

Future Wastewater Infrastructure Needs and Capital Costs

FY2014 Biennial Survey of Wastewater Collection & Treatment



Minnesota Pollution Control Agency

January 2014

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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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 2014 at the MPCA web site: <http://www.pca.state.mn.us/index.php/about-mpca/legislative-resources/legislative-reports/index.html#2014>

Appendices to *Future Wastewater Infrastructure Needs and Capital Costs*

Appendix 1: 2014 Wastewater Infrastructure Needs Survey (WINS) – Communities Providing Estimates of Future Wastewater Infrastructure Costs Summarized by Economic Development Regions and Counties (*33 pages*)

Appendix 2: Wastewater Infrastructure Needs Survey (WINS) – Descriptions of Individual Community Needs, Projects, Costs and Affordability (*219 pages – alphabetical*)

Appendix 3: State Fiscal Year 2014 Project Priority List (PPL) (*alphabetical and priority ranking*)

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

Appendix 5: Survey Responses and Methodological Considerations

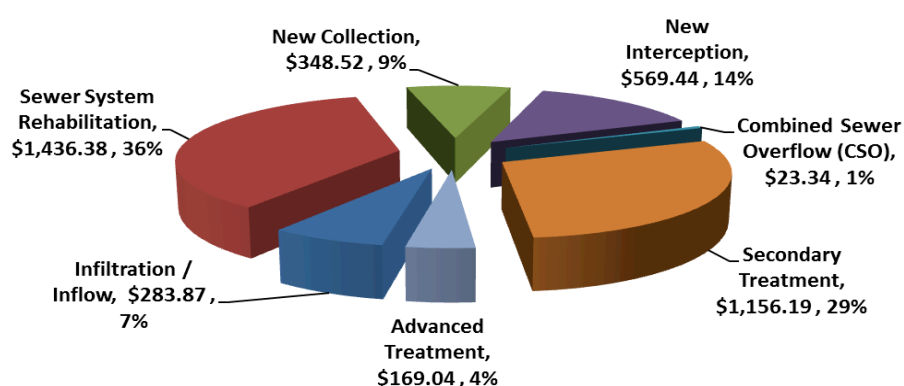
Appendix 6: Age of Infrastructure of Individual Communities (*61 pages – alphabetical*)

Appendix 7: Average Monthly Residential Sewer Charges (*34 pages alphabetical and by charge*)

Executive Summary

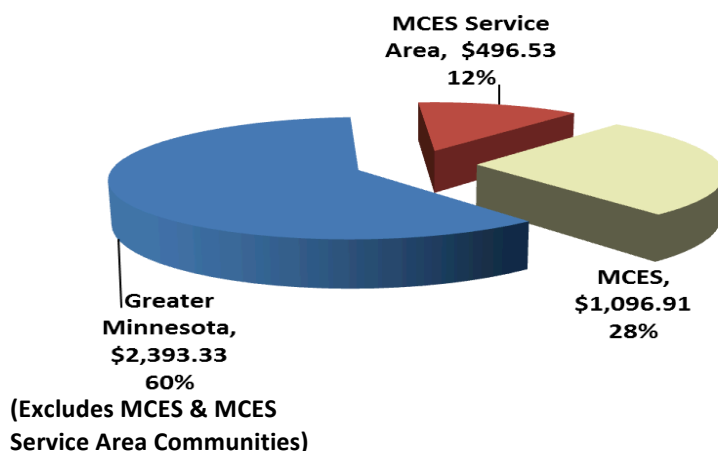
Statewide Future Infrastructure Needs

Responding to the Minnesota Pollution Control Agency (MPCA) 2013 Wastewater Infrastructure Needs Survey (WINS) of future wastewater treatment and collection system needs, Minnesota's communities identified **over fifteen hundred wastewater infrastructure projects** at a cost of over **\$3.98 billion dollars**. 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):



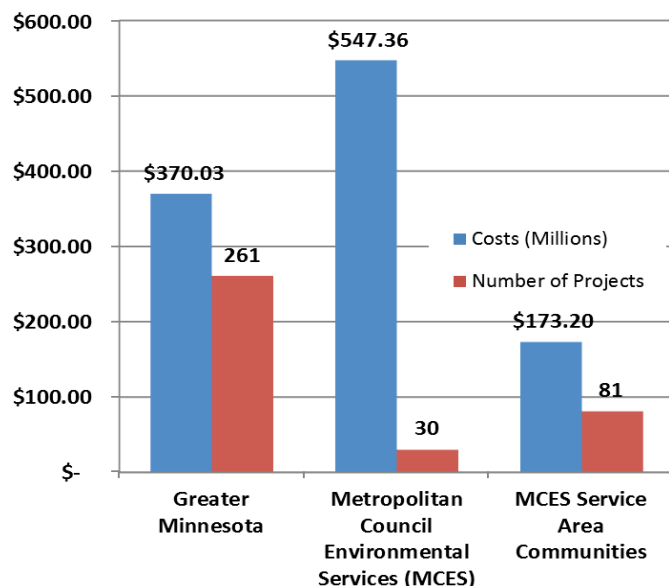
Greater Minnesota, Metropolitan Council Environmental Services (MCES) & MCES Service Area Communities Needs

The distribution of need for Greater Minnesota as compared to the MCES and the approximately 112 communities served by MCES is as follows: (costs are in millions of dollars)



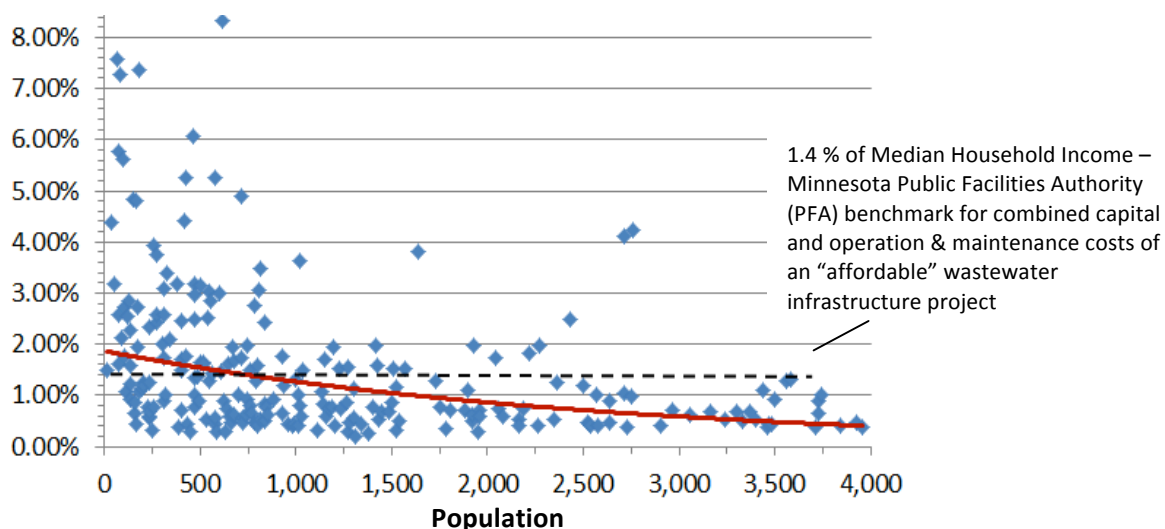
Completed Wastewater Infrastructure Projects 2012-2013

During the two year period from January 1, 2012 through December 31, 2013 a total of three-hundred seventy-two (372) wastewater infrastructure projects were completed throughout Minnesota at a total cost of \$1,090.59 million. The distribution of costs and projects between Greater Minnesota, MCES and MCES service area communities are as indicated below (costs are in millions of dollars). Note that costs are overall project totals for projects completed during the time period indicated. Multi-year projects may have been initiated and costs incurred prior to January 1, 2012.



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) uses 1.4% of median household income as a wastewater costs affordability index for Minnesota communities. On the following linear regression the y axis is annual capital and operational costs as a percent of a community's Median Household Income. As indicated a community characteristically needs a population of approximately 750 to achieve an affordability index of 1.4%.



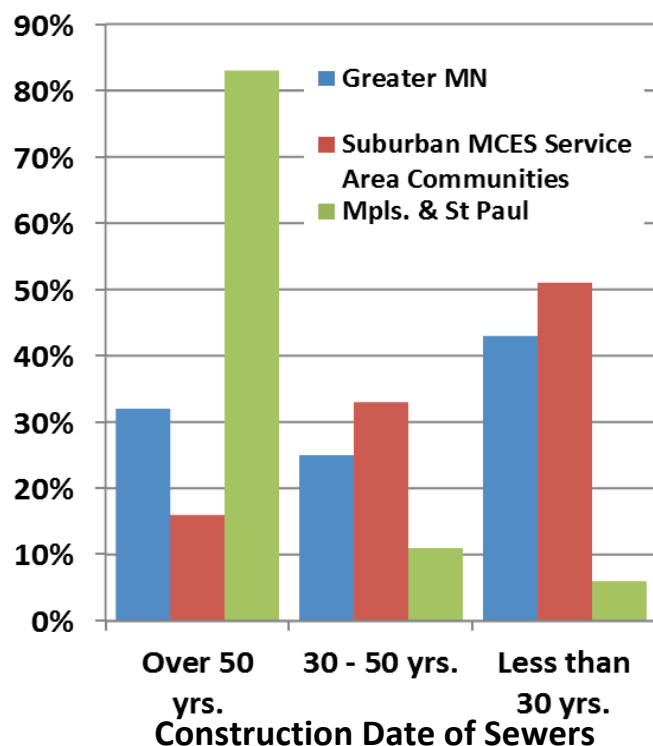
Age of Collection Sewers

Sewers installed over fifty 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 & St. Paul, b) Suburban MCES Service Area Communities, and, 3) Greater Minnesota.

As indicated below, Minneapolis and St. Paul have a high percentage (83%) 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 recognizing the economies of scale of the communities involved, rehabilitating and replacing these aged sewers continues to be a significant capital investment for the central cities.

Suburban MCES Service Area Communities have a comparatively small percentage (16.1%) 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 (37.3%). For these communities rehabilitation and replacement of deteriorated sewers will be a continuing investment.

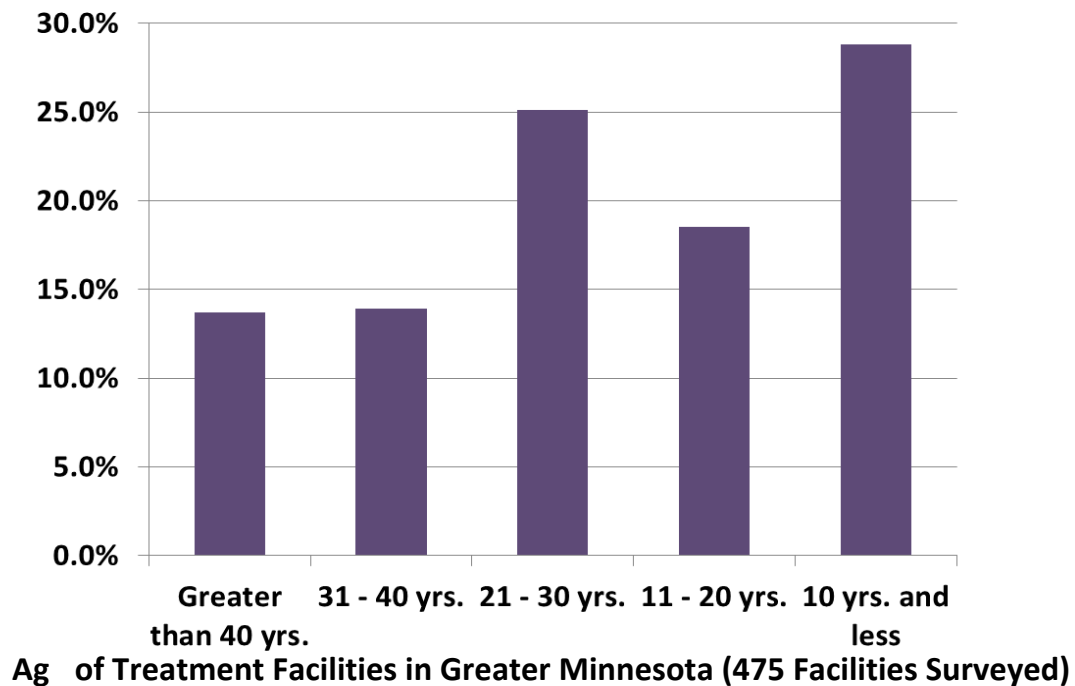
In Greater Minnesota the age of collection sewer systems suggests that aged infrastructure is significant and extensive and represents an important challenge, particularly because many of the oldest sewers are located in the smallest communities. As indicated below, 32% of Greater Minnesota sewers were installed over 50 years ago and 25% of sewers in Greater Minnesota are 30 – 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 lead to additional operating and maintenance and a greater potential for permit violations and unintended discharges. As indicated below, at this point in time 13.7% of Greater Minnesota's treatment facilities are over 40 years old. In ten

years without reconstruction projects the percentage would reach approximately 28%. 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. MCES operates an extensive interceptor system conveying wastewater to its several treatment facilities for treatment and discharge. The overall scale and revenue base of the MCES system facilitates the MCES practice of managing improvements and rehabilitation through long term capital investment planning.

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 wastewater infrastructure needs and residential costs;

Minnesota's publicly owned wastewater treatment systems are operated according to National Pollution 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% 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;
- Under – sewer 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 %) 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 ameliorate 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 (USEPA), National Pollutant Discharge Elimination System (NPDES) permits. These permits are issued by the MPCA according to a delegation agreement with the USEPA. Treatment facilities that discharge to land using, for example, 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 – water bodies in different areas have different characteristics, support different uses and react differently to pollutants; therefore, different standards are needed to protect those diverse water bodies. 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. Federal regulations require states to protect designated uses such as swimming and fishing; federal regulations also establish procedures for developing standards to achieve the required protections. 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 ground water 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 2013 Wastewater Infrastructure Needs Survey (WINS)

The 2013 WINS survey was mailed to communities and sanitary districts in mid-July, 2013 with completed surveys being received and data entered through the beginning of 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. The needs of specific communities as reported in the 2013 WINS survey are provided in Appendices 1 & 2.

The State Fiscal Year (SFY) 2014 Project Priority List (PPL) September 2013

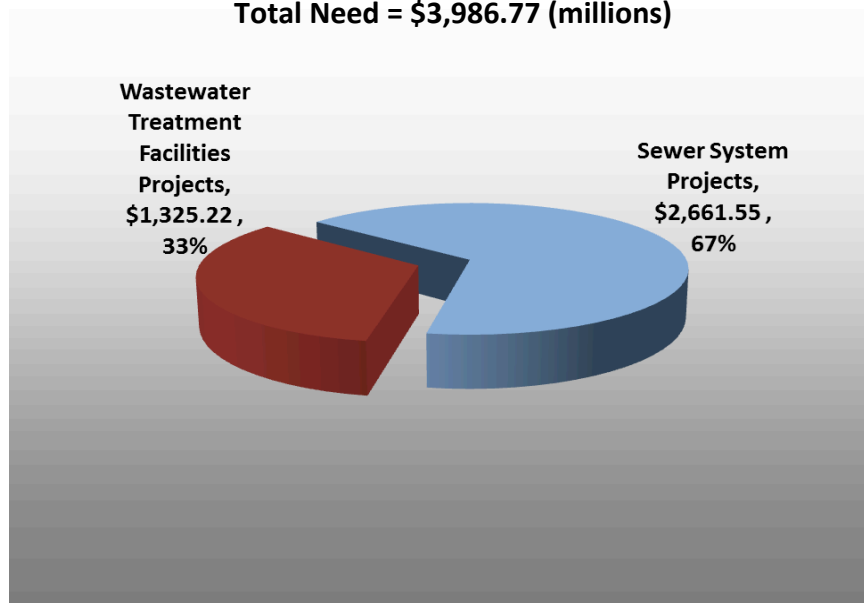
The Clean Water Project Priority List (PPL) consists of project proposals submitted to the MPCA by communities and sanitary districts seeking financial assistance for sewer and wastewater treatment construction projects and for stormwater projects. Proposals include information describing and supporting 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 award grants and low-interest loans. The SFY 2014 PPL is included as Appendix 3 of this Report. For information regarding PFA grants and loans the website is: <http://mn.gov/deed/government/public-facilities/funds-programs/>

Wastewater infrastructure needs addressed by 2014 PPL project proposals for wastewater projects are a subset of, and represent approximately 21% of the total number of wastewater project proposals and 31% of the overall costs identified by the 2013 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 2013 WINS survey and/or listed on the current State Fiscal Year 2014 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, 10-20 years). The following charts and tables provide a basic overview of the projected \$3,986.77 million¹ in wastewater infrastructure needs. The specific needs of individual communities as reported in the 2013 WINS survey are summarized by Economic Development Regions and counties in Appendix 1; and according to needs, projects, costs and affordability in Appendix 2.

Chart 1: Statewide Wastewater Infrastructure Needs by Project Type
Total Need = \$3,986.77 (millions)

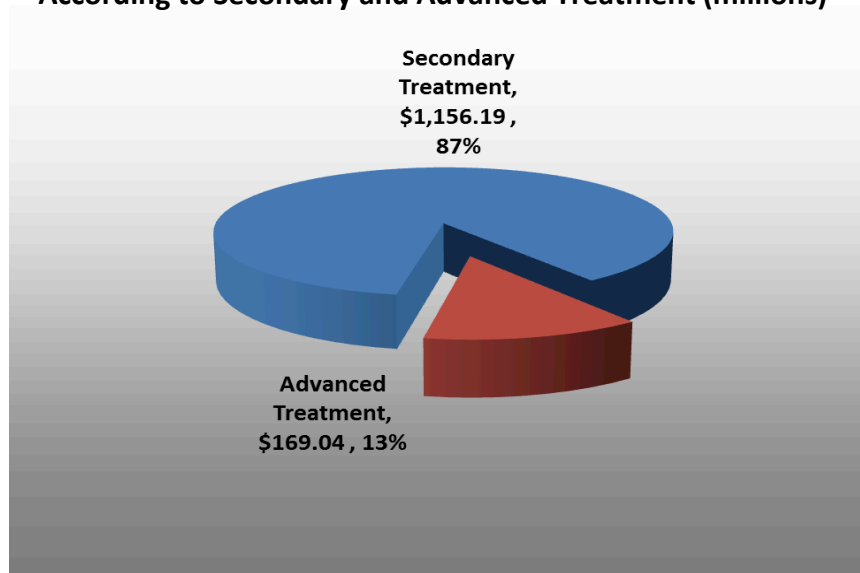


The \$1,325.22 million dollars in wastewater treatment project costs for the rehabilitation, improvement and expansion of wastewater treatment facilities and processes are distributed between secondary and advanced treatment² as indicated in Chart 2:

¹ The reported \$3,986.77 million of overall need of the 2014 Report compares to reported needs of previous years (in millions) as follows: 2012 - \$3,658; 2010 - \$4,340; 2008 - \$4,526.57; 2006 - \$3,483.59 and 2004 - \$2,539.28. The general congruence of needs from 2010 through 2014 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" approximately 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 from a peak in 2008 would seem to be the result of additional financial assistance provided by the State through programs administered by the Public Facilities Authority (PFA) and perhaps a decline in the identification of anticipated projects due to a general climate of municipal budget constraints.

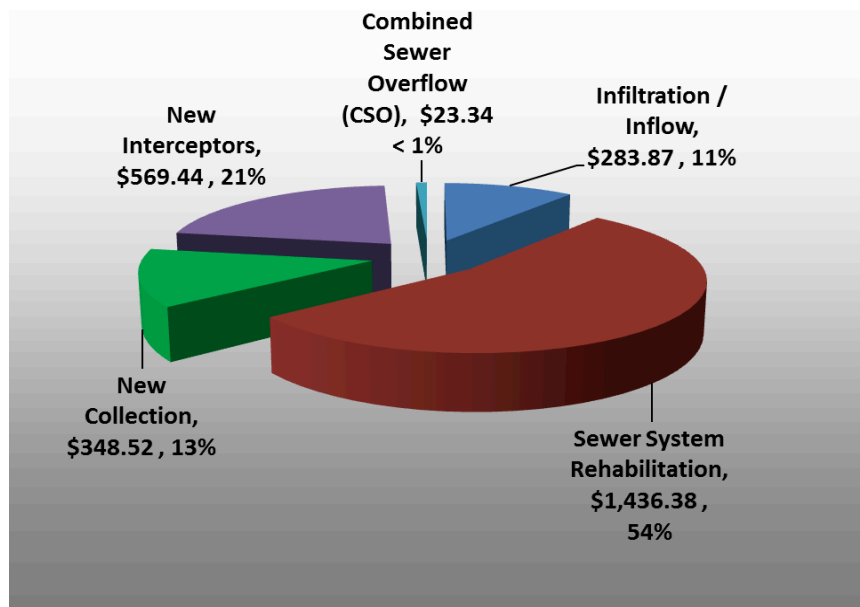
² For descriptions of secondary and advanced treatment please see pages 9-10.

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



Of the \$2,661.55 million 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 (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 (i.e. MCES Service Area Communities) receiving wastewater treatment and interceptor services from MCES*.

