Unsewered, collection and treatment			279604	1	\$3,775,579
333	Lucan	Rehab/expand existing system			272586	1	\$600,000
334	Marine on St. Croix	Rehab collection system			279686	1	\$0
335	Meadowlands	Rehab existing system			279387	1	\$0
336	Nielsville	Rehab collection system and pond			279416	1	\$0
337	Ottertail	Unsewered			272311	1	\$3,760,000
338	Parkers Prairie	Rehab collection system, expand treatment			279389	1	\$644,000
339	Pelican Group of Lakes Improvement District	Unsewered, collection and treatment			272581	1	\$16,949,850
340	Pope County - Lk Minnewaska/Lk Pelican	Unsewered, collection and treatment			272573	1	\$15,250,000
341	Racine	Rehab/expand existing system			272608	1	\$520,000
342	Randolph	Unsewered, collection and treatment			272584	1	\$3,715,600
343	Rutledge	Unsewered, collection and treatment			272569	1	\$1,292,000
344	St. Francis	New Eastside WWTF, rehab westside WWTF			279525	1	\$10,500,000
345	St. Stephen	Unsewered, collection and treatment			272552	1	\$9,518,000
346	Staples - Stormwater Northwest Area	Stormwater - Northwest Area			279522	1	\$0
347	Summit Lake Twp - Reading	Unsewered, potential SSTS			280149	1	\$0
348	Westbrook	Rehab/expand existing system			272529	1	\$0
349	Whalan	Unsewered, collection and treatment			272605	1	\$1,012,550
Total							\$1,513,287,887

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Afton	2,839
Andover	26,588
Anoka	18,076
Apple Valley	45,527
Arden Hills	9,652
Bayport	3,162
Baytown Twp.	1,533
Benton Twp.	939
Bethel	443
Birchwood	968
Blaine	45,014
Blakeley Twp.	496
Bloomington	85,172
Brooklyn Center	29,172
Brooklyn Park	67,388
Burns Twp.	3,557
Burnsville	60,220
Camden Twp.	955
Carver	1,266
Castle Rock Twp.	1,495
Cedar Lake Twp.	2,197
Centerville	3,202
Champlin	22,193
Chanhassen	20,321
Chaska	17,449
Chaska Twp.	154
Circle Pines	4,663
Coates	163

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Cologne	1,012
Columbia Heights	18,520
Columbus Twp.	3,957
Coon Rapids	61,607
Corcoran	5,630
Cottage Grove	30,582
Credit River Twp.	3,895
Crystal	22,698
Dahlgren Twp.	1,453
Dayton	4,693
Deephaven	3,853
Dellwood	1,033
Denmark Twp.	1,348
Douglas Twp.	760
Eagan	63,557
East Bethel	10,941
Eden Prairie	54,901
Edina	47,425
Elko – New Market	799
Empire Twp.	1,638
Eureka Twp.	1,490
Excelsior	2,393
Falcon Heights	5,572
Farmington	12,365
Forest Lake City	14,440
Fort Snelling	442
Fridley	27,449

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Gem Lake	419
Golden Valley	20,281
Grant	4,026
Greenfield	2,544
Greenvale Twp.	684
Greenwood	729
Grey Cloud Twp.	307
Ham Lake	12,710
Hamburg	538
Hampton	434
Hampton Twp.	986
Hancock Twp.	367
Hanover	332
Hassan Twp.	2,463
Hastings	18,204
Helena Twp.	1,440
Hilltop	766
Hollywood Twp.	1,102
Hopkins	17,367
Hugo	6,363
Independence	3,236
Inver Grove Heights	29,751
Jackson Twp.	1,361
Jordan	3,833
Lake Elmo	6,863
Lake St. Croix Beach.	1,140
Lakeland	1,917
Lakeland Shores	355

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Laketown Twp.	2,331
Lakeville	43,128
Landfall	700
Lauderdale	2,364
Lexington	2,142
Lilydale	552
Lino Lakes	16,791
Linwood Twp.	4,668
Little Canada	9,771
Long Lake	1,842
Loretto	570
Louisville Twp.	1,359
Mahtomedi	7,563
Maple Grove	50,365
Maple Plain	2,088
Maplewood	35,258
Marine on St. Croix	602
Marshan Twp.	1,263
May Twp.	2,928
Mayer	554
Medicine Lake	368
Medina	4,005
Mendota	197
Mendota Heights	11,434
Miesville	135
Minneapolis	382,747
Minnetonka	51,102

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Minnetonka Beach	614
Minnetrista	4,358
Mound	9,435
Mounds View	12,738
New Brighton	22,206
New Germany	346
New Hope	20,873
New Scandia Twp.	3,692
New Trier	116
Newport	3,715
Nininger Twp.	865
North Oaks	3,883
North St. Paul	11,929
Norwood Young America	3,108
Oak Grove	6,903
Oak Park Heights	3,777
Oakdale	26,653
Orono	7,538
Osseo	2,434
Pine Springs	421
Plymouth	65,894
Prior Lake	15,917
Ramsey	18,510
Randolph	318
Randolph Twp.	536
Ravenna Twp.	2,355

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Richfield	34,310
Robbinsdale	14,123
Rogers	3,588
Rosemount	14,619
Roseville	33,690
San Francisco Twp.	888
Sand Creek Twp.	1,551
Savage	21,115
Sciota Twp.	285
Shakopee	20,568
Shoreview	25,924
Shorewood	7,400
South St. Paul	20,167
Spring Lake Park	6,772
Spring Lake Twp.	3,681
Spring Park	1,717
St. Anthony	8,012
St. Bonifacius	1,873
St. Francis	4,910
St. Lawrence Twp.	472
St. Louis Park	44,102
St. Mary's Point	344
St. Paul	286,840
St. Paul Park	5,070
Stillwater	15,323
Stillwater Twp.	2,553
Sunfish Lake	504

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Tonka Bay	1,547
Vadnais Heights	13,069
Vermillion	437
Vermillion Twp.	1,243
Victoria	4,025
Waconia	6,814
Waconia Twp.	1,284
Waterford Twp.	517
Watertown	3,029
Watertown Twp.	1,432
Wayzata	4,113
West Lakeland Twp.	3,547
West St. Paul	19,405
White Bear Lake	24,325
White Bear Twp.	11,293
Willernie	549
Woodbury	46,463
Woodland	480
Young America Twp.	838

Total Population of MCES Service Area: 2,633,609

Appendix 5:

Survey Responses and Methodological Considerations

The projected wastewater infrastructure needs and capital costs contained in this report are intended to inform the ongoing discussion about the condition and future of Minnesota's public infrastructure. This information also may help frame discussion about the comparative roles and responsibilities of state and local governments in maintaining, investing in, and financing wastewater infrastructure.

Given the significance of these policy considerations, legislators and others making use of this report should be aware of certain factors that may affect the accuracy of survey information. Specifically, to what extent is it probable that future wastewater infrastructure needs and capital costs are *over-reported* or *under-reported* by the WINS survey? As discussed below, a combination of the *variability of future cost estimates* and the *limited capability, resources and expertise of smaller communities* make it probable that this report *under-reports* future wastewater infrastructure needs and capital costs.

Variability of Future Cost Estimates

There is an inherent variability between estimates of future costs and the actual costs of infrastructure improvements. The timeframe from when a project need is first identified to construction completion consists of several phases:

1. **Recognition of Need.** The process may begin formally with infrastructure strategic planning, a capital improvement plan (CIP), infiltration/inflow analysis or a sewer system evaluation survey. Or it may begin with little more than a general recognition of a need (e.g., the collection system on the northwest side of town was constructed some time in the 1930s and will need to be rehabilitated or replaced within the next five to ten years – if not sooner.)
2. **Facilities Planning.** The next step is to develop a facilities plan (also known as a preliminary engineering report), initiate the process of environmental review and begin to secure funding for the project.
3. **Plans and Specifications.** The approval of a facilities plan (the MPCA and Rural Development of the U.S. Department of Agriculture review and approve facilities plans in Minnesota) the completion of environmental review and securing of funding commitments is followed by the development of construction plans and specifications.
4. **Bidding and Construction.** In every major construction project, there are risks of unforeseen conditions that alter the total cost of the project.