Chart 4: Distribution of \$3,986.77 million Statewide Need between Greater Minnesota and the MCES & MCES Service Area Communities (millions)

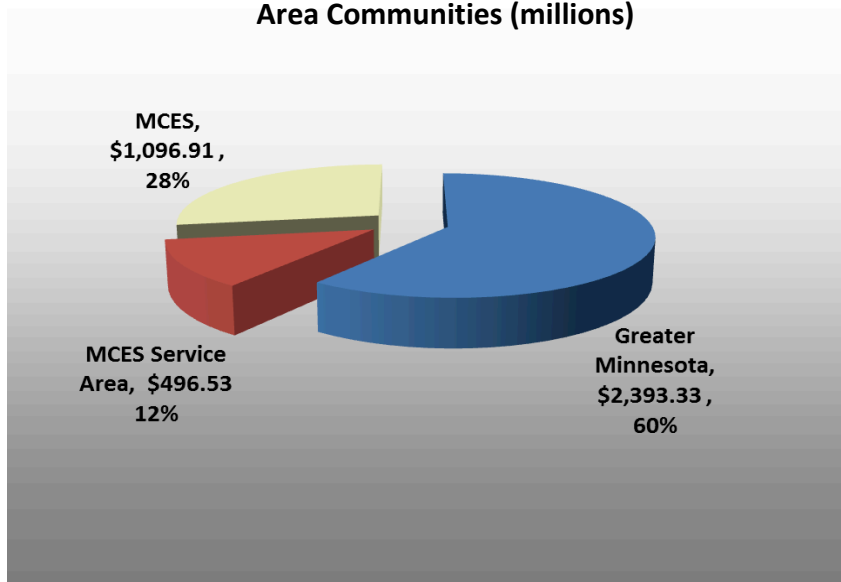
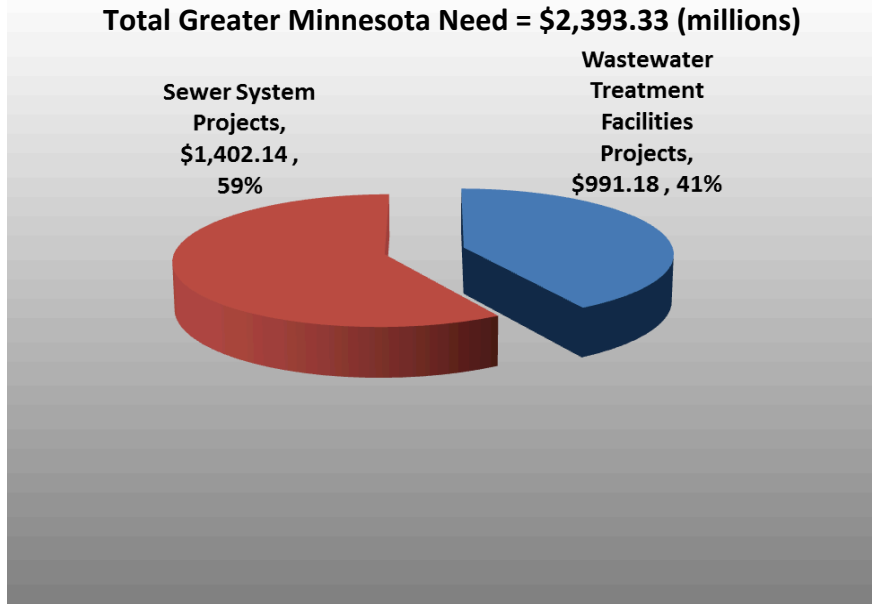


Chart 5: Greater Minnesota Wastewater Infrastructure Needs by Project Type -- Total Greater Minnesota Need = \$2,393.33 (millions)



* The MCES service area encompasses approximately 112 communities serving a total population of: 2,608,072, 51% of the State's total population (2010 US Census) 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 = \$2,393.33 (millions)

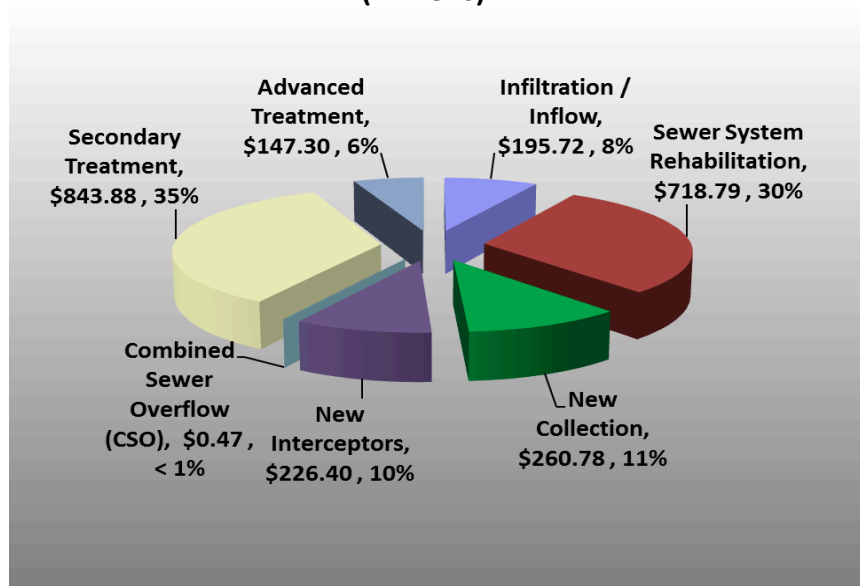
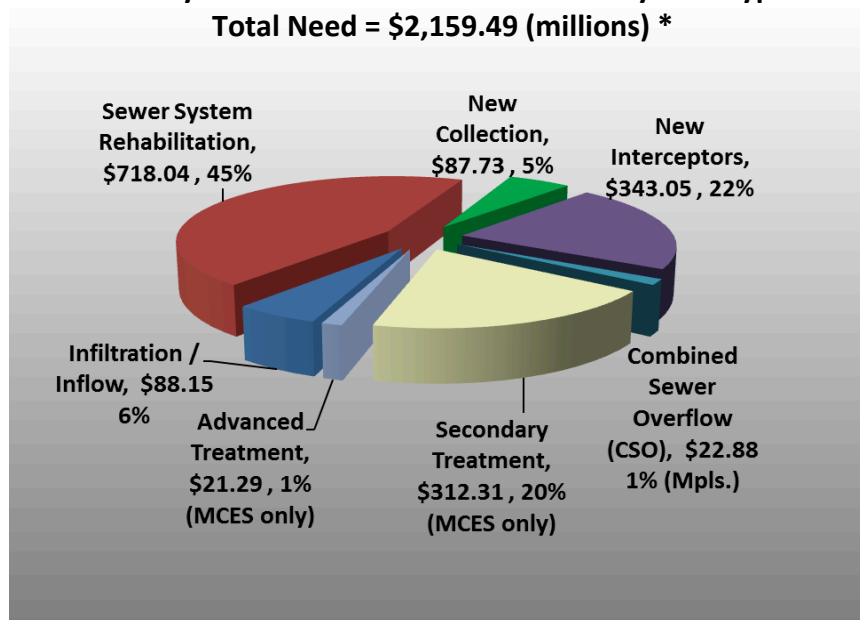


Chart 7: MCES & MCES Service Area Communities Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type – Total Need = \$2,159.49 (millions) *

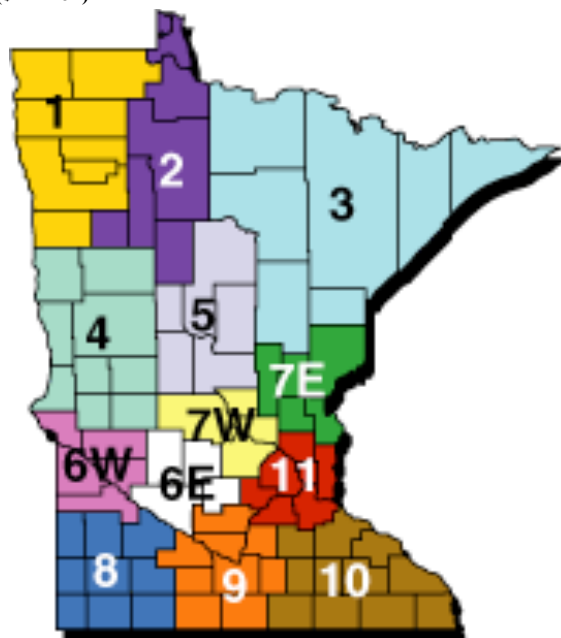


* The comparatively low percentages for “New Collection” may be influenced by a widespread local community policy of requiring residential developers to incorporate wastewater collection construction into development projects. Consequently such capital costs are not reported to the WINS survey which only identifies *public* needs. Also note that approximately 95% of the \$343.05 of New Interceptor needs is attributable to MCES.

Needs by Economic Development Region (EDR)

Table 1: Projected Wastewater Infrastructure Needs by Minnesota's Economic Development Regions

Economic Development Regions (EDR)	Projected Wastewater Infrastructure Needs (\$ million)
1	44.79
2	53.74
3	406.21
4	182.83
5	118.66
6E	140.43
6W	54.16
7E*	120.78
7W*	318.48
8	231.27
9	132.07
10	376.17
11**	1,807.16
Statewide Total: <u>3,986.77</u>	



EDR # 1	Lake of the Woods	Clay	Wadena	EDR # 7E	Cottonwood	Le Sueur	Olmsted
Kittson	Marshall	Douglas	EDR # 6E	Chisago	Jackson	Martin	Rice
Norman	Mahnomen	Grant	Kandiyohi	Isanti	Lincoln	Nicollet	Steele
Pennington	EDR # 3	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

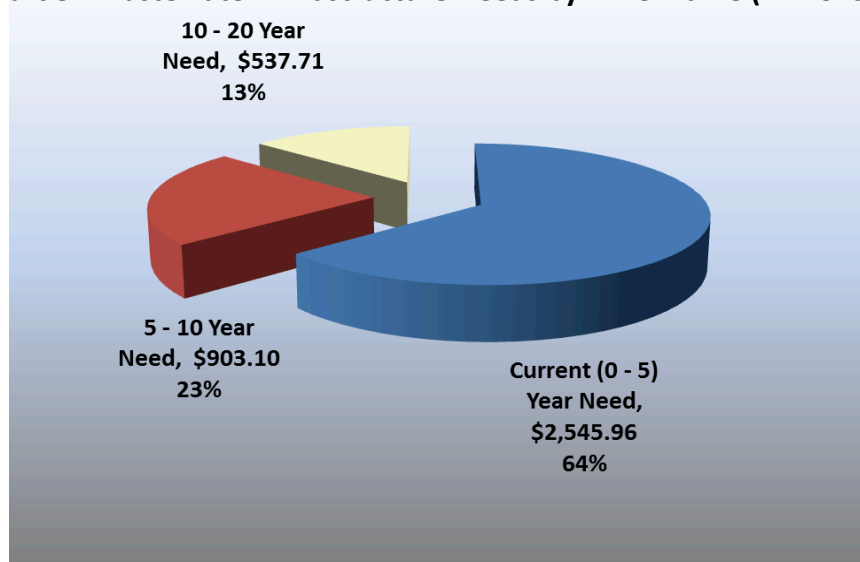
* EDRs 7E & 7W include three Twin Cities Metro Counties: Chisago, Sherburne, and Wright

** Twin Cities Metropolitan Area (includes Metropolitan Council Environmental Services (MCES), MCES Service Area Communities and also a number of projects in exurban communities being integrated into 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 underrepresented, 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 (millions)



Completed Wastewater Infrastructure Projects 2012 - 2013

During the two year period from January 1, 2012 through December 31, 2013 a total of three hundred seventy two (372) wastewater infrastructure projects were completed throughout Minnesota for a total cost of \$1,090.59 million. The distribution of costs and projects between Greater Minnesota, MCES and MCES service area communities are as indicated on the chart below. Note that costs are overall project totals for projects completed during the time period indicated. Multi-year projects may have been initiated and costs incurred prior to January 1, 2012.

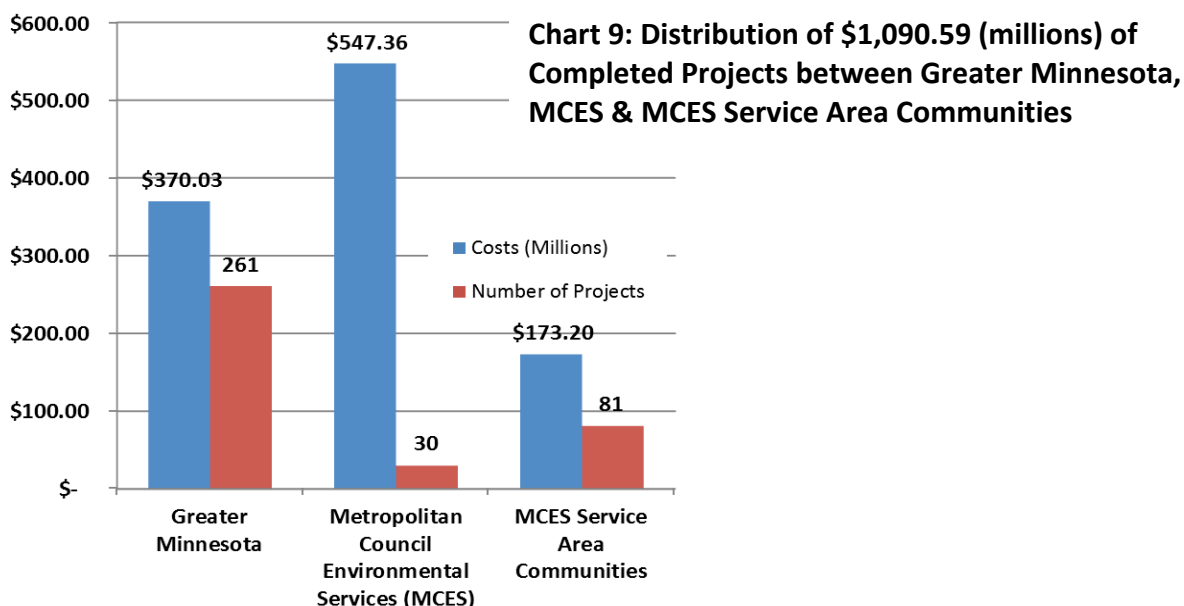


Chart 10 indicates that from Jan. 1, 2012 to Dec. 21, 2013 Greater Minnesota improvements focused on sewer system rehabilitation (along with I/I correction) and on rehabilitation and improvement of secondary treatment

Chart 10: Distribution of \$370.03 (millions) of Completed Projects in Greater Minnesota

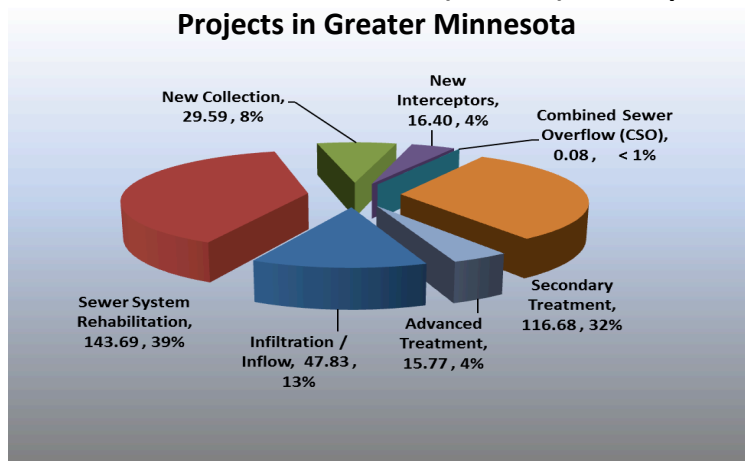


Chart 11 indicates improvements by MCES Service Area Communities from Jan. 1, 2012 through Dec. 31, 2013 focused primarily on sewer rehabilitation

Chart 11: Distribution of \$173.20 of Completed Projects in the MCES Service Area (in millions)

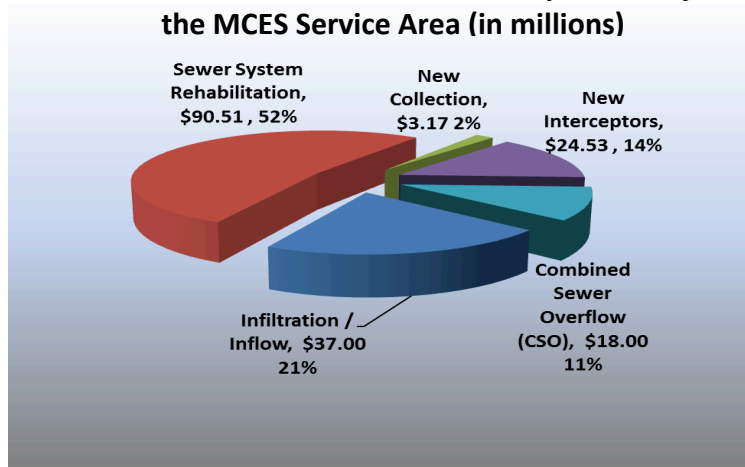
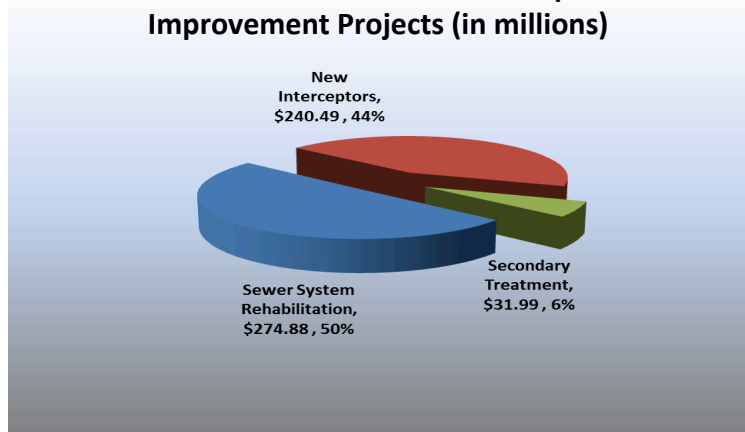


Chart 12 indicates construction by MCES from Jan. 1, 2012 through Dec. 31, 2013 focused on interceptor rehab.

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



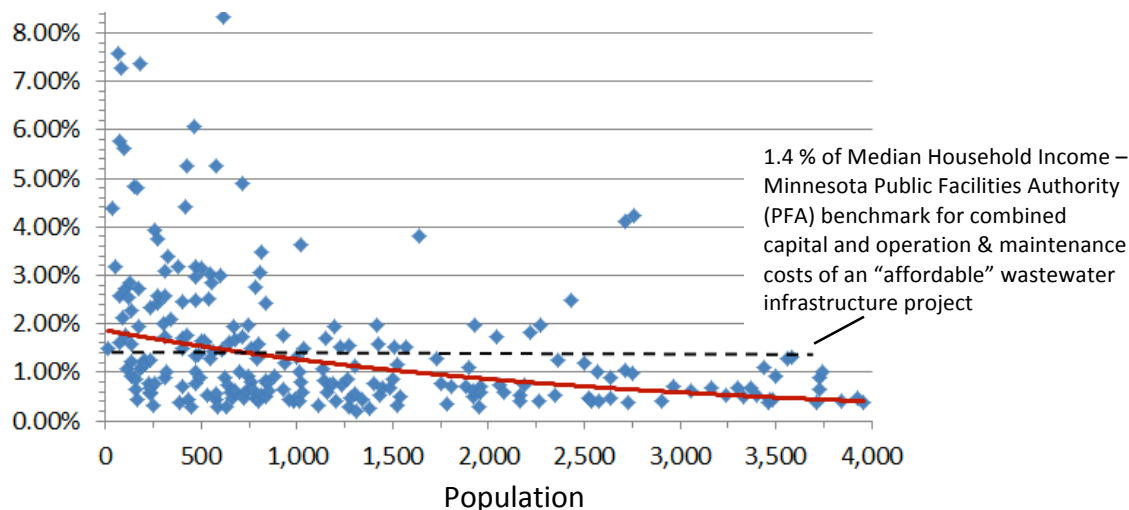
Wastewater Infrastructure Needs, Household Costs and Affordability

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 3.5 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 regression analysis illustrating the relationship between population and household costs. Costs are for current (0 – 5 yrs.) infrastructure projects identified in 2013 WINS as necessary to meet existing identified sewer and wastewater treatment capital needs along with annual operation and maintenance costs. These combined household costs are presented as a percentage of annual median household income (2010 U.S. Census). The graph indicates the pronounced effect of economies of scale on household costs and affordability. The Minnesota Public Facilities Authority (PFA) uses 1.4% of median household income as a wastewater costs affordability index for Minnesota communities. As indicated, a community characteristically needs a population of approximately 750 to achieve an affordability index of 1.4%.

**Chart 13: Current Wastewater Infrastructure Projects:
Household Capital and Operational Cost as a Percentage (%)
of Median Household Income for Communities
according to Population**



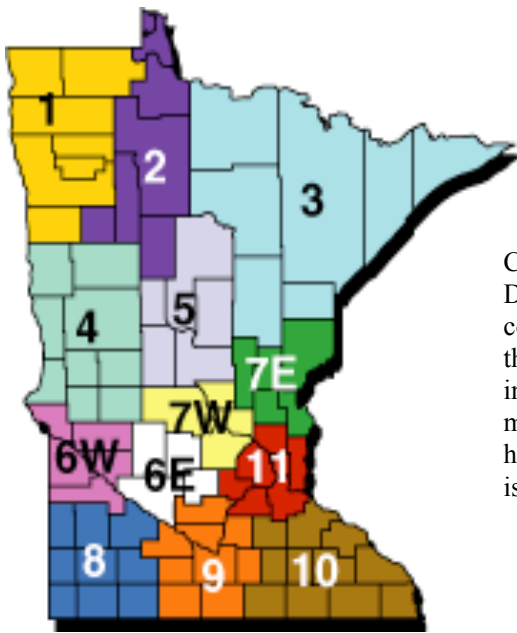
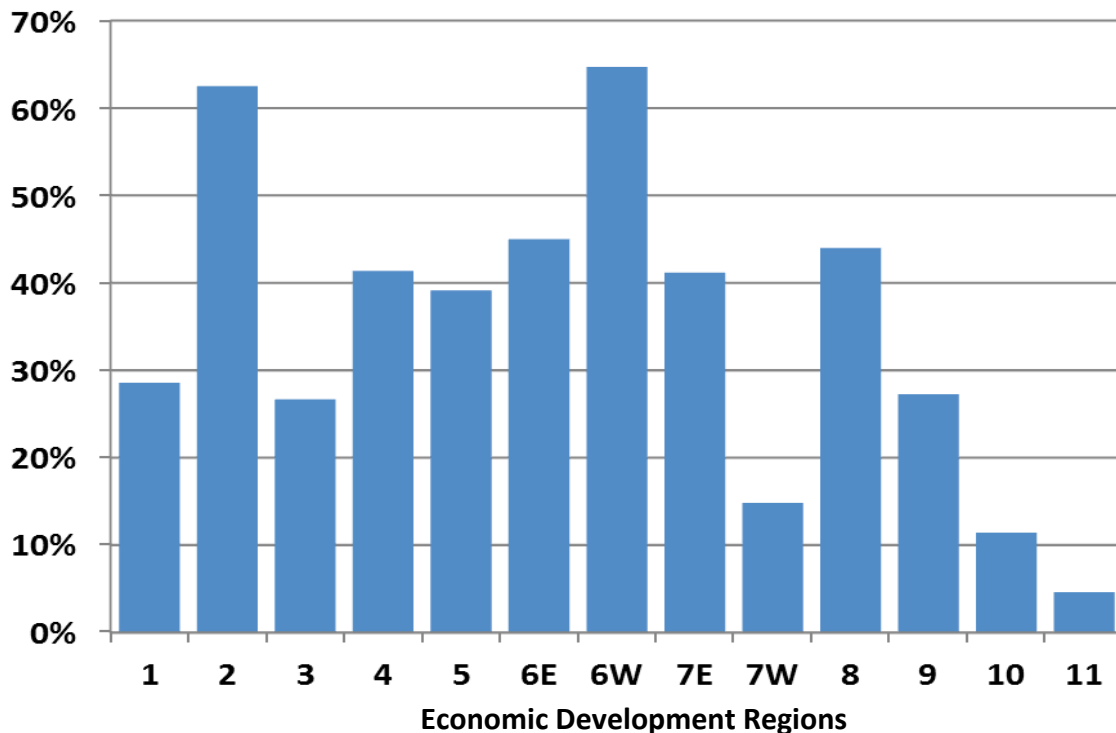


Chart 14 below indicates within each Economic Development Region (EDR) the percentage of communities responding to the WINS survey where the cost of paying for current (0 – 5 yrs.) wastewater infrastructure needs along with operating and maintenance costs exceed 1.4 percent of median household income. (A table listing counties by EDR is provided on page 17)

Chart 14: Percentage of Communities with Wastewater Infrastructure Needs Exceeding 1.4% 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."³ 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 & 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, 43% of sewers in Greater Minnesota are less than 30 years old, 25% are 30 – 50 years old, and 32% of Greater Minnesota sewers were installed over 50 years ago.