Cost estimates for future projects reported to the WINS survey and the PPL are at all different phases in this life-cycle of an infrastructure project. This increases the variability of future cost estimates. Also, based on anecdotal information, costs generally increase from initial estimates to construction (even adjusted for present value). Without additional research, it is unclear whether this is a routine occurrence that contributes to the under-reporting of future infrastructure costs.

Appendix 5: Survey Responses and Methodological Considerations

Community Capabilities, Resources and Expertise

The accuracy of future cost estimates for wastewater infrastructure projects are significantly affected by the availability of resources and expertise to:

1. Effectively monitor, survey and track the condition of existing infrastructure and ascertain the need for rehabilitation and replacement;
2. Engage in strategic planning to address growth and expanding capacity needs; and
3. Estimate project costs, including assessment of architectural and engineering specifications, construction cost planning and project administration.

While there are exceptions, the *capability* of a community or sanitary district to accurately estimate the future costs of wastewater treatment depends on resources and expertise. This is, in turn, dependent upon the size of the community or sanitary district — the number of connections — and the opportunity for economies of scale.

Consider, for example, the difference in capability characteristic of a city of 300 residents as compared to the state's largest wastewater entities, Metropolitan Council Environmental Services (MCES) and the Western Lake Superior Sanitary District (WLSSD). MCES and WLSSD have extensive capabilities to track the condition of existing infrastructure and ascertain the need for rehabilitation and replacement over time frames extending to 20 years and longer and to develop extensive strategic and capital improvement plans based on professional evaluations and itemizations of project costs. In contrast – and although there are notable exceptions – a city of 300 tends to be fortunate if it can locate an accurate and comprehensive map of its collection sewer system or afford a professional evaluation of the condition and remaining useful life of its treatment facilities.

In general, as the population of a community or sanitary district service area exceeds 1,000 residents, capital improvement planning for wastewater infrastructure becomes more feasible. For smaller communities not faced with an immediate and critical need, exercising the administrative and institutional capabilities and acquiring the resources and expertise necessary for infrastructure surveying and planning tends to be problematic. The probable result of this situation is that the future needs (i.e., 5-10 years and 10-20 years) of communities with populations of less than 1,000 tend to be significantly *under-reported* in the WINS survey.

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Ada	1,707	\$ 184.00
Adams	787	\$ 276.00
Adrian	1,209	\$ 144.00
Aitkin	2,165	\$ 331.09
Akeley	432	\$ 100.00
Albany	2,561	\$ 195.00
Albert Lea	18,016	\$ 371.28
Albertville	7,044	\$ 200.52
Alden	661	\$ 150.00
Alexandria Lakes Area Sanitary District	23,500	\$ 242.00
Altura	493	\$ 260.00
Alvarado	363	\$ 28.50
Amboy	534	\$ 432.00
Andover	30,598	\$ 230.56
Annandale	3,228	\$ 288.00
Anoka	17,142	\$ 243.68
Apple Valley	49,084	\$ 208.08
Appleton	1,412	\$ 304.00
Argyle	639	\$ 262.80

Alphabetical by Community

Community	Population	Sewer Charge
Arlington	2,233	\$ 322.80
Ashby	446	\$ 420.00
Askov	364	\$ 282.00
Atwater	1,133	\$ 357.00
Audubon	519	\$ 348.00
Aurora	1,682	\$ 426.12
Austin	24,718	\$ 235.00
Avon	1,396	\$ 353.40
Babbitt	1,475	\$ 426.00
Backus	250	\$ 444.00
Badger	375	\$ 216.00
Bagley	1,392	\$ 330.00
Balaton	643	\$ 284.52
Barnesville	2,563	\$ 552.00
Barrett	415	\$ 226.80
Battle Lake	875	\$ 436.20
Baudette	990	\$ 282.00
Baxter	7,610	\$ 343.40
Bayport	3,471	\$ 227.60

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Beardsley	240	\$ 180.00
Beaver Bay	181	\$ 440.00
Beaver Creek	297	\$ 27.00
Becker	4,538	\$ 325.00
Bejou	89	\$ 156.00
Belgrade	740	\$ 216.00
Belle Plaine	6,661	\$ 360.36
Bellingham	168	\$ 268.20
Belview	384	\$ 312.00
Bemidji	13,431	\$ 369.00
Benson	3,240	\$ 411.60
Bertha	497	\$ 360.00
Bethel	466	\$ 420.00
Big Falls	236	\$ 420.00
Big Lake	10,060	\$ 318.00
Bigelow	235	\$ 750.00
Bingham Lake	126	\$ 256.80
Birchwood	870	\$ 280.00
Bird Island	1,042	\$ 423.60

Alphabetical by Community

Community	Population	Sewer Charge
Biwabik	969	\$ 234.72
Blackduck	785	\$ 357.00
Blaine	57,186	\$ 178.80
Blooming Prairie	1,996	\$ 420.00
Bloomington	82,893	\$ 153.84
Blue Earth	3,353	\$ 459.60
Bluffton	207	\$ 180.00
Bock	106	\$ 600.00
Boyd	175	\$ 420.00
Braham	1,793	\$ 474.00
Brandon	489	\$ 288.00
Breckenridge	3,386	\$ 282.00
Breezy Point	2,346	\$ 268.00
Brewster	473	\$ 171.00
Bricelyn	365	\$ 300.96
Brooklyn Center	30,104	\$ 255.48
Brooklyn Park	75,781	\$ 166.60
Brooten	743	\$ 153.00
Browerville	790	\$ 349.44

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Browns Valley	589	\$ 351.60
Brownsdale	676	\$ 240.00
Brownsville	466	\$ 432.00
Brownton	762	\$ 369.00
Buffalo	15,453	\$ 363.40
Buffalo Lake	733	\$ 82.48
Burnsville	60,306	\$ 192.60
Butterfield	586	\$ 318.00
Byron	4,914	\$ 547.80
Callaway	234	\$ 216.00
Calumet	367	\$ 420.00
Cambridge	7,644	\$ 429.60
Campbell	158	\$ 96.00
Canby	1,795	\$ 204.92
Cannon Falls	4,083	\$ 464.29
Carlton	862	\$ 632.64
Carver	3,724	\$ 337.20
Cass Lake	770	\$ 367.12
Cedar Mills	45	\$ 74.00

Alphabetical by Community

Community	Population	Sewer Charge
Center City	628	\$ 567.00
Centerville	3,792	\$ 225.00
Ceylon	369	\$ 347.40
Champlin	23,089	\$ 252.24
Chandler	270	\$ 480.00
Chanhassen	22,952	\$ 213.96
Chaska	23,770	\$ 187.80
Chatfield	2,779	\$ 708.00
Chisago City	4,967	\$ 218.64
Chisholm	4,976	\$ 395.00
Circle Pines	4,918	\$ 240.00
Clara City	1,360	\$ 324.00
Claremont	548	\$ 393.00
Clarissa	681	\$ 393.00
Clarkfield	863	\$ 414.00
Clarks Grove	706	\$ 180.00
Clear Lake	545	\$ 414.72
Clearbrook	518	\$ 264.00
Clements	153	\$ 270.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Cleveland	719	\$ 309.00
Climax	267	\$ 324.24
Clinton	449	\$ 300.00
Cobden	36	\$ 404.40
Cohasset	2,698	\$ 534.24
Cokato	2,694	\$ 534.72
Cold Spring	4,025	\$ 318.00
Coleraine	1,970	\$ 264.00
Cologne	1,519	\$ 321.00
Columbia Heights	19,496	\$ 191.46
Comfrey	382	\$ 310.00
Comstock	93	\$ 584.00
Conger	146	\$ 47.00
Cook	574	\$ 651.00
Coon Rapids	61,476	\$ 244.00
Cosmos	473	\$ 144.00
Cottage Grove	34,589	\$ 199.80
Cottonwood	1,212	\$ 360.00
Courtland	611	\$ 441.00