Sewers installed over fifty years ago are frequently beyond their useful life in part because many such systems were 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.

³ Available at the ASCE website: <http://www.infrastructurereportcard.org/fact-sheet/wastewater>

**Chart 15: Greater Minnesota - Age of Collection Sewer Systems
(9,580 miles of sewers surveyed)**

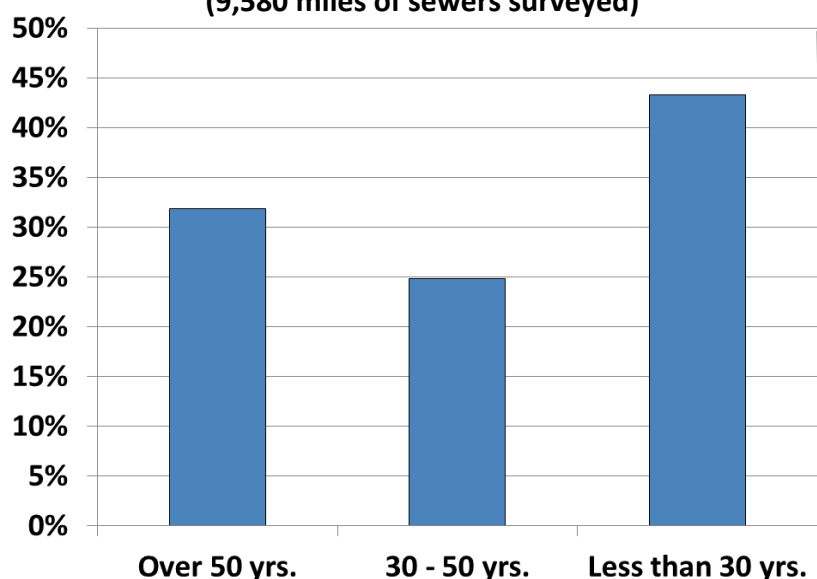
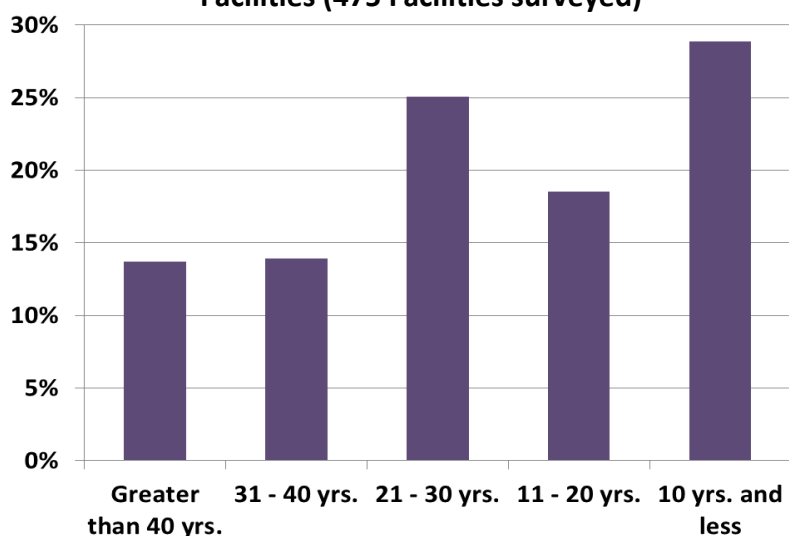


Chart 16 “Greater Minnesota Age of Wastewater Treatment Facilities” indicates the age of treatment facilities in Greater Minnesota.

**Chart 16: Greater Minnesota - Age of Wastewater Treatment
Facilities (475 Facilities surveyed)**



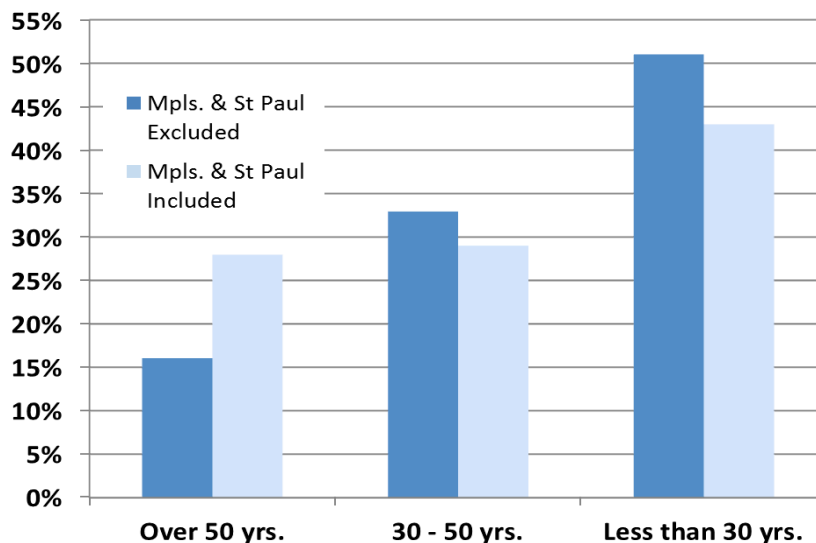
Major structural components of wastewater treatment facilities have an expected useful life of 40 years – dependent in part on operation and maintenance. As these structures deteriorate beyond their useful life effectiveness declines leading to a greater potential for: permit violations, spills and related unintended discharges and additional operational and maintenance expenses. While at this point in time 14% of Greater Minnesota’s treatment facilities are over 40 years old, in ten years without reconstruction projects the percentage would reach approximately 28%. 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 overall scale and the extensive revenue base of

MCES, the MCES system is managed for scheduled rehabilitation and improvements according to extensive long term capital improvement planning. 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 and including Minneapolis & St. Paul (MSP), is indicated by Chart 17 “MCES Communities (Excluding & Including MSP) Age of Collection Sewer Systems”

**Chart 17: MCES Communities (Excluding & Including MSP) –
Age of Collection Sewer Systems**

- MCES Communities (Excluding MSP) – 7,339 miles of sewers
- MSP – 1,580 miles of sewers



The *dark blue bars* in Chart 17 indicate the age of Twin Cities Metropolitan Area community collection sewer systems with Minneapolis and St. Paul *excluded*. The *light blue 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 rehabilitating and replacing older sewers. Accordingly, in the Twin Cities Metropolitan Area outside of the cities of Minneapolis and St. Paul, 14% of collection sewers (1,178 miles) were installed 50 or more years ago. These sewers are primarily in first-ring suburbs and the cities of Stillwater and Hastings. While recognizing the economies of scale of the communities involved rehabilitating and replacing these aged sewers continues to be a significant capital investment for these cities.

The age of the collection sewer systems and wastewater treatment facilities of specific communities as reported in the 2013 WINS survey are provided in Appendix 6.

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:

- 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 one-thousand residents, it becomes increasingly feasible for communities and sanitary districts to engage in capital improvement planning for wastewater infrastructure. A comprehensive approach implemented by a number of communities – known as *Asset Management Planning* – involves carefully maintaining while closely monitoring system components to gain the efficiencies of maximum useful life and systematic, scheduled replacement. Smaller communities that are not faced with an immediate need tend to lack the resources required to exercise the technical and administrative capabilities necessary to survey and plan for infrastructure improvements. For additional comments on estimating future costs please see Appendix 5: Survey Responses and Methodological Considerations

Average Monthly Residential Sewer Charges

Responding to the 2013 WINS Survey, six-hundred sixty-five (665) 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 *monthly* 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 7 Average Monthly Residential Sewer Charges*.

Greater Minnesota					
Community Pop.	Average	Median	High	Low	Range
Under 500	\$ 28.82	\$ 28.33	\$ 82.75	\$ 1.67	\$ 81.08
500 to 999	\$ 34.38	\$ 32.23	\$ 185.00	\$ 5.00	\$ 180.00
1,000 to 2,499	\$ 34.71	\$ 33.31	\$ 77.30	\$ 8.38	\$ 68.92
2,500 to 4,999	\$ 32.98	\$ 33.15	\$ 55.43	\$ 11.70	\$ 43.73
5,000 to 9,999	\$ 35.12	\$ 31.82	\$ 83.33	\$ 9.24	\$ 74.09
10,000 to 24,999	\$ 28.18	\$ 28.09	\$ 46.50	\$ 15.37	\$ 31.13
25,000 and Over	\$ 25.94	\$ 26.67	\$ 42.69	\$ 14.08	\$ 28.61
MCES Service Area (All Communities)					
	Average	Median	High	Low	Range
	\$ 21.42	\$ 19.67	\$ 54.20	\$ 9.65	\$ 44.55

Variability of Residential Sewer Charges

The overall *range* of sewer charges collected by Minnesota communities is considerable. The City of Lanesboro, which has the highest reported residential sewer charges in the State (as reported in 2013 WINS) collected \$185.00 monthly as compared to several communities that charge less than \$2.50 monthly. While this is the most dramatic contrast, *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 25,000 and over and yet even for this group the highest charge is over 3 times the lowest. Moreover even if we exclude the range of charges of 37 times (from lowest to highest) represented by Lanesboro (i.e., Greater Minnesota Communities with populations 500 to 999) and substitute the next highest monthly charge of \$116.25 (Clear Lake) for this group, the typical range as identified in the table for Greater Minnesota is that the highest charge is 13 times the lowest while for the MCES communities the value is over 5. 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. Here are a number of factors that help to account for the variability of charges:

- **Stage in the Life Cycle** – 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 it's 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. Such differences in stage of the life cycle can result in what are perhaps the most dramatic contrasts in sewer charges.
- **Economies of Scale** – In constructing wastewater infrastructure, particularly treatment facilities, 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 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. As a result residential customers in smaller communities will likely face higher sewer charges.

- **Population Densities & 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, developed St. Paul or Minneapolis neighborhood where residential structures are adjacent, on small lots and streets are laid out on a grid – as compared to a suburban or exurban community with very large lots, winding streets or a community built up around a lake or a small town with scattered development. Clearly the older city grid structure will have lower capital and maintenance costs which should affect residential sewer charges.
- **Meeting Permit Requirements** – Treatment facilities that fail to meet NPDES or SDS discharge permit requirements – releasing insufficiently treated discharges and excessive volumes -- can, at least in the short term, be less expensive to operate, resulting in lower sewer charges. Treatment facilities fail to meet discharge requirements because of some combination of an inadequate physical plant (deteriorated structures or insufficient capacities) or failure to operate and maintain the plant properly. Failure to meet permit requirements can also be brought about by a collection sewer system where excessive infiltration and inflow results in unauthorized discharges from a treatment facilities overwhelmed by the volume of wastewater. The apparent cost “savings” of failing to meet permit requirements will actually result in higher overall costs because of fines and other penalties and because of costs of rehabilitating or replacing neglected treatment and collection systems.
- **Advanced Treatment** – Implementation of the EPA – TMDL program to restore, protect and preserve Minnesota’s water resources will result in permit requirements to reduce the discharge 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 the planned and systematic operation and maintenance of treatment facilities and collection systems structures to ensure that structures and equipment will achieve their maximum service life. While as prudent management asset management can have both short and long term benefits (e.g., avoiding the premature replacement of a major pump or the deterioration of a tank or other major capital structure) avoiding such costly failures can result in somewhat increased ongoing operational and maintenance costs. Conversely, without effective asset management the costs of reoccurring failures and emergencies can quickly increase residential sewer charges.
- **Recover of Costs through Assessments & 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 when added up the actual overall cost per residential connection is the same.
- **Subsidizing Wastewater Costs** – Although as a rule Minnesota communities operate wastewater utilities as dedicated 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 2014 Future Wastewater Infrastructure Needs and Capital Costs are bound as a separate document available upon request. The Table of Contents above (page 4) briefly describes the Appendices. The Report and the Appendices will also be available early 2014 at the following location on the MPCA web site:

<http://www.pca.state.mn.us/index.php/about-mpca/legislative-resources/legislative-reports/index.html#2014>

Appendix 1: 2013 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 962	\$0.50
	Kennedy 158	\$0.32
	Lancaster 286	\$0.10
		\$0.92
Marshall		
	Grygla 233	\$0.15
	Oslo 311	\$0.58
	Stephen 720	\$3.60
	Viking 82	\$1.30
	Warren 1,900	\$3.85
		\$9.48
Norman		
	Borup 97	\$2.51
	Twin Valley 833	\$0.40
		\$2.91
Pennington		
	St Hilaire 232	\$1.91
	Thief River Falls 8,563	\$1.35
		\$3.26
Polk		
	Climax 256	\$2.91
	Crookston 7,887	\$1.19
	East Grand Forks 8,458	\$11.74
	Erskine 494	\$0.41
	Fertile 851	\$0.27

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Fosston	1,752	\$0.96
	Mentor	150	\$1.85
	Nielsenville	182	\$0.15
			<hr/>
			\$19.47
Red Lake			
	Red Lake Falls	1,447	\$0.68
			<hr/>
			\$0.68
Roseau			
	Greenbush	722	\$0.08
	Warroad	2,039	\$8.00
			<hr/>
			\$8.08
<hr/>			
Economic Development Region: 1			
Total Estimated Costs to address identified needs:			\$44.79 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 2010 Census.

Appendix 1: 2013 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 2,640	\$0.90
	Hayfield 1,222	\$4.80
	Kasson 5,807	\$6.94
	Mantorville 1,175	\$2.10
		\$14.74
Fillmore		
	Fillmore County	\$1.21
	Fountain 404	\$1.51
	Mabel 761	\$2.26
	Ostrander 303	\$0.50
	Rushford 1,918	\$0.40
	Whalan	\$1.01
	Wykoff 560	\$1.63
		\$8.53
Filmore		
	Chatfield 1,679	\$4.45
		\$4.45
Freeborn		
	Albert Lea 18,046	\$6.21
	Albert Lea - Stables Area	\$7.18
	Freeborn County - Stables Are	\$5.40
	Glenville 660	\$0.06
	Hartland 281	\$0.34
	Hayward 166	\$0.18
	Manchester	\$3.21

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Myrtle	45	\$2.55
			<hr/>
			\$25.12
Goodhue			
	Cannon Falls	4,073	\$5.00
	Dennison	137	\$0.09
	Goodhue	1,111	\$0.06
	Kenyon	1,959	\$1.83
	Pine Island	2,533	\$0.02
	Randolph	. . . . .	\$7.43
	Red Wing	16,447	\$11.97
	Wanamingo	1,013	\$1.10
			<hr/>
			\$27.49
Houston			
	Brownsville	638	\$1.21
	Caledonia	2,880	\$3.00
	La Crescent	4,867	\$1.08
			<hr/>
			\$5.29
Mower			
	Adams	800	\$0.01
	Austin	24,559	\$12.60
	Austin Twp	991	\$1.18
	Grand Meadow	985	\$0.18
	Lansing Twp	. . . . .	\$1.29
	Lansing Twp 2 (Woodhaven,	. . . . .	\$3.20
	Le Roy	922	\$1.20
	Racine	449	\$0.71
	Red Rock Twp	723	\$0.13
	Rose Creek	470	\$0.62
			<hr/>
			\$21.13

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Olmsted

Cascade Twp	2,838	\$0.50
Oronoco	. . . . .	\$2.40
Oronoco Twp	2,121	\$0.59
Rochester	105,576	\$132.15
		<hr/>
		\$135.64

Rice

Dundas	1,337	\$0.90
Faribault	23,195	\$5.60
Lonsdale	3,466	\$9.05
Northfield	18,608	\$5.95
Rice County	. . . . .	\$5.49
		<hr/>
		\$26.99

Steele

Aurora Twsp - Bixby	. . . . .	\$0.23
Blooming Prairie	1,919	\$5.20
Ellendale	654	\$1.21
Medford	1,274	\$0.03
Owatonna	25,456	\$77.05
		<hr/>
		\$83.71

Wabasha

Lake Twp	. . . . .	\$5.73
Mazeppa	675	\$0.50
Plainview	3,332	\$0.50
Wabasha	2,532	\$0.09
Zumbro Falls	166	\$0.75
		<hr/>
		\$7.58

Winona

Dresbach Twp	527	\$4.70
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** Population from 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Goodview	4,003	\$7.25
Lewiston	1,779	\$0.04
Stockton	885	\$2.00
Winona	27,671	\$1.53
		\$15.51

Economic Development Region: 10

Total Estimated Costs to address identified needs: \$376.17 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 2010 Census.

Appendix 1: 2013 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)
	MCES - Metro Council Env. S	\$1,142.34
		\$1,142.34
Anoka		
	Andover 30,371	\$4.96
	Anoka 17,357	\$0.25
	Bethel 470	\$4.00
	Columbia Heights 19,532	\$0.50
	East Bethel 11,621	\$2.45
	Fridley 27,394	\$0.08
	Ham Lake 15,112	\$2.00
	Lino Lakes 19,996	\$0.17
	St Francis 7,026	\$12.00
	St Francis - East & West Facil 7,218	\$11.24
		\$37.64
Carver		
	Carver 3,519	\$9.40
	Chanhassen 23,000	\$9.32
	Chaska 23,429	\$0.30
	Cologne 1,489	\$2.40
	Hamburg 610	\$2.93
	Laketown Twp 2,304	\$0.37
	Mayer 1,306	\$0.79
	New Germany 421	\$8.43
	Waconia 10,429	\$5.88

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Watertown	4,140	\$13.30
			<hr/>
			\$53.12
Dakota			
	Apple Valley	49,020	\$1.30
	Biscay	. . . . .	\$1.21
	Burnsville	60,699	\$2.44
	Farmington	20,305	\$9.72
	Hampton	802	\$1.80
	Hastings	21,899	\$0.60
	Lakeville	54,951	\$7.97
	Lilydale	818	\$0.50
	Mendota Heights	11,191	\$0.74
			<hr/>
			\$26.29
Fillmore			
	Spring Park	1,538	\$0.45
			<hr/>
			\$0.45
Hennepin			
	Bloomington	82,962	\$17.77
	Brooklyn Center	29,949	\$11.79
	Brooklyn Park	74,743	\$18.91
	Crystal	22,154	\$1.50
	Dayton	4,622	\$16.50
	Eden Prairie	60,024	\$1.70
	Edina	47,790	\$10.04
	Golden Valley	20,314	\$9.00
	Hopkins	17,531	\$0.31
	Long Lake	1,951	\$0.34
	Loretto	739	\$1.29
	Maple Grove	60,241	\$2.80

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Maple Plain	1,732	\$7.91
	Minneapolis	381,833	\$69.70
	Minnetonka	49,766	\$0.58
	Minnetrista	6,157	\$1.39
	Mound	9,069	\$4.90
	Plymouth	69,963	\$19.35
	Richfield	35,053	\$0.08
	Rogers	8,122	\$15.73
	Shorewood	7,307	\$0.34
	Spring Lake Park	6,318	\$0.40
	St Louis Park	45,043	\$3.77
	Tonka Bay	1,378	\$3.80
	Wayzata	3,717	\$1.40
			<hr/>
			\$221.29
Ramsey			
	Arden Hills	9,529	\$1.08
	Falcon Heights	5,307	\$1.55
	Little Canada	9,722	\$0.25
	Maplewood	37,572	\$0.66
	Mounds View	12,162	\$1.10
	New Brighton	21,444	\$0.30
	North St Paul	11,450	\$0.95
	Roseville	33,497	\$19.90
	Shoreview	25,023	\$7.07
	St Paul	283,991	\$175.80
	Vadnais Heights	12,313	\$0.75
	White Bear Twp	10,910	\$1.11
			<hr/>
			\$210.50

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Scott

Belle Plaine	6,501	\$16.33
Elko New Market	3,845	\$12.10
Jordan	5,418	\$5.06
New Prague	7,321	\$40.30
Prior Lake	22,570	\$1.29
Savage	26,897	\$5.79
Shakopee	36,110	\$0.88
		\$81.75

Washington

Afton	2,905	\$3.97
Bayport	3,465	\$0.44
Birchwood	870	\$0.12
Forest Lake	18,077	\$0.75
Hugo	12,685	\$0.26
Lake Elmo	7,997	\$14.90
Mahtomedi	7,718	\$8.18
Newport	3,487	\$1.05
Oak Park Heights	4,317	\$0.60
Woodbury	60,737	\$3.50
		\$33.78

Economic Development Region: 11

Total Estimated Costs to address identified needs: \$1,807.16 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 2010 Census.

Appendix 1: 2013 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 13,354	\$6.53
	Bemidji Twp 3,149	\$0.35
	Blackduck 783	\$3.17
	Kelliher 322	\$1.65
	Northern Twp 4,614	\$3.53
		\$15.22
Clearwater		
	Bagley 1,416	\$4.86
	Clearbrook 600	\$4.54
	Gonvick 342	\$2.10
		\$11.50
Hubbard		
	Akeley 378	\$3.30
	Laporte 193	\$0.35
	Park Rapids 3,742	\$3.52
		\$7.17
Lake of the Woods		
	Baudette 1,237	\$7.36
	Lake of the Woods County	\$7.00
		\$14.36
Mahnomen		
	Mahnomen 1,526	\$1.99
	Waubun 435	\$3.50
		\$5.49

Economic Development Region: 2

Total Estimated Costs to address identified needs: \$53.74 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 2010 Census.