Alphabetical by Community

Community	Population	Sewer Charge
Crookston	7,891	\$ 120.00
Crosby	2,386	\$ 277.32
Crosslake	2,141	\$ 432.00
Crystal	22,151	\$ 184.80
Cyrus	288	\$ 158.00
Dalton	253	\$ 300.00
Danube	505	\$ 51.72
Danvers	97	\$ 275.00
Darfur	108	\$ 432.00
Darwin	350	\$ 276.00
Dassel	1,469	\$ 511.20
Dawson	1,540	\$ 295.00
Dayton	4,671	\$ 241.80
Deephaven	3,642	\$ 300.00
Deer Creek	322	\$ 204.00
Deer River	930	\$ 288.00
Deerwood	532	\$ 463.20
Delano	5,464	\$ 58.60
Dennison	212	\$ 23.30

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Dent	192	\$ 300.00
Detroit Lakes	8,569	\$ 350.00
Dilworth	4,024	\$ 375.00
Dodge Center	2,670	\$ 403.44
Dover	735	\$ 240.00
Duluth	85,530	\$ 473.32
Dumont	100	\$ 360.00
Eagan	66,000	\$ 153.00
Eagle Bend	535	\$ 396.00
Eagle Lake	2,422	\$ 450.00
East Bethel	11,626	\$ 296.22
East Grand Forks	8,601	\$ 288.00
East Gull Lake	1,004	\$ 446.00
Easton	199	\$ 352.00
Echo	278	\$ 445.80
Eden Prairie	60,797	\$ 132.00
Eden Valley	1,042	\$ 267.00
Edgerton	1,189	\$ 137.80
Edina	47,941	\$ 189.44

Alphabetical by Community

Community	Population	Sewer Charge
Effie	123	\$ 55.00
Eitzen	243	\$ 350.00
Elbow Lake	1,176	\$ 408.00
Elgin	1,089	\$ 150.00
Elizabeth	173	\$ 120.00
Elk River	22,974	\$ 229.80
Elkton	141	\$ 93.20
Ellsworth	463	\$ 426.00
Elmore	663	\$ 180.00
Ely	3,460	\$ 651.71
Elysian	652	\$ 618.00
Emily	813	\$ 480.00
Emmons	391	\$ 126.00
Erskine	503	\$ 234.00
Evan	86	\$ 512.00
Eveleth	3,718	\$ 396.00
Excelsior	2,188	\$ 435.00
Eyota	1,977	\$ 465.00
Fairfax	1,235	\$ 336.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Fairmont	10,666	\$ 388.94
Falcon Heights	5,321	\$ 231.00
Faribault	23,352	\$ 325.44
Farmington	21,086	\$ 162.00
Farwell/Kensington Sanitary District		\$ 348.00
Felton	177	\$ 72.00
Fergus Falls	13,138	\$ 328.00
Fertile	842	\$ 147.00
Finlayson	315	\$ 276.00
Fisher	435	\$ 420.00
Flensburg	225	\$ 180.00
Foley	2,603	\$ 306.00
Forest Lake	18,375	\$ 300.00
Foreston	533	\$ 420.00
Fosston	1,527	\$ 180.00
Fountain	410	\$ 672.00
Franklin	510	\$ 513.00
Frazee	1,350	\$ 246.24
Freeborn	297	\$ 150.00

Alphabetical by Community

Community	Population	Sewer Charge
Freeport	632	\$ 265.80
Fridley	27,208	\$ 208.00
Frost	198	\$ 570.00
Fulda	1,318	\$ 171.00
Garfield	354	\$ 372.00
Garrison	210	\$ 672.00
Gary	214	\$ 567.00
Gaylord	2,305	\$ 280.00
Geneva	555	\$ 60.00
Georgetown	129	\$ 144.00
Ghent	370	\$ 192.00
Gibbon	772	\$ 186.00
Gilbert	1,799	\$ 288.00
Gilman	224	\$ 180.00
Glencoe	5,631	\$ 394.20
Glenville	643	\$ 38.00
Glenwood	2,564	\$ 390.00
Golden Valley	20,371	\$ 224.00
Gonvick	287	\$ 246.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Good Thunder	583	\$ 432.68
Goodridge	132	\$ 156.00
Goodview	4,036	\$ 251.40
Graceville	577	\$ 207.00
Granada	303	\$ 120.00
Grand Marais	1,351	\$ 690.00
Grand Meadow	1,139	\$ 306.00
Grand Rapids	10,869	\$ 249.60
Green Isle	559	\$ 210.00
Greenwood	688	\$ 260.00
Grey Eagle	348	\$ 300.00
Grove City	635	\$ 597.00
Grygla	221	\$ 192.00
Hackensack	313	\$ 270.60
Hallock	981	\$ 98.00
Halstad	597	\$ 417.96
Hamburg	513	\$ 390.00
Hammond	132	\$ 606.00
Hampton	689	\$ 192.00

Alphabetical by Community

Community	Population	Sewer Charge
Hancock	765	\$ 456.00
Hanley Falls	304	\$ 456.00
Hanover	2,938	\$ 307.00
Hanska	402	\$ 156.60
Hardwick	198	\$ 110.00
Harmony	1,020	\$ 636.00
Harris	1,132	\$ 757.68
Hartland	315	\$ 340.00
Hastings	23,000	\$ 189.00
Hatfield	54	\$ 360.00
Hawley	2,067	\$ 357.00
Hayfield	1,364	\$ 228.00
Hayward	250	\$ 154.00
Hector	1,151	\$ 360.00
Henderson	886	\$ 294.00
Hendricks	713	\$ 539.40
Hendrum	307	\$ 240.00
Henning	802	\$ 271.20
Henriette	84	\$ 402.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Herman	437	\$ 388.00
Hermantown	9,414	\$ 285.00
Heron Lake	698	\$ 270.00
Hewitt	271	\$ 718.00
Hibbing	16,361	\$ 274.80
Hill City	633	\$ 552.00
Hills	686	\$ 180.00
Hilltop	744	\$ 118.80
Hinckley	1,800	\$ 361.00
Hitterdal	201	\$ 25.18
Hoffman	681	\$ 672.00
Hokah	580	\$ 595.56
Holdingford	708	\$ 360.00
Holland	187	\$ 120.00
Hollandale	303	\$ 116.00
Holloway	92	\$ 168.00
Hopkins	17,591	\$ 162.00
Houston	979	\$ 414.60
Howard Lake	1,962	\$ 849.12

Alphabetical by Community

Community	Population	Sewer Charge
Hoyt Lakes	2,017	\$ 240.00
Hugo	13,332	\$ 232.40
Hutchinson	14,178	\$ 264.00
Ihlen	63	\$ 65.00
Independence	3,504	\$ 613.44
International Falls	6,424	\$ 323.40
Inver Grove Heights	33,880	\$ 215.32
Iron Junction	86	\$ 420.00
Ironton	572	\$ 420.48
Isanti	5,251	\$ 384.72
Isle	751	\$ 947.00
Ivanhoe	559	\$ 306.00
Jackson	3,299	\$ 363.72
Janesville	2,256	\$ 204.00
Jasper	633	\$ 135.00
Jeffers	369	\$ 207.00
Jordan	5,470	\$ 491.64
Kandiyohi	491	\$ 602.40
Karlstad	760	\$ 120.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Kasson	5,931	\$ 500.00
Kellogg	469	\$ 106.00
Kennedy	193	\$ 264.00
Kenneth	68	\$ 408.00
Kenyon	1,815	\$ 345.00
Kilkenny	134	\$ 292.20
Kimball	762	\$ 336.00
Kinney		\$ 258.00
La Crescent	4,830	\$ 191.04
Lafayette	504	\$ 384.00
Lake Benton	683	\$ 408.00
Lake City	5,063	\$ 414.96
Lake Crystal	2,549	\$ 408.00
Lake Elmo	8,069	\$ 270.00
Lake Henry	103	\$ 360.00
Lake Lillian	238	\$ 409.80
Lake Park	783	\$ 390.00
Lake Shore	1,004	\$ 320.00
Lakefield	1,694	\$ 368.60

Alphabetical by Community

Community	Population	Sewer Charge
Laketown Township	2,243	\$ 380.00
Lakeville	55,954	\$ 210.40
Lamberton	824	\$ 351.00
Lancaster	340	\$ 178.80
Lauderdale	2,379	\$ 180.60
Le Center	2,499	\$ 382.80
Le Roy	929	\$ 240.00
Le Sueur	4,058	\$ 538.20
Lester Prairie	1,730	\$ 750.00
Lewiston	1,620	\$ 821.04
Lewisville	250	\$ 584.40
Lexington	2,049	\$ 169.60
Lilydale	603	\$ 210.00
Lino Lakes	20,216	\$ 228.00
Lismore	227	\$ 472.80
Litchfield	6,726	\$ 409.56
Little Canada	9,773	\$ 186.00
Little Falls	8,343	\$ 264.00
Littlefork	647	\$ 144.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Long Lake	1,768	\$ 336.00
Long Prairie	3,458	\$ 261.30
Longville	156	\$ 372.00
Loretto	650	\$ 444.00
Lowry	299	\$ 30.00
Lucan	191	\$ 204.00
Luverne	4,745	\$ 429.12
Lynd	448	\$ 299.52
Mabel	780	\$ 492.00
Madelia	2,308	\$ 376.80
Madison	1,551	\$ 366.00
Madison Lake	1,017	\$ 513.36
Magnolia	222	\$ 29.00
Mahnomen	1,214	\$ 100.52
Mahtomedi	7,676	\$ 237.43
Mankato	39,309	\$ 322.80
Mantorville	1,197	\$ 483.36
Maple Grove	63,079	\$ 197.00
Maple Plain	1,768	\$ 432.60

Alphabetical by Community

Community	Population	Sewer Charge
Mapleton	1,756	\$ 237.48
Mapleview	176	\$ 395.60
Maplewood	38,018	\$ 219.20
Marble	698	\$ 408.00
Marietta	162	\$ 90.00
Marine on St Croix	689	\$ 445.80
Marshall	13,680	\$ 363.76
Mayer	1,749	\$ 534.00
Maynard	366	\$ 270.00
Mazeppa	842	\$ 410.00
McGrath	80	\$ 336.00
McGregor	402	\$ 300.00
McIntosh	625	\$ 120.00
Meadowlands	134	\$ 261.00
Medford	1,239	\$ 460.00
Medina	4,892	\$ 264.00
Melrose	3,598	\$ 308.00
Menahga	1,306	\$ 220.80
Mendota	198	\$ 160.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Mendota Heights	11,071	\$ 189.00
Middle River	303	\$ 420.00
Milaca	2,946	\$ 234.00
Milan	369	\$ 113.00
Millerville	106	\$ 160.00
Milroy	252	\$ 336.00
Minneapolis	382,578	\$ 235.03
Minnesota Lake	687	\$ 310.00
Minnetonka	49,734	\$ 177.00
Minnetonka Beach	539	\$ 232.00
Minnetrissa	6,384	\$ 340.00
Montevideo	5,383	\$ 455.04
Montgomery	3,300	\$ 651.00
Monticello	12,759	\$ 247.65
Montrose	2,847	\$ 642.00
Moorhead	43,886	\$ 260.87
Mora	3,571	\$ 498.00
Morgan	896	\$ 475.00
Morristown	987	\$ 552.00

Alphabetical by Community

Community	Population	Sewer Charge
Morton	411	\$ 704.00
Motley	671	\$ 402.00
Mound	9,052	\$ 326.84
Mounds View	12,155	\$ 197.16
Mountain Iron	2,869	\$ 300.00
Mountain Lake	2,104	\$ 180.00
Murdock	278	\$ 120.00
Myrtle	48	\$ 24.00
Nashwauk	983	\$ 130.00
Nassau	72	\$ 331.00
Nevis	390	\$ 360.00
New Auburn	456	\$ 501.00
New Brighton	21,456	\$ 195.60
New Germany	372	\$ 528.00
New Hope	20,339	\$ 330.00
New London	1,251	\$ 926.40
New Prague	7,321	\$ 635.40
New Richland	1,203	\$ 328.20
New Ulm	13,522	\$ 275.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
New York Mills	1,199	\$ 600.00
Newfolden	368	\$ 276.00
Newport	3,435	\$ 186.44
Nicollet	1,093	\$ 345.00
Nielsville	90	\$ 432.00
Nisswa	1,971	\$ 489.08
North Branch	10,125	\$ 477.00
North Mankato	13,394	\$ 251.00
North St Paul	11,460	\$ 300.00
Northfield	20,007	\$ 383.16
Northome	200	\$ 270.00
Northrop	227	\$ 21.25
Norwood Young America	3,637	\$ 443.00
Oak Grove	8,031	\$ 744.00
Oak Park Heights	4,339	\$ 199.80
Oakdale	27,378	\$ 220.80
Odessa	135	\$ 300.00
Ogema	184	\$ 36.00
Ogilvie	369	\$ 669.30

Alphabetical by Community

Community	Population	Sewer Charge
Okabena	188	\$ 264.00
Oklee	435	\$ 206.52
Olivia	2,484	\$ 468.60
Onamia	878	\$ 299.00
Orono	7,437	\$ 456.44
Orr	267	\$ 798.00
Ortonville	2,011	\$ 243.48
Osakis	1,740	\$ 300.48
Osseo	2,430	\$ 180.00
Ostrander	254	\$ 432.00
Otsego	13,571	\$ 360.00
Owatonna	25,599	\$ 169.00
Palisade	167	\$ 438.00
Park Rapids	3,709	\$ 214.00
Parkers Prairie	1,011	\$ 342.40
Paynesville	2,432	\$ 190.00
Pease	242	\$ 604.00
Pelican Rapids	2,464	\$ 342.00
Pemberton	247	\$ 564.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Pennock	508	\$ 115.20
Pequot Lakes	2,162	\$ 482.76
Perham	2,985	\$ 140.28
Perley	92	\$ 408.00
Peterson	199	\$ 43.80
Pillager	469	\$ 420.00
Pine City	3,123	\$ 320.00
Pine Island	3,263	\$ 342.48
Pipestone	4,317	\$ 323.40
Plummer	292	\$ 216.00
Plymouth	70,576	\$ 174.00
Porter	183	\$ 190.00
Preston	1,325	\$ 286.20
Princeton	4,698	\$ 630.00
Prinsburg	497	\$ 637.20
Prior Lake	22,796	\$ 219.00
Racine	442	\$ 300.00
Ramsey	23,668	\$ 260.64
Randall	650	\$ 358.20

Alphabetical by Community

Community	Population	Sewer Charge
Red Lake Falls	1,427	\$ 285.00
Red Wing	16,459	\$ 375.00
Redwood Falls	5,254	\$ 260.68
Remer	370	\$ 617.64
Renville	1,287	\$ 278.83
Revere	95	\$ 243.00
Rice	1,275	\$ 204.00
Richfield	35,228	\$ 200.40
Richmond	1,422	\$ 584.00
Robbinsdale	13,953	\$ 247.32
Rochester	106,769	\$ 306.00
Rockford	4,316	\$ 317.52
Rockville	2,448	\$ 217.20
Rogers	8,597	\$ 155.88
Rollingstone	664	\$ 261.00
Roscoe	102	\$ 300.00
Rose Creek	394	\$ 208.00
Roseau	2,633	\$ 195.00
Rosemount	23,350	\$ 170.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Roseville	33,660	\$ 171.00
Rothsay	493	\$ 170.00
Round Lake	376	\$ 120.00
Royalton	1,242	\$ 306.00
Rush City	3,079	\$ 307.20
Rushford	1,731	\$ 335.28
Rushford Village	807	\$ 516.00
Rushmore	342	\$ 360.00
Russell	338	\$ 192.00
Ruthton	241	\$ 162.00
Sabin	522	\$ 192.00
Sacred Heart	548	\$ 270.00
Saint Paul	285,068	\$ 251.00
Saint Peter	11,106	\$ 600.00
Sandstone	2,849	\$ 304.00
Sartell	15,876	\$ 260.68
Sauk Centre	4,317	\$ 445.92
Sauk Rapids	12,773	\$ 220.20
Savage	26,911	\$ 120.96