Appendix 1: 2013 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 2,636	\$6.32
	Hill City 503	\$0.60
	McGrath 72	\$0.50
	Palisade 174	\$0.83
		\$8.25
Carlton		
	Big Lake Area SD - Fond du	\$14.00
	Carlton 833	\$0.38
	Cloquet 12,076	\$1.45
	Cromwell 138	\$0.80
	Moose Lake 2,715	\$4.50
	Moose Lake Windemere Area	\$0.66
	Scanlon 1,022	\$1.05
	Wrenshall	\$0.09
	Wright	\$1.60
		\$24.51
Cook		
	Grand Marais 1,136	\$2.90
		\$2.90
Itasca		
	Bigfork 473	\$1.56
	Bovey 843	\$0.54
	Calumet 367	\$2.57
	Cohasset 2,675	\$2.00
	Coleraine 1,917	\$1.20

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Deer River	1,032	\$1.80
	Grand Rapids	10,833	\$25.04
	Keewatin	1,142	\$0.51
	Nashwauk	983	\$4.00
	Taconite	. . . . .	\$0.38
	Warba	164	\$2.39
			<hr/>
			\$41.97
Koochiching			
	Big Falls	199	\$1.10
	International Falls	6,427	\$15.00
	Koochiching County	. . . . .	\$15.00
	Littlefork	656	\$0.43
	North Koochiching SD	. . . . .	\$12.08
	Northome	202	\$9.98
			<hr/>
			\$53.58
Lake			
	Beaver Bay	110	\$0.08
	Lake County	. . . . .	\$0.98
	Silver Bay	2,081	\$1.70
	Two Harbors	3,729	\$3.46
			<hr/>
			\$6.22
St Louis			
	Aurora	1,682	\$2.48
	Babbitt	1,300	\$0.27
	Biwabik	1,150	\$5.36
	Buhl	. . . . .	\$3.43
	Canosia & Grand Lake Towns	. . . . .	\$8.80
	Central Iron Range Sanitary D	. . . . .	\$4.50
	Chisholm	4,962	\$0.91

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Coleraine, Bovey, Taconite Jo		\$8.66
Cook	780	\$0.04
Cotton Twp	543	\$0.65
Crane Lake Water & Sanitary		\$3.86
Duluth	86,177	\$26.60
Duluth - North Shore Sanitary		\$1.76
Ely	3,502	\$3.95
Eveleth	3,732	\$5.24
Floodwood	519	\$0.85
French Twp	445	\$0.54
Gilbert	1,881	\$2.51
Grand Lake Twp	2,746	\$1.45
Hermantown	9,267	\$0.29
Hibbing	16,395	\$2.00
Kabetogama Twp	179	\$1.50
Knife River-Larsmont Sanitar		\$9.00
Proctor		\$1.25
Rice Lake Twp	4,080	\$0.41
St Louis County - Midway To		\$2.30
Tower	483	\$1.41
Tower - Brietung Wastewater		\$2.33
Virginia	8,742	\$1.50
Western Lake Superior Sanita		\$164.24
White Twp		\$0.32
Winton	152	\$0.39
		<hr/> \$268.77

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** Population from 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region: 3

Total Estimated Costs to address identified needs: \$406.21 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 2010 Census.

Appendix 1: 2013 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		
	Callaway 231	\$0.11
	Detroit lakes 8,507	\$31.66
	Frazee 1,398	\$0.69
	Lake Park 795	\$3.28
	Lake View Twp 1,846	\$1.50
		\$37.25
Clay		
	Barnesville 2,524	\$1.44
	Dilworth 3,925	\$0.98
	Felton 131	\$0.68
	Hawley 1,936	\$0.72
	Hitterdal 205	\$0.83
	Moorhead 37,358	\$23.86
	Sabin 631	\$0.01
		\$28.49
Douglas		
	Alexandria Lakes Area Sanitar	\$9.60
	Carlos 592	\$0.01
	Evansville 665	\$2.38
	Osakis 1,599	\$6.85
		\$18.85
Grant		
	Ashby 472	\$1.49
	Elbow Lake 1,274	\$4.15
		\$5.64

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Otter Tail

Battle Lake	813	\$0.10
Clitherall	78	\$1.82
Dalton	312	\$1.98
Deer Creek	257	\$0.33
Dent	199	\$2.00
Henning	834	\$3.54
New York Mills	1,500	\$1.12
Ottertail	. . . . .	\$3.76
Pelican Group of Lakes Impro	. . . . .	\$16.95
Pelican Rapids	2,716	\$19.81
Perham	2,968	\$2.62
		<hr/>
		\$54.02

Pope

Glenwood	2,570	\$3.85
Pope County	. . . . .	\$1.46
Starbuck	1,234	\$0.88
Villard Area Lakes SD	. . . . .	\$8.91
		<hr/>
		\$15.10

Renville

Foxhome	85	\$0.75
		<hr/>
		\$0.75

Stevens

Morris	5,286	\$0.35
		<hr/>
		\$0.35

Traverse

Browns Valley	580	\$5.36
Dumont	65	\$3.24
Wheaton	1,531	\$2.00
		<hr/>
		\$10.60

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** Population from 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Wilkin

Breckenridge	3,401	\$5.20
Doran	24	\$1.95
Rothsay	259	\$4.64
		\$11.79

Economic Development Region: 4

Total Estimated Costs to address identified needs: \$182.83 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 2010 Census.

Appendix 1: 2013 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 380	\$3.01
	Cass County	\$3.20
	Cass Lake 676	\$2.09
	Federal Dam 135	\$0.09
	Longville 119	\$0.75
	Walker 926	\$3.20
		\$12.34
Crow Wing		
	Baxter 7,471	\$7.69
	Brainerd 13,715	\$1.54
	Brainerd-Baxter	\$26.00
	Crosby 2,186	\$0.30
	Cross Lake Area Water & San	\$0.20
	Cuyuna 273	\$1.64
	Deerwood 404	\$0.15
	DeGraff	\$3.07
	Emily 758	\$1.98
	Nisswa 2,261	\$7.20
	North Long Lake Sewer Distri	\$0.84
	Pequot Lakes 2,162	\$5.90
		\$56.52
Morrison		
	Royalton 1,068	\$1.98
	Upsala 529	\$0.16
		\$2.13

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Todd

Browerville	715	\$9.38
Burtrum	129	\$0.90
Clarissa	765	\$0.19
Eagle Bend	497	\$1.45
Grey Eagle	435	\$0.06
Long Prairie	3,437	\$5.06
Staples	3,103	\$6.52
		\$23.55

Wadena

Menahga	1,186	\$0.53
Sebekka	748	\$0.60
Verndale	470	\$2.60
Wadena	4,179	\$20.40
		\$24.13

Economic Development Region: 5

Total Estimated Costs to address identified needs: \$118.66 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 2010 Census.

Appendix 1: 2013 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 1,012	\$2.18
	Blomkest	\$3.30
	Green Lake Sanitary Sewer an	\$2.70
	Kandiyohi 550	\$11.75
	New London 1,267	\$1.67
	Raymond 744	\$3.95
	Spicer 1,263	\$1.24
	Whitefield Township - Svea	\$1.11
	Willmar 19,459	\$8.24
		\$36.14
McLeod		
	Brownton 709	\$0.90
	Glencoe 5,654	\$16.00
	Hutchinson 14,185	\$0.91
	Lester Prairie 1,526	\$0.07
	Silver Lake 757	\$1.50
	Stewart 642	\$22.46
	Winsted 2,360	\$6.88
		\$48.72
Meeker		
	Cedar Mills 70	\$0.30
	Cosmos 550	\$1.64
	Darwin 424	\$2.84
	Dassel 1,488	\$6.79

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Eden Valley	534	\$0.75
	Forest City Township	. . . . .	\$0.78
	Grove City	618	\$12.78
	Litchfield	6,742	\$14.86
			<hr/>
			\$40.73
Renville			
	Fairfax	1,024	\$0.42
	Hector	1,149	\$5.00
	Sacred Heart	465	\$7.50
			<hr/>
			\$12.92
St Louis			
	Franklin	646	\$1.92
			<hr/>
			\$1.92
<hr/>			
Economic Development Region: 6E			
Total Estimated Costs to address identified needs: \$140.43 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 2010 Census.

Appendix 1: 2013 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		
	Barry 9	\$0.27
	Graceville 556	\$4.54
	Odessa 107	\$0.19
	Ortonville 1,919	\$1.20
		\$6.20
Chippewa		
	Clara City 1,198	\$5.60
	Maynard 498	\$3.30
	Montevideo 5,343	\$0.04
		\$8.94
Lac qui Parle		
	Bellingham 229	\$0.28
	Dawson 1,424	\$5.20
	Louisburg	\$0.56
	Madison 1,572	\$6.01
		\$12.05
Swift		
	Benson 3,165	\$1.38
	De Graff 76	\$3.07
	Murdock 237	\$0.90
		\$5.35
Yellow Medicine		
	Canby 1,924	\$9.15
	Clarkfield 702	\$1.94
	Granite Falls 2,092	\$8.54

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Hanley Falls	275	\$1.10
Hazel Run	35	\$0.89
		<hr/> \$21.62
<hr/>		
Economic Development Region: 6W		
Total Estimated Costs to address identified needs: \$54.16 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 2010 Census.

Appendix 1: 2013 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		
	Almelund	\$0.70
	Amador Twp - Almelund SSD	\$2.74
	Center City 581	\$0.16
	Chisago County	\$0.35
	Chisago Lakes Joint Sewage T	\$0.55
	Lindstrom 4,364	\$0.94
	North Branch 10,046	\$9.00
	Rush City 3,057	\$0.86
	Shafer 884	\$1.87
	Shorewood Park Sanitary Dist	\$3.00
	Taylors Falls 929	\$0.52
	Wyoming 7,730	\$2.19
		\$22.87
Isanti		
	Cambridge 8,009	\$25.80
	Isanti 5,050	\$4.50
		\$30.30
Kanabec		
	Grasston 157	\$3.76
	Mora 3,583	\$9.32
	Ogilvie 401	\$4.34
	Quamba	\$2.91
		\$20.32
Mille Lacs		
	Milaca 2,944	\$13.13

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Onamia	965	\$0.15
	Pease	133	\$0.40
	Princeton	4,643	\$4.73
			<hr/>
			\$18.41
Pine	Askov	417	\$4.85
	Bruno	78	\$2.68
	Rutledge	301	\$1.29
	Sandstone	2,763	\$17.83
	Willow River	401	\$2.23
			<hr/>
			\$28.88
<hr/>			
Economic Development Region: 7E			
Total Estimated Costs to address identified needs:			\$120.78 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 2010 Census.

Appendix 1: 2013 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 2,576	\$19.00
	Gilman 250	\$0.01
	Sauk Rapids 12,635	\$5.31
		\$24.32
Sherburne		
	Becker 4,436	\$17.00
	Big Lake 9,867	\$20.30
	Clear Lake - Clearwater Sewer	\$0.65
	Elk River 22,790	\$11.30
	Zimmerman 5,091	\$10.20
		\$59.45
Stearns		
	Albany 2,501	\$7.10
	Avon 1,264	\$0.10
	Belgrade 793	\$1.31
	Brooten 753	\$0.35
	Cold Spring 3,960	\$6.15
	Kimball 716	\$4.15
	Melrose 3,559	\$8.00
	New Munich 318	\$0.58
	Richmond 1,432	\$0.57
	Sartell 15,175	\$31.94
	Sauk Centre 4,293	\$0.80
	St Cloud 65,986	\$44.22

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	St Joseph	6,383	\$11.70
	St Martin	312	\$3.22
	St Stephen	808	\$9.52
	Waite Park	6,729	\$0.72
			<hr/>
			\$130.43
Wright			
	Albertville	6,790	\$1.68
	Annandale	3,238	\$1.23
	Buffalo	15,127	\$4.91
	Cokato	2,749	\$4.40
	Delano	5,401	\$1.00
	Hanover	2,171	\$10.47
	Howard Lake	1,506	\$4.50
	Maple Lake	1,960	\$1.51
	Monticello	12,506	\$29.80
	Montrose	2,726	\$8.71
	Rockford	3,890	\$3.20
	Silver Creek Twp	. . . . .	\$9.10
	St Michael	15,896	\$23.78
			<hr/>
			\$104.28
<hr/>			
Economic Development Region: 7W			
Total Estimated Costs to address identified needs:		\$318.48	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 2010 Census.

Appendix 1: 2013 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		
	Mountain Lake 2,270	\$11.48
		\$11.48
Jackson		
	Jackson 3,300	\$1.45
	Lakefield 1,641	\$17.22
		\$18.67
Lincoln		
	Ivanhoe 542	\$3.30
	Lake Benton 674	\$2.74
		\$6.04
Lyon		
	Balaton 676	\$0.34
	Cottonwood 992	\$0.33
	Marshall 13,534	\$31.10
	Minneota 1,301	\$2.65
	Tracy 2,056	\$20.00
		\$54.42
Murraray		
	Lime Creek	\$0.56
		\$0.56
Murray		
	Chandler 237	\$0.25
	Hadley 73	\$1.15
	Slayton 2,162	\$0.07
		\$1.47
Nobles		

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Dundee	72	\$2.90
	Ellsworth	470	\$0.56
	Worthington	12,531	\$5.24
			<hr/>
			\$8.71
Pipestone			
	Edgerton	1,277	\$0.05
	Ihlen	51	\$0.48
	Pipestone	4,304	\$11.15
	Trosky	102	\$0.86
			<hr/>
			\$12.54
Redwood			
	Lamberton	938	\$1.78
	Lucan	180	\$4.61
	Milroy	201	\$0.50
	Morgan	1,023	\$9.45
	Redwood Falls	5,254	\$3.51
	Walnut Grove	812	\$5.07
			<hr/>
			\$24.92
Rock			
	Hardwick	157	\$0.02
	Luverne	4,690	\$92.45
			<hr/>
			\$92.47
<hr/>			
Economic Development Region: 8			
Total Estimated Costs to address identified needs:		\$231.27	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 2010 Census.

Appendix 1: 2013 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) (millions)	
Blue Earth	Lake Crystal	2,540	\$1.00
	Mankato	38,725	\$35.98
	Mapleton	2,061	\$2.33
	South Bend Twp	1,623	\$3.56
	Vernon Center	307	\$1.58
			<hr/>
			\$44.44
Brown	Comfrey	471	\$3.25
	Essig	. . . . .	\$1.95
	Evan	31	\$0.03
	Hanska	388	\$0.01
	Sleepy Eye	3,597	\$2.25
			<hr/>
			\$7.48
Faribault	Blue Earth	3,368	\$2.51
	Easton	181	\$0.59
	Elmore	657	\$1.00
	Faribault County	. . . . .	\$1.07
	Tri-City Joint Sewer Board	. . . . .	\$0.05
	Wells	2,345	\$0.35
	Wells (for TriCity Sewer Boar	. . . . .	\$0.08
	Winnebago	1,514	\$0.10
		<hr/>	
			\$5.74
Le Sueur	Elysian	422	\$0.20

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Lake Washington Sanitary Dis	.....	\$9.25
	Le Center	2,431	\$14.56
	Le Sueur	4,084	\$0.30
	Waterville	1,808	\$2.16
			<hr/>
			\$26.47
Martin			
	Emore	.....	\$0.10
	Fairmont	10,639	\$0.05
	Northrop	274	\$2.40
	Ormsby	.....	\$3.60
	Sherburn	996	\$2.95
	Trimont	619	\$6.13
	Truman	1,159	\$0.93
			<hr/>
			\$16.16
Nicollet			
	Lafayette	577	\$0.16
	Nicollet	1,200	\$0.21
	North Makato	.....	\$2.00
	North Mankato	13,258	\$2.00
	St Peter	11,196	\$0.13
			<hr/>
			\$4.50
Sibley			
	Gaylord	2,219	\$8.00
	Henderson	814	\$1.00
	New Auburn	577	\$0.25
			<hr/>
			\$9.25
Waseca			
	Waldorf	175	\$1.31
	Waseca	9,405	\$3.92

* 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 2010 Census.

Appendix 1: 2013 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

			\$5.23
Watonwan			
Butterfield	514		\$2.00
La Salle	. . . . .		\$3.32
Lewisville	229		\$0.50
Odin	. . . . .		\$3.48
St James	4,573		\$3.50
			\$12.80
<hr/>			
Economic Development Region: 9			
Total Estimated Costs to address identified needs:			\$132.07 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 2010 Census.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Adams	COUNTY: Mower	POPULATION*:	800	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,806
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
SAP - 050 - 706 - 05		0.014		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>	
0.014	\$985		\$2.21	0.005%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Adams as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.014 (million)</i>					

Afton	COUNTY: Washington	POPULATION*:	2,905	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$100,926
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Afton		1.985		SFY 2014 PPL Sewer System Project / Rank: 47	
Afton		1.985		SFY 2014 PPL Treatment Facilities Project / Rank: 47	
<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>	
3.97	\$279,333		\$218.80	0.217%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Afton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.97 (million)</i>					

Aitkin	COUNTY: Aitkin	POPULATION*:	2,636	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,294
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2nd Ave SW Sewer/water		1.511		SFY 2014 PPL Sewer System Project / Rank: 188	
3rd Street NE Sewer Project		0.25		Sewer System Project	
1st Street NW Utility Project		1.165		Sewer System Project	
Ripple River Siphon Crossing		0.368		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>	
3.294	\$231,769		\$151.04	0.394%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- 5 - 10 yr. ---

3rd Street NW Utility Improvements	2.088	Sewer System Project
Industrial Park/NE Sewer Improvements (County 54)	0.25	Sewer System Project
1st Avenue NE Utility Improvements	0.691	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.029	\$213,123	\$138.89	0.363%

Overall cost of projects identified as of January 1, 2014 by the community of Aitkin

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.323 (million)

Akeley COUNTY: Hubbard POPULATION*: 378 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,143

Project(s) Cost Estimate (millions) Project Type / SFY 2014 PPL Listed - Rank

--- 5 - 10 yr. ---

not named	0.15	Sewer System Project
Waste Water Collection Expansion and Rehabilitation	1.5	Sewer System Project
Waste Water Treatment Expansion and Rehabilitation	1.5	Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.15	\$221,637	\$730.67	2.692%

--- 10 - 20 yr. ---

project not named	0.15	Wastewater Treatment Facilities Project
-------------------	------	---

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.15	\$10,554	\$34.79	0.128%

Overall cost of projects identified as of January 1, 2014 by the community of Akeley

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.3 (million)

Albany COUNTY: Stearns POPULATION*: 2,501 MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,667

Project(s) Cost Estimate (millions) Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

5th Street North and Golf Course	2.1	Sewer System Project
----------------------------------	-----	----------------------

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

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>
7.1	\$499,563	\$420.98	0.815%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Albany</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>7.1 (million)</i>

Albert Lea	COUNTY: Freeborn	POPULATION*: 18,046	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,792
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Lake Avenue Reconstruction -Clark to William	0.275	Sewer System Project	
Microturbine Upgrade	0.34	Wastewater Treatment Facilities Project	
Mile Avenue Forcemain Replacement	0.2	Sewer System Project	
Install Density Current Baffles	0.15	Wastewater Treatment Facilities Project	
Effluent Filter Replacement	0.1	Wastewater Treatment Facilities Project	
Northwest Water and Sewer Extension	2.1	Sewer System Project	
Project No. 0301	0.383	Sewer System Project	
Install Hazardous Environment Gas Detectors	0.23	Wastewater Treatment Facilities Project	
Park Avenue Reconstruction	0.23	Sewer System Project	
Replace Aeration Blower	0.55	Wastewater Treatment Facilities Project	
Rehabilitate Digester Heating System	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>
4.808	\$338,296	\$35.89	0.100%
--- 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	\$98,505	\$10.45	0.029%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Albert Lea

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.208 (million)

Albert Lea - Stables Ar	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Albert Lea - Stables Area		1.778	SFY 2014 PPL Sewer System Project / Rank: 83
Albert Lea - Stables Area		5.4	SFY 2014 PPL Treatment Facilities Project / Rank: 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>
7.178	\$505,051		

Overall cost of projects identified as of January 1, 2014 by the community of Albert Lea - Stables Area

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.178 (million)

Albertville	COUNTY: Wright	POPULATION*:	6,790	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$84,661
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	\$33,773	\$13.54		0.016%	
--- 5 - 10 yr. ---					
Main Ave. Reconstruct		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>	
0.46	\$32,366	\$12.98		0.015%	
--- 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	\$52,067	\$20.87		0.025%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Albertville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.68 (million)*

Alexandria Lakes Area	COUNTY: Douglas	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
CR 82 - Interceptor Improvements		1.367	SFY 2014 PPL Sewer System Project / Rank: 192	
Aerobic Digester Cell		2.205	SFY 2014 PPL Treatment Facilities Project / Rank: 193	
Year 2008 Treatment Expansion		2	Wastewater Treatment Facilities Project	
Interceptor Sewer Improvement		2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
7.572	\$532,773			
--- 5 - 10 yr. ---				
AGA Drive - Interceptor Improvements		0.706	SFY 2014 PPL Sewer System Project / Rank: 191	
TH29 - Interceptor Improvements		1.325	SFY 2014 PPL Sewer System Project / Rank: 194	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.031	\$142,903			
Overall cost of projects identified as of January 1, 2014 by the community of Alexandria Lakes Area Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.603 (million)				

Almelund	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Amador Township SSD Community of Almelund		0.35	Sewer System Project	
Amador Township SSD Community of Almelund		0.35	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.7	\$49,253			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Almelund
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7 (million)*

Amador Twp - Almelun	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Amador Twp - Almelund SSD		1.37	SFY 2014 PPL Treatment Facilities Project / Rank: 245
Amador Twp - Almelund SSD		1.37	SFY 2014 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>
2.74	\$192,789		

*Overall cost of projects identified as of January 1, 2014 by the community of Amador Twp - Almelund SSD
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.74 (million)*