Alphabetical by Community

Community	Population	Sewer Charge
Scanlon	991	\$ 400.00
Seaforth	86	\$ 540.00
Sebek	711	\$ 288.00
Shafer	1,045	\$ 387.64
Shakopee	37,076	\$ 192.00
Shelly	191	\$ 420.00
Sherburn	1,137	\$ 270.60
Shoreview	25,043	\$ 302.64
Shorewood	7,307	\$ 280.00
Silver Bay	1,887	\$ 364.44
Silver Creek	1,138	\$ 516.00
Silver Lake	837	\$ 303.00
Slayton	2,153	\$ 240.00
Sleepy Eye	3,599	\$ 226.56
South Haven	187	\$ 634.80
South St Paul	20,160	\$ 236.27
Spicer	1,167	\$ 696.60
Spring Lake Park	6,412	\$ 221.72
Spring Park	1,669	\$ 375.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Spring Valley	2,479	\$ 399.48
Springfield	2,185	\$ 290.04
St Bonifacius	2,283	\$ 165.60
St Charles	3,735	\$ 403.44
St Clair	868	\$ 864.00
St Cloud	67,136	\$ 218.88
St Francis - East & West Facilities	7,218	\$ 396.00
St Hilaire	279	\$ 585.24
St James	4,605	\$ 463.00
St Joseph	6,534	\$ 213.00
St Leo	100	\$ 252.00
St Louis Park	45,250	\$ 234.00
St Martin	308	\$ 144.00
St Michael	16,339	\$ 158.16
St Paul Park	5,279	\$ 222.00
Stacy	1,456	\$ 561.00
Staples	2,981	\$ 234.12
Starbuck	1,302	\$ 378.00
Steen	180	\$ 228.00

Alphabetical by Community

Community	Population	Sewer Charge
Stephen	658	\$ 310.00
Stewart	571	\$ 127.92
Stewartville	5,955	\$ 269.40
Stillwater	18,225	\$ 230.00
Storden	219	\$ 420.00
Sunburg	100	\$ 424.80
Swanville	350	\$ 390.00
Tamarack	94	\$ 390.00
Taunton	139	\$ 600.00
Taylors Falls	976	\$ 255.06
Thief River Falls	8,573	\$ 92.40
Thomson	159	\$ 480.00
Tonka Bay	1,475	\$ 480.00
Tower	500	\$ 179.00
Tracy	2,163	\$ 268.20
Trimont	747	\$ 570.60
Truman	1,115	\$ 284.40
Twin Lakes	151	\$ 120.00
Twin Valley	821	\$ 228.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Two Harbors	3,745	\$ 480.00
Tyler	1,143	\$ 108.00
Ulen	547	\$ 264.00
Underwood	341	\$ 540.00
Upsala	427	\$ 130.80
Utica	291	\$ 120.00
Vadnais Heights	12,302	\$ 240.00
Vergas	331	\$ 288.00
Vermillion	419	\$ 348.00
Verndale	602	\$ 411.00
Vernon Center	332	\$ 561.00
Vesta	319	\$ 255.00
Victoria	7,345	\$ 249.60
Virginia	8,712	\$ 236.80
Wabasha	2,521	\$ 665.20
Waconia	10,697	\$ 318.00
Wadena	4,088	\$ 246.34
Wahkon	206	\$ 338.00
Waite Park	6,715	\$ 250.20

Alphabetical by Community

Community	Population	Sewer Charge
Waldorf	229	\$ 406.80
Walker	941	\$ 390.00
Walnut Grove	871	\$ 563.40
Walters	73	\$ 462.00
Waltham	151	\$ 360.00
Wanamingo	1,086	\$ 270.00
Wanda	84	\$ 240.00
Warba	178	\$ 360.00
Warren	1,563	\$ 480.00
Warroad	1,781	\$ 387.00
Waseca	9,410	\$ 587.28
Watertown	4,205	\$ 339.24
Waterville	1,868	\$ 236.40
Watkins	962	\$ 546.00
Waubun	400	\$ 144.00
Waverly	1,357	\$ 899.00
Wayzata	3,688	\$ 267.00
Welcome	686	\$ 420.00
Wells	2,343	\$ 324.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Wendell	167	\$ 141.00
West Concord	782	\$ 696.00
West St Paul	19,540	\$ 225.36
Westbrook	739	\$ 252.00
Wheaton	1,424	\$ 392.83
White Bear Lake	23,797	\$ 212.00
Willmar	19,610	\$ 331.00
Willow River	415	\$ 102.00
Wilmont	339	\$ 285.00
Windom	4,646	\$ 324.27
Winger	220	\$ 66.00
Winnebago	1,437	\$ 294.00
Winona	27,592	\$ 134.00
Winsted	2,355	\$ 410.34
Winton	172	\$ 402.00
Wolf Lake	57	\$ 540.00
Wolverton	142	\$ 483.60
Wood Lake	439	\$ 426.00
Woodbury	61,961	\$ 730.32

Alphabetical by Community

Community	Population	Sewer Charge
Worthington	12,764	\$ 357.72
Wykoff	444	\$ 504.84
Wyoming	7,791	\$ 322.00
Zimmerman	5,228	\$ 336.00
Zumbro Falls	207	\$ 540.00
Zumbrota	3,252	\$ 207.24

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Isle	751	\$ 947.00
New London	1,251	\$ 926.40
Waverly	1,357	\$ 899.00
St Clair	868	\$ 864.00
Howard Lake	1,962	\$ 849.12
Lewiston	1,620	\$ 821.04
Orr	267	\$ 798.00
Harris	1,132	\$ 757.68
Bigelow	235	\$ 750.00
Lester Prairie	1,730	\$ 750.00
Oak Grove	8,031	\$ 744.00
Woodbury	61,961	\$ 730.32
Hewitt	271	\$ 718.00
Chatfield	2,779	\$ 708.00
Morton	411	\$ 704.00
Spicer	1,167	\$ 696.60
West Concord	782	\$ 696.00
Grand Marais	1,351	\$ 690.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Fountain	410	\$ 672.00
Garrison	210	\$ 672.00
Hoffman	681	\$ 672.00
Ogilvie	369	\$ 669.30
Wabasha	2,521	\$ 665.20
Ely	3,460	\$ 651.71
Cook	574	\$ 651.00
Montgomery	3,300	\$ 651.00
Montrose	2,847	\$ 642.00
Prinsburg	497	\$ 637.20
Harmony	1,020	\$ 636.00
New Prague	7,321	\$ 635.40
South Haven	187	\$ 634.80
Carlton	862	\$ 632.64
Princeton	4,698	\$ 630.00
Elysian	652	\$ 618.00
Remer	370	\$ 617.64
Independence	3,504	\$ 613.44

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Hammond	132	\$ 606.00
Pease	242	\$ 604.00
Kandiyohi	491	\$ 602.40
Bock	106	\$ 600.00
New York Mills	1,199	\$ 600.00
Saint Peter	11,106	\$ 600.00
Taunton	139	\$ 600.00
Grove City	635	\$ 597.00
Hokah	580	\$ 595.56
Waseca	9,410	\$ 587.28
St Hilaire	279	\$ 585.24
Lewisville	250	\$ 584.40
Comstock	93	\$ 584.00
Richmond	1,422	\$ 584.00
Trimont	747	\$ 570.60
Frost	198	\$ 570.00
Center City	628	\$ 567.00
Gary	214	\$ 567.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Pemberton	247	\$ 564.00
Walnut Grove	871	\$ 563.40
Stacy	1,456	\$ 561.00
Vernon Center	332	\$ 561.00
Barnesville	2,563	\$ 552.00
Hill City	633	\$ 552.00
Morristown	987	\$ 552.00
Byron	4,914	\$ 547.80
Watkins	962	\$ 546.00
Seaforth	86	\$ 540.00
Underwood	341	\$ 540.00
Wolf Lake	57	\$ 540.00
Zumbro Falls	207	\$ 540.00
Hendricks	713	\$ 539.40
Le Sueur	4,058	\$ 538.20
Cokato	2,694	\$ 534.72
Cohasset	2,698	\$ 534.24
Mayer	1,749	\$ 534.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
New Germany	372	\$ 528.00
Rushford Village	807	\$ 516.00
Silver Creek	1,138	\$ 516.00
Madison Lake	1,017	\$ 513.36
Franklin	510	\$ 513.00
Evan	86	\$ 512.00
Dassel	1,469	\$ 511.20
Wykoff	444	\$ 504.84
New Auburn	456	\$ 501.00
Kasson	5,931	\$ 500.00
Mora	3,571	\$ 498.00
Mabel	780	\$ 492.00
Jordan	5,470	\$ 491.64
Nisswa	1,971	\$ 489.08
Wolverton	142	\$ 483.60
Mantorville	1,197	\$ 483.36
Pequot Lakes	2,162	\$ 482.76
Chandler	270	\$ 480.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Emily	813	\$ 480.00
Thomson	159	\$ 480.00
Tonka Bay	1,475	\$ 480.00
Two Harbors	3,745	\$ 480.00
Warren	1,563	\$ 480.00
North Branch	10,125	\$ 477.00
Morgan	896	\$ 475.00
Braham	1,793	\$ 474.00
Duluth	85,530	\$ 473.32
Lismore	227	\$ 472.80
Olivia	2,484	\$ 468.60
Eyota	1,977	\$ 465.00
Cannon Falls	4,083	\$ 464.29
Deerwood	532	\$ 463.20
St James	4,605	\$ 463.00
Walters	73	\$ 462.00
Medford	1,239	\$ 460.00
Blue Earth	3,353	\$ 459.60

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Orono	7,437	\$ 456.44
Hancock	765	\$ 456.00
Hanley Falls	304	\$ 456.00
Montevideo	5,383	\$ 455.04
Eagle Lake	2,422	\$ 450.00
East Gull Lake	1,004	\$ 446.00
Sauk Centre	4,317	\$ 445.92
Echo	278	\$ 445.80
Marine on St Croix	689	\$ 445.80
Backus	250	\$ 444.00
Loretto	650	\$ 444.00
Norwood Young America	3,637	\$ 443.00
Courtland	611	\$ 441.00
Beaver Bay	181	\$ 440.00
Palisade	167	\$ 438.00
Battle Lake	875	\$ 436.20
Excelsior	2,188	\$ 435.00
Good Thunder	583	\$ 432.68

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Maple Plain	1,768	\$ 432.60
Amboy	534	\$ 432.00
Brownsville	466	\$ 432.00
Crosslake	2,141	\$ 432.00
Darfur	108	\$ 432.00
Nielsville	90	\$ 432.00
Ostrander	254	\$ 432.00
Cambridge	7,644	\$ 429.60
Luverne	4,745	\$ 429.12
Aurora	1,682	\$ 426.12
Babbitt	1,475	\$ 426.00
Ellsworth	463	\$ 426.00
Wood Lake	439	\$ 426.00
Sunburg	100	\$ 424.80
Bird Island	1,042	\$ 423.60
Ironton	572	\$ 420.48
Ashby	446	\$ 420.00
Bethel	466	\$ 420.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Big Falls	236	\$ 420.00
Blooming Prairie	1,996	\$ 420.00
Boyd	175	\$ 420.00
Calumet	367	\$ 420.00
Fisher	435	\$ 420.00
Foreston	533	\$ 420.00
Iron Junction	86	\$ 420.00
Middle River	303	\$ 420.00
Pillager	469	\$ 420.00
Shelly	191	\$ 420.00
Storden	219	\$ 420.00
Welcome	686	\$ 420.00
Halstad	597	\$ 417.96
Lake City	5,063	\$ 414.96
Clear Lake	545	\$ 414.72
Houston	979	\$ 414.60
Clarkfield	863	\$ 414.00
Benson	3,240	\$ 411.60

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Verndale	602	\$ 411.00
Winsted	2,355	\$ 410.34
Mazeppa	842	\$ 410.00
Lake Lillian	238	\$ 409.80
Litchfield	6,726	\$ 409.56
Elbow Lake	1,176	\$ 408.00
Kenneth	68	\$ 408.00
Lake Benton	683	\$ 408.00
Lake Crystal	2,549	\$ 408.00
Marble	698	\$ 408.00
Perley	92	\$ 408.00
Waldorf	229	\$ 406.80
Cobden	36	\$ 404.40
Dodge Center	2,670	\$ 403.44
St Charles	3,735	\$ 403.44
Henriette	84	\$ 402.00
Motley	671	\$ 402.00
Winton	172	\$ 402.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Scanlon	991	\$ 400.00
Spring Valley	2,479	\$ 399.48
Eagle Bend	535	\$ 396.00
Eveleth	3,718	\$ 396.00
St Francis - East & West Facilities	7,218	\$ 396.00
Mapleview	176	\$ 395.60
Chisholm	4,976	\$ 395.00
Glencoe	5,631	\$ 394.20
Claremont	548	\$ 393.00
Clarissa	681	\$ 393.00
Wheaton	1,424	\$ 392.83
Glenwood	2,564	\$ 390.00
Hamburg	513	\$ 390.00
Lake Park	783	\$ 390.00
Swanville	350	\$ 390.00
Tamarack	94	\$ 390.00
Walker	941	\$ 390.00
Fairmont	10,666	\$ 388.94

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Herman	437	\$ 388.00
Shafer	1,045	\$ 387.64
Warroad	1,781	\$ 387.00
Isanti	5,251	\$ 384.72
Lafayette	504	\$ 384.00
Northfield	20,007	\$ 383.16
Le Center	2,499	\$ 382.80
Laketown Township	2,243	\$ 380.00
Starbuck	1,302	\$ 378.00
Madelia	2,308	\$ 376.80
Dilworth	4,024	\$ 375.00
Red Wing	16,459	\$ 375.00
Spring Park	1,669	\$ 375.00
Garfield	354	\$ 372.00
Longville	156	\$ 372.00
Albert Lea	18,016	\$ 371.28
Bemidji	13,431	\$ 369.00
Brownton	762	\$ 369.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Lakefield	1,694	\$ 368.60
Cass Lake	770	\$ 367.12
Madison	1,551	\$ 366.00
Silver Bay	1,887	\$ 364.44
Marshall	13,680	\$ 363.76
Jackson	3,299	\$ 363.72
Buffalo	15,453	\$ 363.40
Hinckley	1,800	\$ 361.00
Belle Plaine	6,661	\$ 360.36
Bertha	497	\$ 360.00
Cottonwood	1,212	\$ 360.00
Dumont	100	\$ 360.00
Hatfield	54	\$ 360.00
Hector	1,151	\$ 360.00
Holdingford	708	\$ 360.00
Lake Henry	103	\$ 360.00
Nevis	390	\$ 360.00
Otsego	13,571	\$ 360.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Rushmore	342	\$ 360.00
Waltham	151	\$ 360.00
Warba	178	\$ 360.00
Randall	650	\$ 358.20
Worthington	12,764	\$ 357.72
Atwater	1,133	\$ 357.00
Blackduck	785	\$ 357.00
Hawley	2,067	\$ 357.00
Avon	1,396	\$ 353.40
Easton	199	\$ 352.00
Browns Valley	589	\$ 351.60
Lamberton	824	\$ 351.00
Detroit Lakes	8,569	\$ 350.00
Eitzen	243	\$ 350.00
Browerville	790	\$ 349.44
Audubon	519	\$ 348.00
Farwell/Kensington Sanitary District		\$ 348.00
Vermillion	419	\$ 348.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Ceylon	369	\$ 347.40
Kenyon	1,815	\$ 345.00
Nicollet	1,093	\$ 345.00
Baxter	7,610	\$ 343.40
Pine Island	3,263	\$ 342.48
Parkers Prairie	1,011	\$ 342.40
Pelican Rapids	2,464	\$ 342.00
Hartland	315	\$ 340.00
Minnetrista	6,384	\$ 340.00
Watertown	4,205	\$ 339.24
Wahkon	206	\$ 338.00
Carver	3,724	\$ 337.20
Fairfax	1,235	\$ 336.00
Kimball	762	\$ 336.00
Long Lake	1,768	\$ 336.00
McGrath	80	\$ 336.00
Milroy	252	\$ 336.00
Zimmerman	5,228	\$ 336.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Rushford	1,731	\$ 335.28
Aitkin	2,165	\$ 331.09
Nassau	72	\$ 331.00
Willmar	19,610	\$ 331.00
Bagley	1,392	\$ 330.00
New Hope	20,339	\$ 330.00
New Richland	1,203	\$ 328.20
Fergus Falls	13,138	\$ 328.00
Mound	9,052	\$ 326.84
Faribault	23,352	\$ 325.44
Becker	4,538	\$ 325.00
Windom	4,646	\$ 324.27
Climax	267	\$ 324.24
Clara City	1,360	\$ 324.00
Wells	2,343	\$ 324.00
International Falls	6,424	\$ 323.40
Pipestone	4,317	\$ 323.40
Arlington	2,233	\$ 322.80