Andover	****	COUNTY: Anoka	POPULATION*:	30,371	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$89,803
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
On-Going New Development Projects			0.2		Sewer System Project	
Aztec Estates Lift Station Upgrades			0.11		Sewer System Project	
Rural Reserve Trunk Sanitary Sewer			3.5		Sewer System Project	
Crosstown Boulevard Trunk sewer line			0.5		Sewer System Project	
Yellow Pine lift station			0.65		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>
4.96		\$348,991		\$31.61		0.035%

*Overall cost of projects identified as of January 1, 2014 by the community of Andover
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.96 (million)*

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

Annandale	COUNTY: Wright	POPULATION*:	3,238	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,923
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

Annandale	1.2282	SFY 2014 PPL Sewer System 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>	
1.2282	\$86,417	\$48.85	0.109%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Annandale</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2282 (million)</i>				

Anoka	****	COUNTY: Anoka	POPULATION*: 17,357	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,368
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Street Renewal		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	\$17,590	\$2.05	0.004%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Anoka 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 Anoka				

Apple Valley	****	COUNTY: Dakota	POPULATION*: 49,020	MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,767
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Lift Station # 3		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>	
0.6	\$42,217	\$1.93	0.002%	
--- 5 - 10 yr. ---				
Sanitary Lift Station #5		0.7	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>	
0.7	\$49,253	\$2.26	0.003%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Apple Valley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.3 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Apple Valley				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Arden Hills	****	COUNTY: Ramsey	POPULATION*:	9,529	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$87,581
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
Sewer Lining Rehabilitation [JRA entry from web CIP]			0.825		Sewer System Project	
Reconstruct Lift Station # 11 [JRA entry from Web CIP -			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>	
1.075		\$75,638		\$20.02	0.023%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Arden Hills</i>						
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						<i>1.075 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Arden Hills						
Ashby		COUNTY: Grant	POPULATION*:	472	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,833
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
New Sanitary Sewers - Eliminate I & I			1.49		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>	
1.49		\$104,838		\$438.86	0.958%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Ashby</i>						
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						<i>1.49 (million)</i>
Askov		COUNTY: Pine	POPULATION*:	417	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,691
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
New Treatment Facility			4.85		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>	
4.85		\$341,251		\$1,228.50	3.877%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Askov</i>						
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						<i>4.85 (million)</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Atwater	COUNTY: Kandiyohi	POPULATION*:	1,012	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,395
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
4th Street South	2.176		SFY 2014 PPL Sewer System Project / Rank: 157		
<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>	
2.176	\$153,106		\$313.17	0.621%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Atwater</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>2.176 (million)</i>

Aurora	COUNTY: St. Louis	POPULATION*:	1,682	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
N. 1st Street E. Project	0.225		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>	
0.225	\$15,831				
--- 5 - 10 yr. ---					
2015 Infrastructure Street Improvement Project	2.25		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>	
2.25	\$158,312				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Aurora</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>2.475 (million)</i>	

Aurora Twsp - Bixby	COUNTY: Steele	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank
--- Current ---			
Unsewered - New Collection	0.112		Sewer System Project
Unsewered - New Treatment	0.113		Wastewater Treatment Facilities Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.225	\$15,831		

*Overall cost of projects identified as of January 1, 2014 by the community of Aurora Twsp - Bixby
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.225 (million)*

Austin	COUNTY: Mower	POPULATION*: 24,559	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,741
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Phosphorus reduction	1	Wastewater Treatment Facilities Project	
Upgrade instrumentation	0.75	Wastewater Treatment Facilities Project	
Digester Upgrades - Domestic	3	Wastewater Treatment Facilities Project	
Turtle Creek Interceptor	0.5	Sewer System Project	
Force main replacement - Hope Street	0.75	Sewer System Project	
Admin and Laboratory Improvements	0.75	Wastewater Treatment Facilities Project	
High Rate Filters	3.5	SFY 2014 PPL Treatment Facilities Project / Rank:	172
Jetter Facility	0.1	Wastewater Treatment Facilities Project	
Eliminate State Lift Station	0.1	Sewer System Project	
Dobbins Creek Lift Station	0.1	Sewer System Project	
Sanitary Sewer Projects	0.15	Sewer System Project	
Turtle Creek 1	0.7	Sewer System Project	
Sanitary Sewer I & I	0.05	Sewer System Project	
Hope Street Alkalinity	0.1	Wastewater Treatment Facilities Project	
Standby Power	1	Wastewater Treatment Facilities Project	
Bridge Street Lift Station	0.05	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
12.6	\$886,549	\$72.99	0.184%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Austin

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12.6 (million)

Austin Twp	COUNTY:	POPULATION*:	991	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,234
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Austin Twp - Turtle Creek 2		0.315		SFY 2014 PPL Treatment Facilities Project / Rank:	126
Austin Twp - Turtle Creek 2		0.315		SFY 2014 PPL Sewer System Project / Rank:	126
Austin Twp - Turtle Creek 1		0.275		SFY 2014 PPL Sewer System Project / Rank:	28
Austin Twp - Turtle Creek 1		0.275		SFY 2014 PPL Treatment Facilities Project / Rank:	28
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.18	\$83,026		\$176.23	0.319%	

Overall cost of projects identified as of January 1, 2014 by the community of Austin Twp

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.18 (million)

Avon	COUNTY: Stearns	POPULATION*:	1,264	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$57,292
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	\$7,036		\$10.55	0.018%	

Overall cost of projects identified as of January 1, 2014 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*:	1,300	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
West Water and Sewer Extension		0.27		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.27	\$18,997	\$20.33	0.054%

*Overall cost of projects identified as of January 1, 2014 by the community of Babbitt
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.27 (million)*

Backus	COUNTY: Cass	POPULATION*: 380	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,679
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Backus	3.009	SFY 2014 PPL Sewer System Project / Rank: 75
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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>
3.009	\$211,716	\$870.07	2.662%

*Overall cost of projects identified as of January 1, 2014 by the community of Backus
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.009 (million)*

Bagley	COUNTY: Clearwater	POPULATION*: 1,416	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,833
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Bagley	1.861	SFY 2014 PPL Sewer System Project / Rank: 156
Rehab Work	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>
4.861	\$342,025	\$397.19	1.331%

*Overall cost of projects identified as of January 1, 2014 by the community of Bagley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.861 (million)*

Balaton	COUNTY: Lyon	POPULATION*: 676	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,870
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Sewer Main Lining Influent Structure	0.25	Wastewater Treatment Facilities Project
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

2013 Sewer Main Lining	0.086	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>
0.336	\$23,641	\$58.45	0.143%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Balaton</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.336 (million)</i>

Barnesville	COUNTY: Clay	POPULATION*:	2,524	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$58,409
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Downtown Area Sewer Rehabilitation		1.435		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>		
1.435	\$100,968	\$80.99	0.139%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Barnesville</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.435 (million)</i>

Barry	COUNTY: Big Stone	POPULATION*:	9	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$62,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection and Treatment - Collection		0.135		Sewer System Project	
Unsewered Collection and Treatment - Treatment		0.135		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>		
0.27	\$18,997	\$683.91	1.102%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Barry</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.27 (million)</i>

Battle Lake	COUNTY: Otter Tail	POPULATION*:	813	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,819
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Downtown	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	\$7,036	\$12.18	0.031%	

*Overall cost of projects identified as of January 1, 2014 by the community of Battle Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)*

Baudette	COUNTY: Lake of the	POPULATION*: 1,237	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,833
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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	\$258,858	\$400.99	0.875%
--- 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	\$258,858	\$400.99	0.875%
<i>Overall cost of projects identified as of January 1, 2014 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*: 7,471	MEDIAN HOUSEHOLD INCOME (MHI)*: \$59,643	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
Brentwood Circle	0.052	Sewer System Project		
North Forestview	0.5	Sewer System Project		
Lyndale Improvements	0.342	Sewer System Project		
Eagle Ridge Area	0.72	Sewer System Project		
Cypress South	0.6	Sewer System Project		
Jadewood & Jewelwood Area Improvements	0.24	Sewer System Project		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

Olivewood	0.32	Sewer System Project		
South Sanitary Sewer & Camwood Trail & Chestnut Driv	1.6	Sewer System Project		
Wildflower/Franklin	0.63	Sewer System Project		
South Forestview	0.73	Sewer System Project		
Dellwood Drive and Novotny Road Extension	0.2	Sewer System Project		
Isle Drive South Extension	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>	
6.134	\$431,594	\$124.26	0.208%	
--- 5 - 10 yr. ---				
Ashley-Baywood	0.56	Sewer System Project		
Clearwater Road	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>	
1.56	\$109,763	\$31.60	0.053%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Baxter as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			<i>7.694 (million)</i>	

Bayport	****	COUNTY: Washington	POPULATION*: 3,465	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,852
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Sewer Manhole Rehab		0.09	Sewer System Project	
2015 Manhole Rehabilitation		0.15	Sewer System Project	
2012 Sanitary Sewer Lining		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>
0.44		\$30,959	\$19.97	0.035%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Bayport as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			0.44 (million)	

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

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Beaver Bay	COUNTY: Lake	POPULATION*:	110	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,625
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Wastewater Treatment Renovations Barr-Project No. 23/3	0.075		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>	
0.075	\$5,277		\$33.21	0.130%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Beaver Bay</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.075 (million)</i>	

Becker	COUNTY: Sherburne	POPULATION*:	4,436	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,148
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Packed Tower Refurbishment	2		Wastewater Treatment Facilities Project		
Industrial WWTF Upgrade	15		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>	
17	\$1,196,137		\$711.05	1.108%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Becker</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>17 (million)</i>					

Belgrade	COUNTY: Stearns	POPULATION*:	793	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,167
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Belgrade	1.305		SFY 2014 PPL Treatment Facilities Project / Rank: 79		
<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>	
1.305	\$91,821		\$243.77	0.713%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Belgrade</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>1.305 (million)</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Belle Plaine	COUNTY: Scott	POPULATION*: 6,501	MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,375
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Annual Infrastructure Rehabilitation	0.23	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>
0.23	\$16,183	\$5.64	0.008%
--- 5 - 10 yr. ---			
South Ravine Interceptor Sewer	2.4	Sewer System Project	
Wastewater Treatment Plant Expansion	10.5	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>
12.9	\$907,657	\$316.26	0.449%
--- 10 - 20 yr. ---			
Robert's Creek Interceptor Sewer	3.2	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>
3.2	\$225,155	\$78.45	0.111%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Belle Plaine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>16.33 (million)</i>

Bellingham	COUNTY: Lac qui Parle	POPULATION*: 229	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,472
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Dredgings & Repricing	0.175	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>
0.175	\$12,313	\$80.89	0.242%
--- 5 - 10 yr. ---			
Lift Station Rehab	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	\$7,036	\$46.22	0.138%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 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)

Bemidji	COUNTY: Beltrami	POPULATION*: 13,354	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,974
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Fine Bubble Diffuser Project	1.1	Wastewater Treatment Facilities Project	
Bar Screen	0.28	Wastewater Treatment Facilities Project	
Disinfection (U.V.)	0.6	Wastewater Treatment Facilities Project	
Sludge Storage Tank with mixer	3.4	Wastewater Treatment Facilities Project	
Biological Phosphorus Removal	1.15	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>
6.53	\$459,457	\$66.92	0.197%

Overall cost of projects identified as of January 1, 2014 by the community of Bemidji

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.53 (million)

Bemidji Twp	COUNTY:	POPULATION*:	3,149	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$57,093
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Bemidji Twp		0.175		SFY 2014 PPL Sewer System Project / Rank: 63	
Bemidji Twp		0.175		SFY 2014 PPL Treatment Facilities Project / Rank: 63	
<i>Subtotal of 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		\$24,626	\$17.51	0.031%	

Overall cost of projects identified as of January 1, 2014 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*: 3,165	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,773
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Hoborn Avenue Sewer Reconstruction	0.06	Sewer System Project
11th St Rehab	0.619	Sewer System Project
I & I Benson Minnesota	0.05	Sewer System Project
12th St. Rehab 1 block	0.65	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.379	\$97,028	\$51.07	0.135%

Overall cost of projects identified as of January 1, 2014 by the community of Benson

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.379 (million)

Bethel	COUNTY: Anoka	POPULATION*: 470	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,583
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

Phase III Wastewater Expansion	2	Sewer System Project
Treatment Plant Expansion	2	SFY 2014 PPL Treatment Facilities Project / Rank: 74

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4	\$281,444	\$1,241.66	2.785%

Overall cost of projects identified as of January 1, 2014 by the community of Bethel

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4 (million)

Big Falls	COUNTY: Koochiching	POPULATION*: 199	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,167
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- 5 - 10 yr. ---

Phase II - Sanitary Sewer Reconstruction	1.1	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
1.1	\$77,397	\$382.73	1.228%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Big Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.1 (million)*

Big Lake	COUNTY: Sherburne	POPULATION*: 9,867	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,200
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Wastewater Treatment Improvements	18.5	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>
18.5	\$1,301,679	\$321.23	0.485%
--- 5 - 10 yr. ---			
TH25 & CR14 Utility Extension	1.8	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>
1.8	\$126,650	\$31.25	0.047%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Big Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 20.3 (million)</i>			

Big Lake Area SD - Fond du Lac	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Big Lake Area SD - Fond du Lac	14	SFY 2014 PPL Sewer System Project / Rank: 280	
<i>Subtotal of 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	\$985,054		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Big Lake Area SD - Fond du Lac as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 14 (million)</i>			

Bigfork	COUNTY: Itasca	POPULATION*: 473	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,917
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Treatment Pond Improvement	1.551	SFY 2014 PPL Treatment Facilities Project / Rank:	294
Ottum Ave I/I	0.006	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>
1.557	\$109,552	\$395.97	1.728%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Bigfork as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>1.557 (million)</i>

Birchwood	****	COUNTY: Washington	POPULATION*:	870	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---					
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>		
0.022	\$1,548				
--- 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	\$7,036				
<i>Overall cost of projects identified as of January 1, 2014 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>0.122 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Birchwood					

Biscay		COUNTY: McLeod	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---					
Biscay			0.607		SFY 2014 PPL Sewer System Project / Rank: 24
Biscay			0.607		SFY 2014 PPL Treatment Facilities Project / Rank: 24
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.214	\$85,418				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Biscay
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.214 (million)*

Biwabik	COUNTY: St. Louis	POPULATION*:	1,150	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,969
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Pond Expansion - 1 Primary, 1 Secondary		5.364		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>	
5.364	\$377,416		\$507.74	1.540%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Biwabik as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.364 (million)</i>					

Blackduck	COUNTY: Beltrami	POPULATION*:	783	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,934
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab. Collection System		1.587		SFY 2014 PPL Sewer System Project / Rank: 78	
Expand Ponds & Land App. Site		1.587		SFY 2014 PPL Treatment Facilities Project / Rank: 78	
<i>Subtotal of 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	\$223,326		\$495.06	1.985%	
<i>Overall cost of projects identified as of January 1, 2014 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)</i>					

Blomkest	COUNTY: Kandiyohi	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Addendum No. 1 to city of Blomkest and Svea Wastewater		3.3		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>	
3.3	\$232,191				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Blomkest
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.3 (million)*

Blooming Prairie	COUNTY: Steele	POPULATION*: 1,919	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
2nd & 3rd Street South Sewer Rehabilitation		2.922	Sewer System Project
Blooming Prairie		2.28	SFY 2014 PPL Sewer System Project / Rank: 143
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.202	\$366,018	\$388.92	

*Overall cost of projects identified as of January 1, 2014 by the community of Blooming Prairie
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.202 (million)*

Bloomington	****	COUNTY: Hennepin	POPULATION*: 82,962	MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,150
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Asset Management Projects and System I & I Work		8	Sewer System Project	
18th Avenue Sewer Upgrades (Replaces CIP-01)		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>	
11	\$773,971	\$18.54	0.031%	
--- 10 - 20 yr. ---				
Wastewater Master Plan Improvements (CIP Program)		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>	
6.77	\$476,344	\$11.41	0.019%	

*Overall cost of projects identified as of January 1, 2014 by the community of Bloomington
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 17.77 (million)*

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

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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

Blue Earth	COUNTY: Faribault	POPULATION*: 3,368	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,757
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Blue Earth	0.413	SFY 2014 PPL Sewer System Project / Rank: 1	
Ten Year Street Improvement program	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>
1.413	\$99,420	\$56.63	0.150%
--- 5 - 10 yr. ---			
Ten Year Street Improvement program	1.1	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>
1.1	\$77,397	\$44.09	0.117%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Blue Earth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.513 (million)

Borup	COUNTY: Norman	POPULATION*: 97	MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Borup	1.255	SFY 2014 PPL Treatment Facilities Project / Rank: 100	
Borup	1.255	SFY 2014 PPL Sewer System Project / Rank: 100	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.51	\$176,606	\$3,056.64	5.203%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Borup as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.51 (million)

Bovey	COUNTY: Itasca	POPULATION*: 843	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,859
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
2014 Capital Improvements Project #2	0.05	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Bovey Collection System Rehabilitation	0.45	SFY 2014 PPL Sewer System Project / Rank: 145
2014 Capital Improvements Project #3	0.042	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.542	\$38,136	\$91.53
		Annual Household Cost as % MHI
		0.255%
Overall cost of projects identified as of January 1, 2014 by the community of Bovey		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		0.542 (million)

Brainerd	COUNTY: Crow Wing	POPULATION*: 13,715	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,310
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
TH 210 Northeast Utility extension	1.54	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.54	\$108,356	\$14.70	0.050%
Overall cost of projects identified as of January 1, 2014 by the community of Brainerd			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.54 (million)

Brainerd-Baxter	COUNTY: Crow Wing	POPULATION*: 26	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,223
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Wastewater Treatment Facilities Plan	26	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
26	\$1,829,386		
Overall cost of projects identified as of January 1, 2014 by the community of Brainerd-Baxter			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			26 (million)

Breckenridge	COUNTY: Wilkin	POPULATION*: 3,401	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,223
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Phosphorus Reduction	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>	
1	\$70,361	\$38.06	0.082%	
--- 5 - 10 yr. ---				
Sanitary Sewer Rehabilitation	4.2	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>	
4.2	\$295,516	\$159.83	0.346%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Breckenridge as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>5.2 (million)</i>

Brooklyn Center ****	COUNTY: Hennepin	POPULATION*: 29,949	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,083	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
Lift Station 1 - Wet Well Improvement	0.2	Sewer System Project		
Emergency Generator Replacement for lift Station No 2	0.182	Sewer System Project		
Palmer Lake West Neighborhood Reconstruction	1.48	Sewer System Project		
Firehouse Park Area Improvements	2.408	Sewer System Project		
Sanitary Sewer Lining Along Mississippi River	0.772	Sewer System Project		
Humboldt Avenue N. (53rd to 57th) Reconstruction	0.38	Sewer System Project		
Evergreen Park Area Improvements	2.062	Sewer System Project		
Freeway Park Neighborhood Reconstruction	1.552	Sewer System Project		
63rd Avenue N. Reconstruction	0.844	Sewer System Project		
Wangstad Park Neighborhood Reconstruction	1.814	Sewer System Project		
51st Avenue (at Brooklyn Blvd)	0.094	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>	
11.788	\$829,415	\$64.80	0.135%	

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Appendix 2: 2013 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, 2014 by the community of Brooklyn Center

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.788 (million)

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

Brooklyn Park	****	COUNTY: Hennepin	POPULATION*: 74,743	MEDIAN HOUSEHOLD INCOME (MHI)*: \$61,537
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
General Rehab 2013-2018		1.4	Sewer System Project	
Growth area 2013-2018		0.855	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>	
2.255	\$158,664	\$5.27	0.009%	
--- 5 - 10 yr. ---				
Replacement of Water Metering System 2019-24		1.5	Sewer System Project	
General Rehab 2019-2029		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>	
6.5	\$457,347	\$15.19	0.025%	
--- 10 - 20 yr. ---				
Replacement of water metering system 2025 -		1.5	Sewer System Project	
General Rehab		5	Sewer System Project	
2014-18 Replacement of water metering system		0.65	Sewer System Project	
Final Growth Area 2019-2039 Build-Out		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>	
10.15	\$714,164	\$23.71	0.039%	

Overall cost of projects identified as of January 1, 2014 by the community of Brooklyn Park

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 18.905 (million)

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

Brooten	COUNTY: Stearns	POPULATION*: 753	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
--- 5 - 10 yr. ---			

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Industrial Park Improvements	0.35	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>
0.35	\$24,626	\$68.83	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Brooten</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.35 (million)</i>

Browerville	COUNTY: Todd	POPULATION*:	715	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,515
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Facility Improvements		2.5		Wastewater Treatment Facilities Project	
TH 71		0.09		Sewer System Project	
Sanitary Sewer & Watermain Improvement Project		1.1		Sewer System Project	
Wastewater Treatment Facility		4.144		SFY 2014 PPL Treatment Facilities Project / Rank:	214
Wastewater/Water improvements 2010		1.55		SFY 2014 PPL Sewer System Project / Rank:	214
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
9.384	\$660,268	\$1,789.88	4.418%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Browerville</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>9.384 (million)</i>

Browns Valley	COUNTY: Traverse	POPULATION*:	580	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,221
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Browns Valley		5.357		SFY 2014 PPL Sewer System Project / Rank:	43
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
5.357	\$376,924	\$1,034.24	4.454%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Browns Valley</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5.357 (million)</i>

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Alphabetical by Name of Community

Brownsville	COUNTY: Houston	POPULATION*:	638	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,719
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Brownsville		1.21		SFY 2014 PPL Treatment Facilities Project / Rank:	234
<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>	
1.21	\$85,137		\$213.43	0.413%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Brownsville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.21 (million)</i>

Brownton	COUNTY: McLeod	POPULATION*:	709	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,114
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Sanitary Sewer System Rehab/Reconstruction		0.9		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>	
0.9	\$63,325		\$165.20	0.300%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Brownton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.9 (million)</i>

Bruno	COUNTY: Pine	POPULATION*:	78	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,917
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Bruno		1.341		SFY 2014 PPL Treatment Facilities Project / Rank:	322
Bruno		1.341		SFY 2014 PPL Sewer System Project / Rank:	322
<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>	
2.682	\$188,708		\$3,330.14	10.117%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Bruno as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2.682 (million)</i>

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Alphabetical by Name of Community