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Mankato	39,309	\$ 322.80
Wyoming	7,791	\$ 322.00
Cologne	1,519	\$ 321.00
Lake Shore	1,004	\$ 320.00
Pine City	3,123	\$ 320.00
Big Lake	10,060	\$ 318.00
Butterfield	586	\$ 318.00
Cold Spring	4,025	\$ 318.00
Waconia	10,697	\$ 318.00
Rockford	4,316	\$ 317.52
Belview	384	\$ 312.00
Comfrey	382	\$ 310.00
Minnesota Lake	687	\$ 310.00
Stephen	658	\$ 310.00
Cleveland	719	\$ 309.00
Melrose	3,598	\$ 308.00
Rush City	3,079	\$ 307.20
Hanover	2,938	\$ 307.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Foley	2,603	\$ 306.00
Grand Meadow	1,139	\$ 306.00
Ivanhoe	559	\$ 306.00
Rochester	106,769	\$ 306.00
Royalton	1,242	\$ 306.00
Appleton	1,412	\$ 304.00
Sandstone	2,849	\$ 304.00
Silver Lake	837	\$ 303.00
Shoreview	25,043	\$ 302.64
Bricelyn	365	\$ 300.96
Osakis	1,740	\$ 300.48
Clinton	449	\$ 300.00
Dalton	253	\$ 300.00
Deephaven	3,642	\$ 300.00
Dent	192	\$ 300.00
Forest Lake	18,375	\$ 300.00
Grey Eagle	348	\$ 300.00
McGregor	402	\$ 300.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Mountain Iron	2,869	\$ 300.00
North St Paul	11,460	\$ 300.00
Odessa	135	\$ 300.00
Racine	442	\$ 300.00
Roscoe	102	\$ 300.00
Lynd	448	\$ 299.52
Onamia	878	\$ 299.00
East Bethel	11,626	\$ 296.22
Dawson	1,540	\$ 295.00
Henderson	886	\$ 294.00
Winnebago	1,437	\$ 294.00
Kilkenny	134	\$ 292.20
Springfield	2,185	\$ 290.04
Annandale	3,228	\$ 288.00
Brandon	489	\$ 288.00
Deer River	930	\$ 288.00
East Grand Forks	8,601	\$ 288.00
Gilbert	1,799	\$ 288.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Sebekia	711	\$ 288.00
Vergas	331	\$ 288.00
Preston	1,325	\$ 286.20
Hermantown	9,414	\$ 285.00
Red Lake Falls	1,427	\$ 285.00
Wilmont	339	\$ 285.00
Balaton	643	\$ 284.52
Truman	1,115	\$ 284.40
Askov	364	\$ 282.00
Baudette	990	\$ 282.00
Breckenridge	3,386	\$ 282.00
Birchwood	870	\$ 280.00
Gaylord	2,305	\$ 280.00
Shorewood	7,307	\$ 280.00
Renville	1,287	\$ 278.83
Crosby	2,386	\$ 277.32
Adams	787	\$ 276.00
Darwin	350	\$ 276.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Finlayson	315	\$ 276.00
Newfolden	368	\$ 276.00
Danvers	97	\$ 275.00
New Ulm	13,522	\$ 275.00
Hibbing	16,361	\$ 274.80
Henning	802	\$ 271.20
Hackensack	313	\$ 270.60
Sherburn	1,137	\$ 270.60
Clements	153	\$ 270.00
Heron Lake	698	\$ 270.00
Lake Elmo	8,069	\$ 270.00
Maynard	366	\$ 270.00
Northome	200	\$ 270.00
Sacred Heart	548	\$ 270.00
Wanamingo	1,086	\$ 270.00
Stewartville	5,955	\$ 269.40
Bellingham	168	\$ 268.20
Tracy	2,163	\$ 268.20

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Breezy Point	2,346	\$ 268.00
Eden Valley	1,042	\$ 267.00
Wayzata	3,688	\$ 267.00
Freeport	632	\$ 265.80
Clearbrook	518	\$ 264.00
Coleraine	1,970	\$ 264.00
Hutchinson	14,178	\$ 264.00
Kennedy	193	\$ 264.00
Little Falls	8,343	\$ 264.00
Medina	4,892	\$ 264.00
Okabena	188	\$ 264.00
Ulen	547	\$ 264.00
Argyle	639	\$ 262.80
Long Prairie	3,458	\$ 261.30
Meadowlands	134	\$ 261.00
Rollingstone	664	\$ 261.00
Moorhead	43,886	\$ 260.87
Redwood Falls	5,254	\$ 260.68

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Sartell	15,876	\$ 260.68
Ramsey	23,668	\$ 260.64
Altura	493	\$ 260.00
Greenwood	688	\$ 260.00
Kinney		\$ 258.00
Bingham Lake	126	\$ 256.80
Brooklyn Center	30,104	\$ 255.48
Taylors Falls	976	\$ 255.06
Vesta	319	\$ 255.00
Champlin	23,089	\$ 252.24
St Leo	100	\$ 252.00
Westbrook	739	\$ 252.00
Goodview	4,036	\$ 251.40
North Mankato	13,394	\$ 251.00
Saint Paul	285,068	\$ 251.00
Waite Park	6,715	\$ 250.20
Grand Rapids	10,869	\$ 249.60
Victoria	7,345	\$ 249.60

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Monticello	12,759	\$ 247.65
Robbinsdale	13,953	\$ 247.32
Wadena	4,088	\$ 246.34
Frazee	1,350	\$ 246.24
Gonvick	287	\$ 246.00
Coon Rapids	61,476	\$ 244.00
Anoka	17,142	\$ 243.68
Ortonville	2,011	\$ 243.48
Revere	95	\$ 243.00
Alexandria Lakes Area Sanitary District	23,500	\$ 242.00
Dayton	4,671	\$ 241.80
Brownsdale	676	\$ 240.00
Circle Pines	4,918	\$ 240.00
Dover	735	\$ 240.00
Hendrum	307	\$ 240.00
Hoyt Lakes	2,017	\$ 240.00
Le Roy	929	\$ 240.00
Slayton	2,153	\$ 240.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Vadnais Heights	12,302	\$ 240.00
Wanda	84	\$ 240.00
Mapleton	1,756	\$ 237.48
Mahtomedi	7,676	\$ 237.43
Virginia	8,712	\$ 236.80
Waterville	1,868	\$ 236.40
South St Paul	20,160	\$ 236.27
Minneapolis	382,578	\$ 235.03
Austin	24,718	\$ 235.00
Biwabik	969	\$ 234.72
Staples	2,981	\$ 234.12
Erskine	503	\$ 234.00
Milaca	2,946	\$ 234.00
St Louis Park	45,250	\$ 234.00
Hugo	13,332	\$ 232.40
Minnetonka Beach	539	\$ 232.00
Falcon Heights	5,321	\$ 231.00
Andover	30,598	\$ 230.56

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Stillwater	18,225	\$ 230.00
Elk River	22,974	\$ 229.80
Hayfield	1,364	\$ 228.00
Lino Lakes	20,216	\$ 228.00
Steen	180	\$ 228.00
Twin Valley	821	\$ 228.00
Bayport	3,471	\$ 227.60
Barrett	415	\$ 226.80
Sleepy Eye	3,599	\$ 226.56
West St Paul	19,540	\$ 225.36
Centerville	3,792	\$ 225.00
Golden Valley	20,371	\$ 224.00
St Paul Park	5,279	\$ 222.00
Spring Lake Park	6,412	\$ 221.72
Menahga	1,306	\$ 220.80
Oakdale	27,378	\$ 220.80
Sauk Rapids	12,773	\$ 220.20
Maplewood	38,018	\$ 219.20

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Prior Lake	22,796	\$ 219.00
St Cloud	67,136	\$ 218.88
Chisago City	4,967	\$ 218.64
Rockville	2,448	\$ 217.20
Badger	375	\$ 216.00
Belgrade	740	\$ 216.00
Callaway	234	\$ 216.00
Plummer	292	\$ 216.00
Inver Grove Heights	33,880	\$ 215.32
Park Rapids	3,709	\$ 214.00
Chanhassen	22,952	\$ 213.96
St Joseph	6,534	\$ 213.00
White Bear Lake	23,797	\$ 212.00
Lakeville	55,954	\$ 210.40
Green Isle	559	\$ 210.00
Lilydale	603	\$ 210.00
Apple Valley	49,084	\$ 208.08
Fridley	27,208	\$ 208.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Rose Creek	394	\$ 208.00
Zumbrota	3,252	\$ 207.24
Graceville	577	\$ 207.00
Jeffers	369	\$ 207.00
Oklee	435	\$ 206.52
Canby	1,795	\$ 204.92
Deer Creek	322	\$ 204.00
Janesville	2,256	\$ 204.00
Lucan	191	\$ 204.00
Rice	1,275	\$ 204.00
Albertville	7,044	\$ 200.52
Richfield	35,228	\$ 200.40
Cottage Grove	34,589	\$ 199.80
Oak Park Heights	4,339	\$ 199.80
Mounds View	12,155	\$ 197.16
Maple Grove	63,079	\$ 197.00
New Brighton	21,456	\$ 195.60
Albany	2,561	\$ 195.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Roseau	2,633	\$ 195.00
Burnsville	60,306	\$ 192.60
Ghent	370	\$ 192.00
Grygla	221	\$ 192.00
Hampton	689	\$ 192.00
Russell	338	\$ 192.00
Sabin	522	\$ 192.00
Shakopee	37,076	\$ 192.00
Columbia Heights	19,496	\$ 191.46
La Crescent	4,830	\$ 191.04
Paynesville	2,432	\$ 190.00
Porter	183	\$ 190.00
Edina	47,941	\$ 189.44
Hastings	23,000	\$ 189.00
Mendota Heights	11,071	\$ 189.00
Chaska	23,770	\$ 187.80
Newport	3,435	\$ 186.44
Gibbon	772	\$ 186.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Little Canada	9,773	\$ 186.00
Crystal	22,151	\$ 184.80
Ada	1,707	\$ 184.00
Lauderdale	2,379	\$ 180.60
Beardsley	240	\$ 180.00
Bluffton	207	\$ 180.00
Clarks Grove	706	\$ 180.00
Elmore	663	\$ 180.00
Flensburg	225	\$ 180.00
Fosston	1,527	\$ 180.00
Gilman	224	\$ 180.00
Hills	686	\$ 180.00
Mountain Lake	2,104	\$ 180.00
Osseo	2,430	\$ 180.00
Tower	500	\$ 179.00
Blaine	57,186	\$ 178.80
Lancaster	340	\$ 178.80
Minnetonka	49,734	\$ 177.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Plymouth	70,576	\$ 174.00
Brewster	473	\$ 171.00
Fulda	1,318	\$ 171.00
Roseville	33,660	\$ 171.00
Rosemount	23,350	\$ 170.00
Rothsay	493	\$ 170.00
Lexington	2,049	\$ 169.60
Owatonna	25,599	\$ 169.00
Holloway	92	\$ 168.00
Brooklyn Park	75,781	\$ 166.60
St Bonifacius	2,283	\$ 165.60
Farmington	21,086	\$ 162.00
Hopkins	17,591	\$ 162.00
Ruthton	241	\$ 162.00
Mendota	198	\$ 160.00
Millerville	106	\$ 160.00
St Michael	16,339	\$ 158.16
Cyrus	288	\$ 158.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Hanska	402	\$ 156.60
Bejou	89	\$ 156.00
Goodridge	132	\$ 156.00
Rogers	8,597	\$ 155.88
Hayward	250	\$ 154.00
Bloomington	82,893	\$ 153.84
Brooten	743	\$ 153.00
Eagan	66,000	\$ 153.00
Alden	661	\$ 150.00
Elgin	1,089	\$ 150.00
Freeborn	297	\$ 150.00
Fertile	842	\$ 147.00
Adrian	1,209	\$ 144.00
Cosmos	473	\$ 144.00
Georgetown	129	\$ 144.00
Littlefork	647	\$ 144.00
St Martin	308	\$ 144.00
Waubun	400	\$ 144.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Wendell	167	\$ 141.00
Perham	2,985	\$ 140.28
Edgerton	1,189	\$ 137.80
Jasper	633	\$ 135.00
Winona	27,592	\$ 134.00
Eden Prairie	60,797	\$ 132.00
Upsala	427	\$ 130.80
Nashwauk	983	\$ 130.00
Stewart	571	\$ 127.92
Emmons	391	\$ 126.00
Savage	26,911	\$ 120.96
Crookston	7,891	\$ 120.00
Elizabeth	173	\$ 120.00
Granada	303	\$ 120.00
Holland	187	\$ 120.00
Karlstad	760	\$ 120.00
McIntosh	625	\$ 120.00
Murdock	278	\$ 120.00

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Round Lake	376	\$ 120.00
Twin Lakes	151	\$ 120.00
Utica	291	\$ 120.00
Hilltop	744	\$ 118.80
Hollandale	303	\$ 116.00
Pennock	508	\$ 115.20
Milan	369	\$ 113.00
Hardwick	198	\$ 110.00
Tyler	1,143	\$ 108.00
Kellogg	469	\$ 106.00
Willow River	415	\$ 102.00
Mahnomen	1,214	\$ 100.52
Akeley	432	\$ 100.00
Hallock	981	\$ 98.00
Campbell	158	\$ 96.00
Elkton	141	\$ 93.20
Thief River Falls	8,573	\$ 92.40
Marietta	162	\$ 90.00

Appendix 6: Average Annual Residential Sewer Charges

Community	Population	Sewer Charge
Buffalo Lake	733	\$ 82.48
Cedar Mills	45	\$ 74.00
Felton	177	\$ 72.00
Winger	220	\$ 66.00
Ihlen	63	\$ 65.00
Geneva	555	\$ 60.00
Delano	5,464	\$ 58.60
Effie	123	\$ 55.00
Danube	505	\$ 51.72
Conger	146	\$ 47.00
Peterson	199	\$ 43.80
Glenville	643	\$ 38.00
Ogema	184	\$ 36.00
Lowry	299	\$ 30.00
Magnolia	222	\$ 29.00
Alvarado	363	\$ 28.50
Beaver Creek	297	\$ 27.00
Hitterdal	201	\$ 25.18

By Charge (Highest to Lowest)

Community	Population	Sewer Charge
Myrtle	48	\$ 24.00
Dennison	212	\$ 23.30
Northrop	227	\$ 21.25