Buffalo	COUNTY: Wright	POPULATION*: 15,127	MEDIAN HOUSEHOLD INCOME (MHI)*: \$63,533
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Capital Improvement Plan (1-5 Years)	2.54	SFY 2014 PPL Sewer System Project / Rank: 253	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.54	\$178,717	\$27.00	0.042%
--- 5 - 10 yr. ---			
Capital Improvement Plan (6 - 10 year)	1.38	SFY 2014 PPL Sewer System Project / Rank: 253	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.38	\$97,098	\$14.67	0.023%
--- 10 - 20 yr. ---			
Capital Improvement Plan (11-15 year)	0.99	SFY 2014 PPL Sewer System Project / Rank: 253	
<i>Subtotal of 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	\$69,657	\$10.52	0.017%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Buffalo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			4.91 (million)

Buhl	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Rehab. Collection System	0.855	Sewer System Project	
Advance Treatment	0.855	Wastewater Treatment Facilities Project	
Buhl	1.7155	SFY 2014 PPL Sewer System Project / Rank: 178	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.4255	\$241,022		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Buhl</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			3.4255 (million)

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Burnsville	****	COUNTY: Dakota	POPULATION*: 60,699	MEDIAN HOUSEHOLD INCOME (MHI)*: \$63,688	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Meadow Acres Lift Forcemain Rehab			0.28	Sewer System Project	
McAndrews Lift Station Rehab			0.8	Sewer System Project	
Meadow Acres Lift Station Rehab			0.5	Sewer System Project	
Annual End to End Mainline Lining Project			0.165	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.745		\$122,780	\$4.28	0.007%	
--- 5 - 10 yr. ---					
Bluebill Bay Lift Station Rehab			0.15	Sewer System Project	
Washburn Sanitary Lift Rehab			0.36	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.51		\$35,884	\$1.25	0.002%	
--- 10 - 20 yr. ---					
Annual End to End Mainline Lining Project			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		\$13,017	\$0.45	0.001%	
Overall cost of projects identified as of January 1, 2014 by the community of Burnsville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.44 (million)					
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Burnsville					

Burtrum		COUNTY: Todd	POPULATION*: 129	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,889	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Service to Unsewered Area			0.9	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.9		\$63,325	\$581.56	2.013%	

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2014 by the community of Burtrum

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9 (million)

Butterfield	COUNTY: Watonwan	POPULATION*:	514	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,563
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehab/Replacement		2		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	\$140,722		\$510.68	1.229%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Butterfield</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)</i>					

Caledonia	COUNTY: Houston	POPULATION*:	2,880	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,802
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
WWTP Rehabilitation and Upgrade		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>	
3	\$211,083		\$146.93	0.399%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Caledonia</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)</i>					

Callaway	COUNTY: Becker	POPULATION*:	231	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,156
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Highway 59 Sanitary Sewer - 280th Street Sanitary Sewer		0.113631		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>	
0.113631	\$7,995		\$74.95	0.166%	

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2014 by the community of Callaway
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1136 (million)*

Calumet	COUNTY: Itasca	POPULATION*:	367	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
SE Area Utility Extensions		0.483		Sewer System Project	
Sanitary Sewer Reconstruction		0.567		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>	
1.05	\$73,879				
--- 10 - 20 yr. ---					
Sanitary Sewer Reconstruction		1.519		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>	
1.519	\$106,878				

*Overall cost of projects identified as of January 1, 2014 by the community of Calumet
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.569 (million)*

Cambridge	COUNTY: Isanti	POPULATION*:	8,009	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,189
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Biosolids Storage and Digestion		5		Wastewater Treatment Facilities Project	
Cambridge Waste Treatment Facility Upgrade		13.794		SFY 2014 PPL Treatment Facilities Project / Rank:	122
2014 Street Improvements		0.864		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>	
19.658	\$1,383,157		\$358.64	0.729%	
--- 5 - 10 yr. ---					
2016 Street Improvements		0.302		Sewer System Project	
2018 Street Improvement		0.936		Sewer System Project	

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2020 Street Improvements	0.171	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>	
1.409	\$99,139	\$25.71	0.052%	
--- 10 - 20 yr. ---				
2011 Flanders Street	0.162	Sewer System Project		
2009 North Garfield Street	0.108	Sewer System Project		
2009 North Flanders Street	0.216	Sewer System Project		
2016 Paul's Lake Trunk Utilities	2.187	Sewer System Project		
2011 North Main Street Trunk Utilities	2.063	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>	
4.736	\$333,230	\$86.40	0.176%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cambridge as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>25.803 (million)</i>

Canby	COUNTY: Yellow Medi	POPULATION*: 1,924	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,898
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Pump Station Improvement	0.75	SFY 2014 PPL Sewer System Project / Rank: 48	
East Side Infrastructure Improvement Project	6.3	SFY 2014 PPL Sewer System Project / Rank: 48	
Sewer rehab	2.1	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>
9.15	\$643,803	\$658.44	1.535%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Canby as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			9.15 (million)

Cannon Falls	COUNTY: Goodhue	POPULATION*: 4,073	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,149
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Addition of Oxidation Ditch and Clarifier & Tertiary Filtration	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>
5	\$351,805	\$171.89	0.372%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cannon Falls</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>

Canosia & Grand Lake	COUNTY: St. Louis	POPULATION*:	592	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Canosia & Grand Lake Townships - Caribou Lake (St. Lo)		4.4		Wastewater Treatment Facilities Project	
Canosia & Grand Lake Townships - Caribou Lake (St. Lo)		4.4		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>		
8.8	\$619,177				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Canosia & Grand Lake Townships</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>8.8 (million)</i>

Carlos	COUNTY: Douglas	POPULATION*:	592	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
New Pumps		0.01		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>		
0.01	\$704	\$2.58	0.005%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Carlos</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.01 (million)</i>

Carlton	COUNTY: Carlton	POPULATION*:	833	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,442
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Line Sewer Mains	0.125	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>	
0.125	\$8,795	\$22.94	0.055%	
--- 5 - 10 yr. ---				
Manhole Replacement	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	\$17,590	\$45.89	0.111%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Carlton</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.375 (million)	

Carver	****	COUNTY: Carver	POPULATION*: 3,519	MEDIAN HOUSEHOLD INCOME (MHI)*: \$105,464
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.4		\$661,393	\$565.29	0.536%
<i>Overall cost of projects identified as of January 1, 2014 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</i>				9.4 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Carver				

Cascade Twp	COUNTY:	POPULATION*:	2,838	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$105,263
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Cascade Twp - Hallmark Terrace	0.5		SFY 2014 PPL Sewer System Project / Rank: 55		
<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	\$35,181		\$29.26	0.028%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cascade Twp</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
0.5 (million)					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Cass County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Cass County - Stony Point		0.6	SFY 2014 PPL Sewer System Project / Rank: 113
Cass County - Sugar Point		1	SFY 2014 PPL Treatment Facilities Project / Rank: 313
Cass County - Stony Point		0.6	SFY 2014 PPL Treatment Facilities Project / Rank: 113
Cass County - Sugar Point		1	SFY 2014 PPL Sewer System Project / Rank: 313
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.2	\$225,155		
Overall cost of projects identified as of January 1, 2014 by the community of Cass County			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			3.2 (million)

Cass Lake	COUNTY: Cass	POPULATION*:	676	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,136
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cass Lake		1.0445		SFY 2014 PPL Treatment Facilities Project / Rank: 121	
Cass Lake		1.0445		SFY 2014 PPL Sewer System Project / Rank: 121	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
2.089	\$146,984	\$329.07	1.057%		
Overall cost of projects identified as of January 1, 2014 by the community of Cass Lake					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					
					2.089 (million)

Cedar Mills	COUNTY: Meeker	POPULATION*:	70	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,429
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cedar Mills		0.3		SFY 2014 PPL Treatment Facilities Project / Rank: 261	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.3	\$21,108	\$593.67	1.154%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Cedar Mills

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)

Center City	COUNTY: Chisago	POPULATION*:	581	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$72,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Minor Rehabilitation		0.025		Sewer System Project	
Center City		0.13		SFY 2014 PPL Sewer System Project / Rank: 142	
<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>	
0.155	\$10,906		\$37.61	0.052%	

Overall cost of projects identified as of January 1, 2014 by the community of Center City

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.155 (million)

Central Iron Range San	COUNTY: St. Louis	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Central Iron Range SD		4.5		SFY 2014 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>	
4.5	\$316,625				

Overall cost of projects identified as of January 1, 2014 by the community of Central Iron Range Sanitary District

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)

Chandler	COUNTY: Murray	POPULATION*:	237	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,208
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.25	\$17,590		\$129.76	0.287%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Chandler
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)*

Chanhassen	****	COUNTY: Carver	POPULATION*: 23,000	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
LB-5 Sanitary Sewer Extension (North)			0.976	Sewer System Project	
Sanitary Lift Station Rehabilitation Program			0.08	Sewer System Project	
2010 MUSA Sanitary Lift Station			1.5	Sewer System Project	
Sanitary Sewer Rehab. & Replacement			0.38	Sewer System Project	
Sanitary Sewer Replacement			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>	
3.536		\$248,796	\$26.06		
--- 5 - 10 yr. ---					
LB-3 Sanitary sewer extension			1.735	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>	
1.735		\$122,076	\$12.78		
--- 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		\$284,962	\$29.84		

*Overall cost of projects identified as of January 1, 2014 by the community of Chanhassen
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.321 (million)*

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

Chaska	****	COUNTY: Carver	POPULATION*: 23,429	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$70,815
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Southwest Industrial Trunk			0.3	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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	\$21,108	\$2.06	0.003%

*Overall cost of projects identified as of January 1, 2014 by the community of Chaska
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 Chaska

Chatfield	COUNTY: Filmore	POPULATION*: 1,679	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
2014 Street Project		0.75	Sewer System Project	
Top 12 Sewer Main Repairs		0.1	Sewer System Project	
SCADA Computer and Software Upgrade		0.04	Sewer System Project	
Video Survey of Sanitary Sewer Mains		0.06	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	\$66,843	\$87.69		
--- 5 - 10 yr. ---				
5 - 10 Year Long Term Sewer Infrastructure Repair		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	\$105,542	\$138.47		
--- 10 - 20 yr. ---				
10-20 year long term sewer infrastructure repair		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	\$140,722	\$184.62		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Chatfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.45 (million)</i>				

Chisago County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Chisago County - Rolling Shores	0.175	SFY 2014 PPL Sewer System Project / Rank: 30
Chisago County - Rolling Shores	0.175	SFY 2014 PPL Treatment Facilities Project / Rank: 30
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.35	\$24,626	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2014 by the community of Chisago County		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		0.35 (million)

Chisago Lakes Joint Se	COUNTY: Chisago	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
--- Current ---			
Remodel Commission # 2 Lift Station		0.366	Sewer System Project
Ponds Certification		0.1	Wastewater Treatment Facilities Project
Commission Lift #4 Generator		0.04	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.506	\$35,603		
--- 10 - 20 yr. ---			
Cleaning of Old Treatment Ponds		0.04	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.04	\$2,814		
Overall cost of projects identified as of January 1, 2014 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			
			0.546 (million)

Chisholm	COUNTY: St. Louis	POPULATION*:	4,962	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,093
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Chisholm		0.90703		SFY 2014 PPL Sewer System Project / Rank: 67	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.90703	\$63,820	\$22.56	0.064%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2014 by the community of Chisholm
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9070 (million)*

Clara City	COUNTY: Chippewa	POPULATION*:	1,198	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,704
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2011 Utility and Street Improvement Project		2.8		Sewer System Project	
2014 Utility and Street Improvement Project Phase #2 of		2.8		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>	
5.6	\$394,022		\$567.39	1.466%	

*Overall cost of projects identified as of January 1, 2014 by the community of Clara City
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.6 (million)*

Clarissa	COUNTY: Todd	POPULATION*:	765	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,069
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehabilitation of W Leslie Ave Sewers		0.185		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>	
0.185	\$13,017		\$35.50	0.101%	

*Overall cost of projects identified as of January 1, 2014 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)*

Clarkfield	COUNTY: Yellow Medi	POPULATION*:	702	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer Main Replacement/Rehab		0.35		SFY 2014 PPL Sewer System Project / Rank:	144
Sewer Main Replacement/Rehab		0.35		SFY 2014 PPL Sewer System Project / Rank:	144
Cell 1 and 2 Sludge Removal		0.06		SFY 2014 PPL Treatment Facilities Project / Rank:	144

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Re-evaluating Project	0.515	SFY 2014 PPL Treatment Facilities Project / Rank:	144
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.275	\$89,710	\$187.77	0.501%
--- 5 - 10 yr. ---			
Reline sewer mains and manhole rehabilitation	0.66	SFY 2014 PPL Sewer System Project / Rank:	144
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.66	\$46,438	\$97.20	0.259%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Clarkfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			1.935 (million)

Clear Lake - Clearwater	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Clear Lake / Clearwater		0.6545	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>
0.6545	\$46,051		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Clear Lake - Clearwater Sewer Authority as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.6545 (million)

Clearbrook	COUNTY: Clearwater	POPULATION*:	600	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,917
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Clearbrook Sanitary Sewer Rehabilitation		4.508		SFY 2014 PPL Sewer System Project / Rank:	221
WWTF Piping Improvments		0.034		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>	
4.542	\$319,580	\$810.20		2.461%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Clearbrook as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					4.542 (million)

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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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
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Alphabetical by Name of Community

Climax	COUNTY: Polk	POPULATION*:	256	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Climax		1.4535		SFY 2014 PPL Sewer System Project / Rank:	151
Climax		1.4535		SFY 2014 PPL Treatment Facilities Project / Rank:	151
<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>	
2.907	\$204,539		\$1,394.59	3.486%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Climax as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2.907 (million)</i>
<hr/>					
Clitherall	COUNTY: Otter Tail	POPULATION*:	78	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$18,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Clitherall		0.909		SFY 2014 PPL Sewer System Project / Rank:	101
Clitherall		0.909		SFY 2014 PPL Treatment Facilities Project / Rank:	101
<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>	
1.818	\$127,916		\$1,718.28	9.164%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Clitherall as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.818 (million)</i>
<hr/>					
Cloquet	COUNTY: Carlton	POPULATION*:	12,076	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,650
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Annual I/I Reduction Improvement Program		0.5		Sewer System Project	
3rd Street Reconstruction - Cloquet Avenue to Carlton Av		0.12		Sewer System Project	
Highway 33 Improvement		0.12		Sewer System Project	
22nd Street Reconstruction - Carlton to Prospect		0.126		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS.
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Special Districts & Unsewered Area values
are missing

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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
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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

West End Arch Street/Park Avenue Reconstruction	0.1	Sewer System Project		
West Selmser Avenue Side Street Reconstruction	0.128	Sewer System Project		
8th Street Sanitary Sewer Outfall Reconstruction	0.241	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>	
1.335	\$93,932	\$15.71	0.034%	
--- 5 - 10 yr. ---				
Old Sunnyside Area Reconstruction - Phase I	0.11	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>	
0.11	\$7,740	\$1.29	0.003%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cloquet</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.445 (million)</i>	

Cohasset	COUNTY: Itasca	POPULATION*: 2,675	MEDIAN HOUSEHOLD INCOME (MHI)*: \$64,400
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Collection System Expansion	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	\$140,722	\$99.18	0.154%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cohasset</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2 (million)</i>

Cokato	COUNTY: Wright	POPULATION*: 2,749	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,577
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Expansion of Existing WWTF	4.4	SFY 2014 PPL Treatment Facilities 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>
4.4	\$309,588	\$260.40	0.571%

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Appendix 2: 2013 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, 2014 by the community of Cokato
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.4 (million)*

Cold Spring	COUNTY: Stearns	POPULATION*: 3,960	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,829	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Red River 1 CSAH 2		0.51	Sewer System Project	
1st and 2nd Street North		0.09	Sewer System Project	
5th Ave/CSAH 50		0.18	Sewer System Project	
2nd Avenue North		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>	
0.93	\$65,436	\$36.17	0.063%	
--- 5 - 10 yr. ---				
Brewery Hill Phase B		0.346	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>	
0.346	\$24,345	\$13.46	0.023%	
--- 10 - 20 yr. ---				
New Development and Rehabilitation		4.6	Sewer System Project	
Funeral Home / River		0.27	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	\$342,658	\$189.43	0.328%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cold Spring as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.146 (million)</i>				

Coleraine	COUNTY: Itasca	POPULATION*: 1,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,835	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---				
Collection System Rehabilitation		0.6	Sewer System Project	

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Collection System Improvements		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>	
1.2	\$84,433	\$92.45	0.189%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Coleraine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>1.2 (million)</i>

Coleraine, Bovey, Taco	COUNTY: Itasca	POPULATION*:	1,489	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$73,894
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Expansion of existing activated sludge system		8.662		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>		
8.662	\$609,467				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Coleraine, Bovey, Taconite Joint Wastewater Com as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>8.662 (million)</i>

Cologne	COUNTY: Carver	POPULATION*:	1,489	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$73,894
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
WWTP Expansion		2.4		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>		
2.4	\$168,866	\$269.47	0.365%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cologne as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2.4 (million)</i>

Columbia Heights****	COUNTY: Anoka	POPULATION*:	19,532	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,967
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Project 1304 - Sanitary Sewer Lining		0.15		Sewer System Project	

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Project 1214 Chatham Lift Station	0.35	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	\$35,181	\$3.82	0.007%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Columbia Heights</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 Columbia Heights			

Comfrey	COUNTY: Brown	POPULATION*:	471	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank
--- Current ---				
Highway 258 Project		0.5		Sewer System Project
Comfrey		2.746		SFY 2014 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	
3.246	\$228,392	\$1,123.24		
Overall cost of projects identified as of January 1, 2014 by the community of Comfrey as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.246 (million)				

Cook		COUNTY: St. Louis	POPULATION*: 780	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,125
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank		
--- Current ---				
N. Area Alley Source Main Rehabilitation	0.04	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.04	\$2,814	\$7.14	0.017%	
Overall cost of projects identified as of January 1, 2014 by the community of Cook as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				
				0.04 (million)

Cosmos	COUNTY: Meeker	POPULATION*:	550	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

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Alphabetical by Name of Community

TH 4 Reconstruct	1.636	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>
1.636	\$115,111	\$337.46	0.857%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cosmos</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.636 (million)</i>

Cotton Twp	COUNTY:	POPULATION*:	543	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$62,679
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cotton Twp		0.324		SFY 2014 PPL Treatment Facilities Project / Rank:	309
Cotton Twp		0.324		SFY 2014 PPL Sewer System Project / Rank:	309
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.648	\$45,594	\$92.21	0.147%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cotton Twp</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.648 (million)</i>

Cottonwood	COUNTY: Lyon	POPULATION*:	992	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cottonwood Phase # 2		0.166		SFY 2014 PPL Sewer System Project / Rank:	217
Rehab/expand existing system		0.1166		SFY 2014 PPL Sewer System Project / Rank:	217
Northwood Drive Life Station Rehab		0.05		SFY 2014 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>		
0.3326	\$23,402	\$45.39	0.086%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cottonwood</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.3326 (million)</i>

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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Crane Lake Water & S	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Crane Lake Eastern Service Area		3.86	SFY 2014 PPL Sewer System Project / Rank: 293
<i>Subtotal of 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	\$271,593		
<i>Overall cost of projects identified as of January 1, 2014 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</i>			
			<i>3.86 (million)</i>

Cromwell	COUNTY: Carlton	POPULATION*:	138	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cromwell		0.35		SFY 2014 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>	
0.35	\$24,626	\$177.31		0.675%	
--- 5 - 10 yr. ---					
Wastewater Treatment Facility Improvements		0.45		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>	
0.45	\$31,662	\$227.97		0.868%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Cromwell as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.8 (million)</i>

Crookston	COUNTY: Polk	POPULATION*:	7,887	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,297
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab/expand existing system		1.19		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>	
1.19	\$83,730	\$23.92		0.057%	

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*Overall cost of projects identified as of January 1, 2014 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)*

Crosby	COUNTY: Crow Wing	POPULATION*:	2,186	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,044
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Birch Street Improvements		0.05		Sewer System Project	
3rd Street SW Reconstruction		0.25		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>	
0.3	\$21,108		\$15.41	0.057%	

*Overall cost of projects identified as of January 1, 2014 by the community of Crosby
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)*

Cross Lake Area Water	COUNTY:	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
On-going Maintenance and Expansion		0.2		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>	
0.2	\$14,072				

*Overall cost of projects identified as of January 1, 2014 by the community of Cross Lake Area Water & Sanitary Sewer District
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2 (million)*

Crystal	****	COUNTY: Hennepin	POPULATION*:	22,154	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$61,171
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
CIPP Lining Project			1.5		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>		
1.5	\$105,542		\$10.03	0.016%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Crystal
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)*

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

Cuyuna	COUNTY: Crow Wing	POPULATION*:	273	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,964
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Cuyuna		1.6414		SFY 2014 PPL Sewer System Project / Rank:	62
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.6414	\$115,491	\$845.05	2.014%		

*Overall cost of projects identified as of January 1, 2014 by the community of Cuyuna
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.6414 (million)*

Dalton	COUNTY: Otter Tail	POPULATION*:	312	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
I & I Correction		0.1		Sewer System Project	
Dalton		1.875		SFY 2014 PPL Sewer System Project / Rank:	82
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.975	\$138,963	\$893.33	2.589%		

*Overall cost of projects identified as of January 1, 2014 by the community of Dalton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.975 (million)*

Darwin	COUNTY: Meeker	POPULATION*:	424	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$60,625
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Upgrade Ponds		1.42		SFY 2014 PPL Sewer System Project / Rank:	133
Infiltration Repair		1.42		SFY 2014 PPL Treatment Facilities Project / Rank:	133

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
2.84	\$199,825	\$899.21	1.483%

*Overall cost of projects identified as of January 1, 2014 by the community of Darwin
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.84 (million)*

Dassel	COUNTY: Meeker	POPULATION*: 1,488	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,490
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Dassel		0.788	SFY 2014 PPL Sewer System Project / Rank: 117

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.788	\$55,444	\$78.46	0.199%

--- 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 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6	\$422,166	\$597.40	1.513%

*Overall cost of projects identified as of January 1, 2014 by the community of Dassel
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.788 (million)*

Dawson	COUNTY: Lac qui Parle	POPULATION*: 1,424	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,333
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Rehabilitate Collection System		5.2	SFY 2014 PPL Sewer System Project / Rank: 51

<i>Subtotal of 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	\$365,877	\$446.19	1.106%

*Overall cost of projects identified as of January 1, 2014 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)*

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Dayton	****	COUNTY: Hennepin	POPULATION*: 4,622	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
NW Dayton Utility Extensions/Brockton Ln Turn Lane Im			11.4	Sewer System Project	
Territorial Rd/Rush Creek Rd Street & Utility Improveme			3.2	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
14.6		\$1,027,271	\$563.75		
--- 5 - 10 yr. ---					
113th Ave Utility & Street Improvements			1.9	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.9		\$133,686	\$73.36		
Overall cost of projects identified as of January 1, 2014 by the community of Dayton					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				16.5 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Dayton					
De Graff		COUNTY: Swift	POPULATION*: 76	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$17,083
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Degraff Collection & Treatment			1.536	Wastewater Treatment Facilities Project	
Degraff Collection & Treatment			1.536	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
3.072		\$216,149	\$3,814.39	22.329%	
Overall cost of projects identified as of January 1, 2014 by the community of De Graff					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				3.072 (million)	
Deer Creek		COUNTY: Otter Tail	POPULATION*: 257	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,500
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Deer Creek			0.17	Sewer System Project	
<div> <div>* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing</div> <div>** Assuming twenty (20) year debt service at market rate of 3.5%. 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.</div> <div>*** 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. Also per household cost may be higher for localized projects funded by assessments.</div> </div>					

Appendix 2: 2013 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>
0.17	\$11,961	\$72.74	0.224%

--- 5 - 10 yr. ---

Industrial connection	0.16	SFY 2014 PPL Sewer System Project / Rank: 223
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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	\$11,258	\$68.46	0.211%

Overall cost of projects identified as of January 1, 2014 by the community of Deer Creek

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.33 (million)

Deer River	COUNTY: Itasca	POPULATION*:	1,032	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,955
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

WWTF Pond expansion	1.8	SFY 2014 PPL Treatment Facilities Project / Rank: 197
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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>
1.8	\$126,650	\$232.15	0.830%

Overall cost of projects identified as of January 1, 2014 by the community of Deer River

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8 (million)

Deerwood	COUNTY: Crow Wing	POPULATION*:	404	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,688
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Deerwood	0.15	SFY 2014 PPL Sewer System Project / Rank: 220
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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	\$10,554	\$35.44	0.119%

Overall cost of projects identified as of January 1, 2014 by the community of Deerwood

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.15 (million)

DeGraff	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

DeGraff	1.53605	SFY 2014 PPL Sewer System Project / Rank: 17
DeGraff	1.53605	SFY 2014 PPL Treatment Facilities Project / Rank: 17
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
3.0721	\$216,156	
<i>Overall cost of projects identified as of January 1, 2014 by the community of DeGraff as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>3.0721 (million)</i>

Delano	COUNTY: Wright	POPULATION*: 5,401	MEDIAN HOUSEHOLD INCOME (MHI)*: \$74,967
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
2016 Infrastructure Improvements	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>
1	\$70,361	\$31.66	0.042%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Delano as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>1 (million)</i>

Dennison	COUNTY: Goodhue	POPULATION*: 137	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
New Rip-Rap on Secondary Pond	0.09	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>
0.09	\$6,332	\$103.62	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Dennison as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.09 (million)</i>

Dent	COUNTY: Otter Tail	POPULATION*: 199	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,429
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- 5 - 10 yr. ---

Sewer Rehab 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	\$70,361	\$536.65	1.156%

--- 10 - 20 yr. ---

Treatment System Expansion 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>
1	\$70,361	\$536.65	1.156%

*Overall cost of projects identified as of January 1, 2014 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*: 8,507	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,914
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Highway 10, 59 Frontage Raod and Thomas Avenue Exte	0.763	Sewer System Project
Willow Street, Jackson Avenue to Washington Avenue	1.533	SFY 2014 PPL Sewer System Project / Rank: 129
S. Washington Ave.	2.195	Sewer System Project
Long Lake (2012 Annexation area)	2.173	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>
6.664	\$468,886	\$92.83	0.233%

--- 5 - 10 yr. ---

Waste Water Treatment Facility 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>
25	\$1,759,025	\$348.25	0.872%

*Overall cost of projects identified as of January 1, 2014 by the community of Detroit Lakes
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 31.664 (million)*

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

Dilworth	COUNTY: Clay	POPULATION*:	3,925	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,167
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Dilworth		0.975		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>	
0.975	\$68,602		\$36.93	0.075%	
<i>Overall cost of projects identified as of January 1, 2014 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)</i>					

Dodge Center	COUNTY: Dodge	POPULATION*:	2,640	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,415
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
3rd St. SE		0.26		Sewer System Project	
6th Ave. NW		0.17		Sewer System Project	
3rd Ave NE		0.1		Sewer System Project	
Main St./1st Ave NW		0.37		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>	
0.9	\$63,325		\$56.54	0.106%	
<i>Overall cost of projects identified as of January 1, 2014 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)</i>					

Doran	COUNTY: Wilkin	POPULATION*:	24	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection		0.975		Sewer System Project	
Unsewered Treatment		0.975		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>	
1.95	\$137,204		\$4,116.12	14.317%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 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, 2014 by the community of Doran

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.95 (million)

Dresbach Twp	COUNTY:	POPULATION*:	527	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$82,604
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Dresbach Twp		2.35		SFY 2014 PPL Treatment Facilities Project / Rank:	153
Dresbach Twp		2.35		SFY 2014 PPL Sewer System Project / Rank:	153
<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>	
4.7	\$330,697		\$1,322.79	1.601%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Dresbach Twp</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.7 (million)</i>					

Duluth	COUNTY: St. Louis	POPULATION*:	86,177	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,116
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
CIPP Rehabilitation of sewers in basin 18,19,23		4.1		SFY 2014 PPL Sewer System Project / Rank:	7
<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>	
4.1	\$288,480		\$6.73	0.016%	
--- 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
7.5	\$527,708		\$12.31	0.030%	
--- 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
15	\$1,055,415		\$24.62	0.060%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Duluth
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 26.6 (million)*

Duluth - North Shore S	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Duluth/NS Phase 2 (Knife River)		1.76	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	\$123,835		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Duluth - North Shore Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.76 (million)</i>			

Dumont	COUNTY: Traverse	POPULATION*:	65	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$74,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Compliance		1.6		Sewer System Project	
Dumont		1.64		SFY 2014 PPL Treatment Facilities 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>	
3.24	\$227,970	\$5,399.28		7.260%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Dumont as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.24 (million)</i>					

Dundas	COUNTY: Rice	POPULATION*:	1,337	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,621
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Lift Station and Force Main		0.9		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>	
0.9	\$63,325	\$104.77		0.162%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Dundas
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9 (million)*

Dundee	COUNTY: Nobles	POPULATION*:	72	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,167
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Dundee		1.452		SFY 2014 PPL Treatment Facilities Project / Rank:	8
Dundee		1.452		SFY 2014 PPL Sewer System Project / Rank:	8
<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>	
2.904	\$204,328		\$3,405.47	14.091%	

*Overall cost of projects identified as of January 1, 2014 by the community of Dundee
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.904 (million)*

Eagle Bend	COUNTY: Todd	POPULATION*:	497	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,833
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Main Street Improvement		1.45		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>	
1.45	\$102,023		\$333.89	1.083%	

*Overall cost of projects identified as of January 1, 2014 by the community of Eagle Bend
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.45 (million)*

East Bethel	COUNTY: Anoka	POPULATION*:	11,621	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$78,986
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Lift Station No. 1 Reconstruction		0.35		Sewer System Project	
Whispering Aspen/Castle Towers Forcemain Project		2.1		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
2.45	\$172,384	\$36.39	0.046%

Overall cost of projects identified as of January 1, 2014 by the community of East Bethel

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.45 (million)

East Grand Forks	COUNTY: Polk	POPULATION*: 8,458	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,010
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
East Grand Forks - Phase 2		9.79	SFY 2014 PPL Sewer System Project / Rank: 107
Additional forcemain to lagoons		1.95	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>
11.74	\$826,038	\$206.17	0.389%

Overall cost of projects identified as of January 1, 2014 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 11.74 (million)

Easton	COUNTY: Faribault	POPULATION*: 181	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,714
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Easton		0.588	SFY 2014 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>
0.588	\$41,372	\$372.35	0.734%

Overall cost of projects identified as of January 1, 2014 by the community of Easton

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.588 (million)

Eden Prairie	COUNTY: Hennepin	POPULATION*: 60,024	MEDIAN HOUSEHOLD INCOME (MHI)*: \$91,711
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Sewer Extension to Lion's Tap		0.329175	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Curbside I & I Drain Tile Project 2015	0.05	Sewer System Project	
Curbside I & I Drain Tile Project 2017	0.05	Sewer System Project	
Red Rock Lift Station Rehab # 1 -- 2014	0.2107	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #3-2017	0.106	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #4-2018	0.108	Sewer System Project	
Curbside I & I Drain Tile Project 2016	0.05	Sewer System Project	
Medcom Boulevard to Franlo Road Sewer	0.05	Sewer System Project	
S. Shady Oak Road TH 212 Sewer	0.05	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #2-2016	0.104	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.107875	\$77,951	\$2.96	0.003%
--- 5 - 10 yr. ---			
Cyclic Lift Station Rehab (Annual) #7-2021	0.1149	Sewer System Project	
Curbside I & I Drain Tile Project 2018	0.05	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #8-2022	0.117	Sewer System Project	
Curbside I & I Drain Tile Project 2019	0.05	Sewer System Project	
Curbside I & I Drain Tile Project 2022	0.05	Sewer System Project	
Curbside I & I Drain Tile Project 2021	0.05	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #6-2020	0.0012	Sewer System Project	
Cyclic Lift Station Rehab (Annual) #5-2019	0.11	Sewer System Project	
Curbside I & I Drain Tile Project 2020	0.05	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.5931	\$41,731	\$1.58	0.002%
Overall cost of projects identified as of January 1, 2014 by the community of Eden Prairie			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.701 (million)

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

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Eden Valley	COUNTY: Meeker	POPULATION*: 534	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,406
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Sanitary Sewer Improvements	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	\$52,771	\$158.31	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Eden Valley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)</i>			
Edgerton	COUNTY: Pipestone	POPULATION*: 1,277	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,406
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Mechanic Street	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	\$3,518	\$5.77	0.014%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Edgerton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.05 (million)</i>			
Edina	COUNTY: Hennepin	POPULATION*: 47,790	MEDIAN HOUSEHOLD INCOME (MHI)*: \$80,652
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Remove Lift Station #1	0.15	Sewer System Project	
Trunk Sanitary Sewer Lining Project	1.45	Sewer System Project	
Trunk Sanitary Sewer Lining Project	1.45	Sewer System Project	
Sanitary Sewer Main Improvements	3.421	Sewer System Project	
Remove Lift Station #1	0.15	Sewer System Project	
Sanitary Sewer Main Improvements	3.421	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
10.042	\$706,565	\$29.14	0.036%

Overall cost of projects identified as of January 1, 2014 by the community of Edina

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.042 (million)

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

Elbow Lake	COUNTY: Grant	POPULATION*: 1,274	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,444
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Elbow Lake - East Side		1.675	SFY 2014 PPL Sewer System Project / Rank: 132
10th Avenue Southeast		0.724	Sewer System Project
Division Street Improvements		1.75	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>
4.149	\$291,928	\$361.40	1.020%

Overall cost of projects identified as of January 1, 2014 by the community of Elbow Lake

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.149 (million)

Elk River	COUNTY: Sherburne	POPULATION*: 22,790	MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,224
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Elk River WWTP Expansion		10.6	Wastewater Treatment Facilities Project
Solids Treatment and Disposal Improvement		0.7	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>
11.3	\$795,079	\$84.51	0.120%

Overall cost of projects identified as of January 1, 2014 by the community of Elk River

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.3 (million)

Elko New Market****	COUNTY: Scott	POPULATION*: 3,845	MEDIAN HOUSEHOLD INCOME (MHI)*: \$87,446
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

Northeast Quadrant	1.9	Sewer System Project
Southeast Quadrant	1.5	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.4	\$239,227	\$164.73	0.188%

--- 5 - 10 yr. ---

Adelmann Property	1	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
1	\$70,361	\$48.45	0.055%

--- 10 - 20 yr. ---

Southwest Quadrant	3.8	Sewer System Project
Northwest Quadrant	3.9	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
7.7	\$541,780	\$373.07	0.427%

**Overall cost of projects identified as of January 1, 2014 by the community of Elko New Market
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12.1 (million)**

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Elko New Market

Ellendale	COUNTY: Steele	POPULATION*: 654	MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,125
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

2nd Street	0.25	Sewer System Project
Ellendale	0.96	SFY 2014 PPL Sewer System Project / Rank: 34

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.21	\$85,137	\$263.31	0.360%

**Overall cost of projects identified as of January 1, 2014 by the community of Ellendale
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.21 (million)**

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Alphabetical by Name of Community

Ellsworth	COUNTY: Nobles	POPULATION*:	470	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,857
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
I/I correction and Sewer Rehab.		0.563		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>	
0.563	\$39,613		\$161.32	0.491%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Ellsworth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.563 (million)</i>

Elmore	COUNTY: Faribault	POPULATION*:	657	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,974
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
		1		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	\$70,361		\$181.45	0.673%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Elmore as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1 (million)</i>

Ely	COUNTY: St. Louis	POPULATION*:	3,502	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,667
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehabilitation and I/I Reduction		1.839		Sewer System Project	
Ely		2.106		SFY 2014 PPL Sewer System Project / Rank: 90	
<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>	
3.945	\$277,574		\$121.27	0.350%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Ely as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>3.945 (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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Elysian	COUNTY: Le Sueur	POPULATION*:	422	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Replace sewer lines		0.2		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>	
0.2	\$14,072		\$40.59		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Elysian as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.2 (million)</i>

Emily	COUNTY: Crow Wing	POPULATION*:	758	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Emily		1.98		SFY 2014 PPL Sewer System Project / Rank:	306
<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>	
1.98	\$139,315		\$127.81	0.323%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Emily as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.98 (million)</i>

Emore	COUNTY:	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
TH 169 I & I Correction		0.1		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>	
0.1	\$7,036				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Emore as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.1 (million)</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Erskine	COUNTY: Polk	POPULATION*:	494	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,500
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Erskine		0.205	SFY 2014 PPL Treatment Facilities Project / Rank: 81		
Erskine		0.205	SFY 2014 PPL Sewer System Project / Rank: 81		
<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>	
0.41	\$28,848		\$95.10	0.312%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Erskine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.41 (million)
<hr/>					
Essig	COUNTY: Nicolett	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Essig		1.946	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>	
1.946	\$136,923				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Essig as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					1.946 (million)
<hr/>					
Evan	COUNTY: Brown	POPULATION*:	31	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,625
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.03	\$2,111		\$90.46	0.353%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Evan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.03 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Evansville	COUNTY: Douglas	POPULATION*:	665	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,420
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Sewer Rehabilitation	2.383		SFY 2014 PPL Sewer System 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>		
2.383	\$167,670	\$436.14	1.388%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Evansville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
				2.383	(million)

Eveleth	COUNTY: St. Louis	POPULATION*:	3,732	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,167
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2013 Sanitary sewer Cleaning and Televising		0.016		Sewer System Project	
2015 Sanitary Sewer Cleaning and Televising		0.021		Sewer System Project	
Eveleth		0.386		SFY 2014 PPL Sewer System Project / Rank:	52
2014 Sanitary Sewer Cleaning and Televising		0.021		Sewer System Project	
Progress Park Sanitary Sewer Extension		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>	
0.944	\$66,421		\$31.95	0.088%	
--- 5 - 10 yr. ---					
2013-2022 Sanitary Sewer Replacement Projects (some in		1		Sewer System Project	
Sanitary Sewer Extension - Elba Ave. Residential Develop		0.2		Sewer System Project	
West Eveleth Sanitary Sewer Extension		0.22		Sewer System Project	
Fayal Pond Lift Station Renovation		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>	
2.22	\$156,201		\$75.14	0.208%	
--- 10 - 20 yr. ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

West Eveleth Lift Station Renovation	0.73	Sewer System Project
Adams Lift Station Renovation	0.62	Sewer System Project
West Eveleth Transfer Station Renovation	0.73	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>
2.08	\$146,351	\$70.40	0.195%

Overall cost of projects identified as of January 1, 2014 by the community of Eveleth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.244 (million)

Fairfax	COUNTY: Renville	POPULATION*: 1,024	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,773
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
2014 Alley Project	0.09	Sewer System Project	
Reduce I & I	0.241	Sewer System Project	
Replace older sewer MH and lines	0.09	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>
0.421	\$29,622	\$47.19	0.119%

Overall cost of projects identified as of January 1, 2014 by the community of Fairfax as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.421 (million)

Fairmont	COUNTY: Martin	POPULATION*: 10,639	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,711
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Gneral 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	\$3,518	\$0.59	0.001%

Overall cost of projects identified as of January 1, 2014 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)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Falcon Heights	****	COUNTY: Ramsey	POPULATION*: 5,307	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,941
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Sewer Lining		0.23	Sewer System Project	
Sanitary Sewer Lining		0.315	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>
0.545		\$38,347	\$15.87	0.028%
--- 5 - 10 yr. ---				
Sanitary Sewer Lining		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		\$35,181	\$14.56	0.026%
--- 10 - 20 yr. ---				
Sanitary Sewer Lining		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		\$35,181	\$14.56	0.026%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Falcon Heights as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>1.545 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Falcon Heights				

Faribault	COUNTY: Rice	POPULATION*: 23,195	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,952
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
ST CON 18		0.1	Sewer System Project
STCON 16		0.35	Sewer System Project
SCO-13		1.2	Sewer System Project
STCON 15		1.3	Sewer System Project
St CON 17		0.075	Sewer System Project
STCON-14 2014 Street Improvements		0.55	Sewer System Project

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Digester number one cover improvements	0.35	Wastewater Treatment Facilities Project
Eastside Interceptor Upgrade (SCO-12)	0.925	Sewer System Project
SCO-15	0.55	Sewer System Project
SCO-16	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>
5.6	\$394,022	\$39.68	0.083%

*Overall cost of projects identified as of January 1, 2014 by the community of Faribault
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.6 (million)*

Faribault County	COUNTY: Faribault	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Faribault County - Guckeen		0.5325	SFY 2014 PPL Treatment Facilities Project / Rank: 12
Faribault County - Guckeen		0.5325	SFY 2014 PPL Sewer System 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	\$74,934		

*Overall cost of projects identified as of January 1, 2014 by the community of Faribault County
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.065 (million)*

Farmington	****	COUNTY: Dakota	POPULATION*:	20,305	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$82,990
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---						
Willow St and Linden St Reconstruction			2.1		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>	
2.1	\$147,758	\$18.50			0.022%	
--- 10 - 20 yr. ---						
Pine Street Reconstruction			3.3		Sewer System Project	
Westview Acres Reconstruction			4.316		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
7.616	\$535,869	\$67.10	0.081%

Overall cost of projects identified as of January 1, 2014 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*: 135	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,111
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Federal Dam Sewer Project		0.03	Wastewater Treatment Facilities Project
Federal Dam Sewer Project		0.03	Sewer System Project
Federal Dam Sewer Project		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>
0.09	\$6,332	\$50.89	0.164%

Overall cost of projects identified as of January 1, 2014 by the community of Federal Dam

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.09 (million)

Felton	COUNTY: Clay	POPULATION*: 131	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,286
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Sanitary Sewer Repair		0.675	SFY 2014 PPL Sewer System Project / Rank: 99

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.675	\$47,494	\$491.31	1.678%

Overall cost of projects identified as of January 1, 2014 by the community of Felton

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.675 (million)

Fertile	COUNTY: Polk	POPULATION*: 851	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,000
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Industrial Park	0.156	Sewer System Project	
Watermain/Sanitary Sewer Improvements, Industrial Park	0.015	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>
0.171	\$12,032	\$26.74	0.076%
--- 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	\$7,036	\$15.64	0.045%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Fertile as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.271 (million)

Fillmore County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
--- Current ---			
Fillmore County - Greenleafon		0.603	SFY 2014 PPL Treatment Facilities Project / Rank: 77
Fillmore County - Greenleafon		0.603	SFY 2014 PPL Sewer System Project / Rank: 77
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.206	\$84,855		
Overall cost of projects identified as of January 1, 2014 by the community of Fillmore County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.206 (million)

Floodwood	COUNTY: St. Louis	POPULATION*:	519	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,974
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Floodwood		0.5		SFY 2014 PPL Sewer System Project / Rank:	226
I and I Corrections		0.35		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.85	\$59,807	\$180.02	0.819%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Floodwood

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.85 (million)

Foley	COUNTY: Benton	POPULATION*:	2,576	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,154
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 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	\$17,590		\$16.77	0.034%	
--- 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	\$52,771		\$50.31	0.102%	
--- 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	\$1,266,498		\$1,207.47	2.456%	

Overall cost of projects identified as of January 1, 2014 by the community of Foley

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 19 (million)

Forest City Township	COUNTY: Meeker	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area Collection		0.39		Sewer System Project	
Unsewered Area Treatment		0.39		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>	
0.78	\$54,882				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 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, 2014 by the community of Forest City Township
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.78 (million)*

Forest Lake	****	COUNTY: Washington	POPULATION*: 18,077	MEDIAN HOUSEHOLD INCOME (MHI)*: \$65,985
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
2014 Sanitary Sewer Improvements		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		\$52,771	\$6.31	0.010%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Forest Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Forest Lake				

Fosston		COUNTY: Polk	POPULATION*: 1,752	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,857
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
2014 Street Improvement Project		0.955	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>
0.955		\$67,195	\$69.11	0.210%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Fosston as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.955 (million)</i>				

Fountain		COUNTY: Fillmore	POPULATION*: 404	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,667
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Wastewater Treatment Facility Expansion		1.33	Wastewater Treatment Facilities Project	
Fountain		0.1835	SFY 2014 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>
1.5135		\$106,491	\$518.07	1.110%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Fountain
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5135 (million)*

Foxhome	COUNTY: Renville	POPULATION*:	85	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,333
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area - Possible SSTS		0.375		SFY 2014 PPL Sewer System Project / Rank:	180
Unsewered Area - Possible SSTS		0.375		SFY 2014 PPL Treatment Facilities Project / Rank:	180
<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	\$52,771		\$896.11	1.680%	

*Overall cost of projects identified as of January 1, 2014 by the community of Foxhome
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)*

Franklin	COUNTY: St. Louis	POPULATION*:	646	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,393
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2009 - 2011 Utility Improvements		1.92		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>	
1.92	\$135,093		\$440.52	1.147%	

*Overall cost of projects identified as of January 1, 2014 by the community of Franklin
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.92 (million)*

Frazee	COUNTY: Becker	POPULATION*:	1,398	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,714
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Frazee		0.69		SFY 2014 PPL Sewer System Project / Rank:	206
<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>	
0.69	\$48,549		\$76.12	0.219%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Frazee
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.69 (million)*

Freeborn County - Stab	COUNTY: Freeborn	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Unsewered Connect to Existing System		5.4	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>
5.4	\$379,949		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Freeborn County - Stables Area as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.4 (million)</i>			

French Twp	COUNTY:	POPULATION*:	445	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$54,722
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
French Twp - Wall Street		0.2675		SFY 2014 PPL Sewer System Project / Rank:	252
French Twp - Wall Street		0.2675		SFY 2014 PPL Treatment Facilities Project / Rank:	252
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.535	\$37,643	\$77.17	0.141%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of French Twp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.535 (million)</i>					

Fridley	****	COUNTY: Anoka	POPULATION*:	27,394	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,024
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
62nd Lift Station Rehabilitation			0.025		Sewer System Project	
Georgetown Lift Rehab-2013			0.025		Sewer System Project	
62nd Lift Station Rehabilitation			0.025		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.075	\$5,277	\$0.39	0.001%

*Overall cost of projects identified as of January 1, 2014 by the community of Fridley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.075 (million)*

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

Gaylord	COUNTY: Sibley	POPULATION*: 2,219	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,063
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

2014 Street and Utility Improvements	8	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>
8	\$562,888	\$521.19	1.334%

*Overall cost of projects identified as of January 1, 2014 by the community of Gaylord
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8 (million)*

Gilbert	COUNTY: St. Louis	POPULATION*: 1,881	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,974
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Aeration Building Improvements	0.25	Wastewater Treatment Facilities Project
Lower Alley Infrastructure	0.565	Sewer System Project
Southwest Upper Alley Area	0.89	Sewer System Project
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>
2.505	\$176,254	\$158.47	0.330%

*Overall cost of projects identified as of January 1, 2014 by the community of Gilbert
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.505 (million)*

Gilman	COUNTY: Benton	POPULATION*: 250	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,875
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

Power out and high water alarm monitors	0.008	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>	
0.008	\$563	\$5.69	0.010%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Gilman as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				0.008 (million)

Glencoe	COUNTY: McLeod	POPULATION*:	5,654	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,667
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Southwest Corner of Community		3.5		Sewer System Project	
South West Corner of Community		3.5		Sewer System Project	
WWTP Improvements		9		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>		
16	\$1,125,776	\$439.76	0.904%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Glencoe as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					16 (million)

Glenville	COUNTY: Freeborn	POPULATION*:	660	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,188
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2nd Street SW		0.059933		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>		
0.059933	\$4,217	\$11.68	0.028%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Glenville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.0599 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Glenwood	COUNTY: Pope	POPULATION*: 2,570	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,699
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
I and I Sewer Rehabilitation	0.75	Sewer System Project	
2009 Phase II Sewer Rehab	3.1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.85	\$270,890	\$174.64	0.489%
Overall cost of projects identified as of January 1, 2014 by the community of Glenwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			3.85 (million)
Golden Valley	COUNTY: Hennepin	POPULATION*: 20,314	MEDIAN HOUSEHOLD INCOME (MHI)*: \$82,748
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Pavement Management Projects (assoc. sewer work)	9	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
9	\$633,249	\$62.93	0.076%
Overall cost of projects identified as of January 1, 2014 by the community of Golden Valley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			9 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Golden Valley			
Gonvick	COUNTY: Clearwater	POPULATION*: 342	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,094
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Gonvick	2.1	SFY 2014 PPL Sewer System Project / Rank: 159	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.1	\$147,758	\$689.03	1.677%
Overall cost of projects identified as of January 1, 2014 by the community of Gonvick as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			2.1 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Goodhue	COUNTY: Goodhue	POPULATION*:	1,111	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,792
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Plant Improvements		0.06		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>	
0.06	\$4,222		\$9.69	0.015%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Goodhue as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.06 (million)</i>

Goodview	COUNTY: Winona	POPULATION*:	4,003	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,496
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
63rd Ave. and 5th Street Extension		0.9		Sewer System Project	
63rd Avenue and 5th Street Extension		1.2		Sewer System Project	
Sewer Line Relining and Rehabilitation		1.2		Sewer System Project	
Wenonah Road, Kowalewski/Anderson		1.5		Sewer System Project	
Kowalewski/Anderson Extension		0.95		Sewer System Project	
Original Sewer System Relining Project		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>	
7.25	\$510,117		\$266.61	0.480%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Goodview as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>7.25 (million)</i>

Graceville	COUNTY: Big Stone	POPULATION*:	556	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,917
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Graceville Wastewater Treatment Improvements		0.662		SFY 2014 PPL Treatment Facilities Project / Rank:	96

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Sewer Collection 3.881 SFY 2014 PPL Sewer System Project / Rank: 96

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.543	\$319,650	\$887.92	2.342%

*Overall cost of projects identified as of January 1, 2014 by the community of Graceville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.543 (million)*

Grand Lake Twp	COUNTY:	POPULATION*:	2,746	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$66,645
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

Grand Lake Twp - Caribou Lake 0.725 SFY 2014 PPL Treatment Facilities Project / Rank: 127

Grand Lake Twp - Caribou Lake 0.725 SFY 2014 PPL Sewer System Project / Rank: 127

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.45	\$102,023	\$77.68	0.117%

*Overall cost of projects identified as of January 1, 2014 by the community of Grand Lake Twp
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*:	1,136	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

Sewer Main Replacement 1.2 SFY 2014 PPL Sewer System Project / Rank: 201

I/I correction 1.6 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>
2.8	\$197,011	\$247.64	0.608%

--- 5 - 10 yr. ---

Sewer Lift Station Replacement 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	\$7,036	\$8.84	0.022%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Grand Marais
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.9 (million)*

Grand Meadow	COUNTY: Mower	POPULATION*:	985	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
no name given		0.1		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>	
0.1	\$7,036		\$14.87	0.029%	
--- 5 - 10 yr. ---					
no project name given		0.08		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>	
0.08	\$5,629		\$11.89	0.024%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Grand Meadow as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.18 (million)</i>					

Grand Rapids	COUNTY: Itasca	POPULATION*:	10,833	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,931
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Grand Rapids		22.087		SFY 2014 PPL Treatment Facilities Project / Rank:	184
Pokegama Avenue South/4th Street S. Reconstruction		0.55		Sewer System Project	
Industrial Force Main Replacement		2.2		Sewer System Project	
4th Avenue NE / 7th Avenue NW Reconstruction		0.2		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>	
25.037	\$1,761,628		\$302.57	0.722%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Grand Rapids as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 25.037 (million)</i>					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
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Alphabetical by Name of Community

Granite Falls	COUNTY: Yellow Medi	POPULATION*:	2,092	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Granite Falls 1		3.15		SFY 2014 PPL Treatment Facilities Project / Rank:	32
Granite Falls 2		5.39		SFY 2014 PPL Treatment Facilities Project / Rank:	44
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
8.54	\$600,883		\$588.46		
<i>Overall cost of projects identified as of January 1, 2014 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>					
					8.54 (million)

Grasston	COUNTY: Kanabec	POPULATION*:	157	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Treatment Facility Improvements		0.753		Wastewater Treatment Facilities Project	
Grasston		0.753		SFY 2014 PPL Sewer System Project / Rank: 235	
Grasston		0.753		SFY 2014 PPL Sewer System Project / Rank: 235	
Treatment Facility Improvements		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>	
3.759	\$264,487		\$4,577.66	8.517%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Grasston as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
				3.759 (million)	

Green Lake Sanitary Se	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
New London Lift Station Replacement		0.6	Sewer System Project
Spicer Lift Station Replacement		0.6	Sewer System Project

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

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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. Also per household cost
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Sludge Digestion Process		1.5	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>
2.7	\$189,975			
<i>Overall cost of projects identified as of January 1, 2014 by the community of Green Lake Sanitary Sewer and Water District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>2.7 (million)</i>

Greenbush	COUNTY: Roseau	POPULATION*:	722	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,547
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab collection system		0.08		SFY 2014 PPL Sewer System Project / Rank:	198
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.08	\$5,629	\$13.88	0.034%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Greenbush as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.08 (million)</i>

Grey Eagle	COUNTY: Todd	POPULATION*:	435	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,438
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
SCADA System		0.029		Sewer System Project	
SCADA		0.029		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>		
0.058	\$4,081	\$16.77	0.039%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Grey Eagle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.058 (million)</i>

Grove City	COUNTY: Meeker	POPULATION*:	618	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,194
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

Replacement Rehabilitation numerous sewers	4	Sewer System Project
Grove City	4.2792	SFY 2014 PPL Treatment Facilities Project / Rank: 179
Construction of New Mechanical Treatment Facilities	4.5	Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
12.7792	\$899,157	\$2,577.20	7.764%

**Overall cost of projects identified as of January 1, 2014 by the community of Grove City
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12.779 (million)**

Grygla	COUNTY: Marshall	POPULATION*:	233	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,750
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Pond Discharge structure		0.15		Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.15	\$10,554	\$56.54	0.146%		

**Overall cost of projects identified as of January 1, 2014 by the community of Grygla
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.15 (million)**

Hadley	COUNTY: Murray	POPULATION*:	73	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,250
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Unsewered Area Treatment Using Cluster Systems		0.574		Wastewater Treatment Facilities Project	
Unsewered Area Collection		0.574		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.148	\$80,774	\$2,138.15	5.183%		

**Overall cost of projects identified as of January 1, 2014 by the community of Hadley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.148 (million)**

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Hallock	COUNTY: Kittson	POPULATION*:	962	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,042
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$35,181		\$61.12	0.109%	
<i>Overall cost of projects identified as of January 1, 2014 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>

Ham Lake	COUNTY: Anoka	POPULATION*:	15,112	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$91,136
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Ham Lake		1		SFY 2014 PPL Sewer System Project / Rank: 103	
Ham Lake		1		SFY 2014 PPL Treatment Facilities Project / Rank: 103	
<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	\$140,722		\$23.17	0.025%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Ham Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2 (million)</i>

Hamburg	COUNTY: Carver	POPULATION*:	610	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,875
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Regionalize with Norwood-Young America & Service are		2.933		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>	
2.933	\$206,369		\$660.97	1.162%	
<i>Overall cost of projects identified as of January 1, 2014 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>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Hampton	COUNTY: Dakota	POPULATION*:	802	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$67,813
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Main Street Sewer Replacement		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	\$35,181		\$104.15	0.154%	
--- 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.3	\$91,469		\$270.80	0.399%	
<i>Overall cost of projects identified as of January 1, 2014 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>1.8 (million)</i>

Hanley Falls	COUNTY: Yellow Medi	POPULATION*:	275	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,208
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Hanley Falls		1.104		SFY 2014 PPL Sewer System Project / Rank: 195	
<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>	
1.104	\$77,679		\$607.92	2.012%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Hanley Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.104 (million)</i>

Hanover	COUNTY: Wright	POPULATION*:	2,171	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Trunk Sanitary Sewer and Watermain analysis 3-2007		10.468		Sewer System Project	

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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>
10.468	\$736,539	\$890.97	

*Overall cost of projects identified as of January 1, 2014 by the community of Hanover
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.468 (million)*

Hanska	COUNTY: Brown	POPULATION*:	388	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$47,404
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

Closed Circuit Cleaning TV Inspection	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	\$704	\$3.39	0.007%

*Overall cost of projects identified as of January 1, 2014 by the community of Hanska
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.01 (million)*

Hardwick	COUNTY: Rock	POPULATION*:	157	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

Update Existing Rip Rap	0.02	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>
0.02	\$1,407	\$15.45	0.053%

*Overall cost of projects identified as of January 1, 2014 by the community of Hardwick
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.02 (million)*

Hartland	COUNTY: Freeborn	POPULATION*:	281	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,542
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					

Sewer Rehabilitation	0.339	SFY 2014 PPL Sewer System Project / Rank: 225	
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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>
0.339	\$23,852	\$170.37	0.442%

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as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.339 (million)*

Hastings	****	COUNTY: Dakota	POPULATION*: 21,899	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2014 Neighborhood Infrastructure Improvements			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>	
0.6		\$42,217	\$4.14		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Hastings as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)</i>					
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hastings					

Hawley		COUNTY: Clay	POPULATION*: 1,936	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,595
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Hawley			0.716	SFY 2014 PPL Sewer System Project / Rank: 87	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.716		\$50,378	\$55.09	0.121%	
<i>Overall cost of projects identified as of January 1, 2014 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)</i>					

Hayfield		COUNTY: Dodge	POPULATION*: 1,222	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,648
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Plant Update			4.8	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>	
4.8		\$337,733	\$589.07	1.163%	

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*Overall cost of projects identified as of January 1, 2014 by the community of Hayfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.8 (million)*

Hayward	COUNTY: Freeborn	POPULATION*:	166	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$65,000
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Hayward	0.175		SFY 2014 PPL Treatment Facilities Project / Rank: 42		
<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>	
0.175	\$12,313		\$117.89	0.181%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Hayward as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.175 (million)</i>					

Hazel Run	COUNTY: Yellow Medi	POPULATION*:	35	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$59,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Hazel Run		0.447		SFY 2014 PPL Treatment Facilities Project / Rank:	5
Hazel Run		0.447		SFY 2014 PPL Sewer System Project / Rank:	5
<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>	
0.894	\$62,903		\$2,358.85	3.973%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Hazel Run as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.894 (million)</i>					

Hector	COUNTY: Renville	POPULATION*:	1,149	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,917
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Infrastructure and Plant Improvements		5		SFY 2014 PPL Sewer System Project / Rank:	110
<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	\$351,805		\$539.39	1.257%	

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*Overall cost of projects identified as of January 1, 2014 by the community of Hector
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5 (million)*

Henderson	COUNTY: Sibley	POPULATION*:	814	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Henderson Sanitary Sewer Rehab		1		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	\$70,361		\$172.08	0.328%	

*Overall cost of projects identified as of January 1, 2014 by the community of Henderson
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)*

Henning	COUNTY: Otter Tail	POPULATION*:	834	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,104
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Henning		2.59		SFY 2014 PPL Sewer System Project / Rank: 120	
Sewer Rehab/I & I		0.47		Sewer System Project	
Replace & Repair Sewer Lines to Eliminate Infiltration/In		0.484		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>	
3.544	\$249,359		\$540.78	1.796%	

*Overall cost of projects identified as of January 1, 2014 by the community of Henning
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.544 (million)*

Hermantown	COUNTY: St. Louis	POPULATION*:	9,267	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$65,233
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
TH 53 Sanitary Sewer		0.287		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.287	\$20,194	\$4.95	0.008%

Overall cost of projects identified as of January 1, 2014 by the community of Hermantown

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.287 (million)

Hibbing	COUNTY: St. Louis	POPULATION*: 16,395	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,267
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Rehab Lift Station Pump and Generator	2	SFY 2014 PPL Sewer System Project / Rank: 92
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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	\$140,722	\$14.83	0.039%

Overall cost of projects identified as of January 1, 2014 by the community of Hibbing

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)

Hill City	COUNTY: Aitkin	POPULATION*: 503	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,658
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- 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	\$42,217	\$85.00	0.331%

Overall cost of projects identified as of January 1, 2014 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*: 205	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,750
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Sewer extension and rehab	0.4125	SFY 2014 PPL Sewer System Project / Rank: 269
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Rehab Ponds	0.4125	SFY 2014 PPL Treatment Facilities Project / Rank: 269
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.825	\$58,048	\$411.36	0.844%

*Overall cost of projects identified as of January 1, 2014 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)*

Hopkins	****	COUNTY: Hennepin	POPULATION*: 17,531	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,533
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Lift station #4 Rehab		0.156	SFY 2014 PPL Sewer System Project / Rank: 173	
Lift station #4 Rehab		0.156	SFY 2014 PPL Sewer System Project / Rank: 173	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.312	\$21,953	\$2.38	0.005%	

*Overall cost of projects identified as of January 1, 2014 by the community of Hopkins
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.312 (million)*

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

Howard Lake	****	COUNTY: Wright	POPULATION*: 1,506	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,765
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
8th Avenue and 9th 11th Street		1.5	Sewer System Project	
4th St., 5th St., 13th Ave., 12th Ave., 11th Ave.		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>	
4.5	\$316,625	\$326.42	0.967%	

*Overall cost of projects identified as of January 1, 2014 by the community of Howard Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)*

Hugo	****	COUNTY: Washington	POPULATION*: 12,685	MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,406
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Rosemary Way Utility Project	0.04	Sewer System Project	
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>
0.2625	\$18,470	\$3.36	0.004%

**Overall cost of projects identified as of January 1, 2014 by the community of Hugo
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2625 (million)**

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

Hutchinson	COUNTY: McLeod	POPULATION*: 14,185	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,288
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Hutchinson	0.6138	SFY 2014 PPL Treatment Facilities Project / Rank: 58	
3M Trunk Sanitary Sewer Lining	0.3	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.9138	\$64,296	\$9.00	0.017%

**Overall cost of projects identified as of January 1, 2014 by the community of Hutchinson
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9138 (million)**

Ihlen	COUNTY: Pipestone	POPULATION*: 51	MEDIAN HOUSEHOLD INCOME (MHI)*: \$19,583
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Individual & Main Lift Station 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	\$14,072	\$383.79	1.960%
--- 5 - 10 yr. ---			
Expand Mound System	0.275	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.275	\$19,349	\$527.71	2.695%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Ihlen

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.475 (million)

International Falls	COUNTY: Koochiching	POPULATION*:	6,427	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,094
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rebuild/Rehab North Koochiching Area Sanitary District		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>	
15	\$1,055,415		\$291.82	0.970%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of International Falls</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 15 (million)</i>					

Isanti	COUNTY: Isanti	POPULATION*:	5,050	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,987
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.5	\$316,625		\$140.58	0.247%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Isanti</i>					
<i>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*:	542	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,643
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Ivanhoe Utility Improvements		3.2		SFY 2014 PPL Sewer System Project / Rank: 49	
<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>	
3.2	\$225,155		\$682.29	1.969%	
--- 5 - 10 yr. ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

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	\$7,036	\$21.32	0.062%	

*Overall cost of projects identified as of January 1, 2014 by the community of Ivanhoe
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.3 (million)*

Jackson	COUNTY: Jackson	POPULATION*: 3,300	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,873
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Sanitary Sewer Main Extensions	1.45	SFY 2014 PPL Sewer System Project / Rank: 38	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.45	\$102,023	\$58.97	0.152%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Jackson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.45 (million)</i>			

Jordan	COUNTY: Scott	POPULATION*: 5,418	MEDIAN HOUSEHOLD INCOME (MHI)*: \$68,189
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Southwest Trunk Sewer	4.3	Sewer System Project	
First Street Improvements	0.7642	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>
5.0642	\$356,322	\$161.39	0.237%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Jordan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.0642 (million)</i>			

Kabetogama Twp	COUNTY:	POPULATION*: 179	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,208
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Kabetogama Twp - Puck's Point	0.75	SFY 2014 PPL Treatment Facilities Project / Rank:	125
Kabetogama Twp - Puck's Point	0.75	SFY 2014 PPL Sewer System Project / Rank:	125
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.5	\$105,542	\$381.48	0.844%
Overall cost of projects identified as of January 1, 2014 by the community of Kabetogama Twp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.5 (million)

Kandiyohi	COUNTY: Kandiyohi	POPULATION*:	550	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,028
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
North Side Infrastructure Replacement Project	4.05		SFY 2014 PPL Sewer System Project / Rank: 61		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr.</i>	<i>Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.05	\$284,962		\$1,160.48	2.636%	
--- 5 - 10 yr. ---					
SW Sewer Line Replacement	3.8		Sewer System Project		
South Side Infrastructure Replacement Project	3.9		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr.</i>	<i>Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
7.7	\$541,780		\$2,206.34	5.011%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Kandiyohi as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
				<i>11.75 (million)</i>	

Kasson	COUNTY: Dodge	POPULATION*:	5,807	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,226
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Kasson/Mantorville WWTP Upgrade	5.59		Wastewater Treatment Facilities Project		
5th Avenue NW Rebuild	1.35		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>		
6.94	\$488,305	\$178.79	0.278%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Overall cost of projects identified as of January 1, 2014 by the community of Kasson

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.94 (million)

Keewatin	COUNTY: Itasca	POPULATION*: 1,142	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,977	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Keewatin - Valve Replacement		0.15	Wastewater Treatment Facilities Project	
Keewatin - Howard Avenue		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>	
0.45	\$31,662	\$48.63	0.168%	
--- 5 - 10 yr. ---				
Replace Primary Clarifier Drive		0.035	Wastewater Treatment Facilities Project	
RBC Cover Replacement		0.01	Wastewater Treatment Facilities Project	
RBC Cover Replacement		0.01	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>	
0.055	\$3,870	\$5.94	0.021%	

Overall cost of projects identified as of January 1, 2014 by the community of Keewatin

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.505 (million)

Kelliher	COUNTY: Beltrami	POPULATION*:	322	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,538
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Kelliher		1.645		SFY 2014 PPL Sewer System 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>	
1.645	\$115,744		\$723.40	2.726%	

Overall cost of projects identified as of January 1, 2014 by the community of Kelliher

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.645 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Kennedy	COUNTY: Kittson	POPULATION*:	158	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
5th Street East		0.16		Sewer System Project	
5th Street Project		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>	
0.32	\$22,516		\$200.63	0.469%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Kennedy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.32 (million)</i>

Kenyon	COUNTY: Goodhue	POPULATION*:	1,959	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,597
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Private Sewer improvements		0.85		Sewer System Project	
I & I Rehab		0.027		Sewer System Project	
Kenyon		0.954		SFY 2014 PPL Sewer System Project / Rank: 135	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.831	\$128,831		\$138.53	0.297%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Kenyon as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.831 (million)</i>

Kimball	COUNTY: Stearns	POPULATION*:	716	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,278
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Aeration		1		Wastewater Treatment Facilities Project	
Grinders at Main Lift		0.15		Wastewater Treatment Facilities Project	
Rehab Irrigation System		3		Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
4.15	\$291,998	\$770.67	1.394%

*Overall cost of projects identified as of January 1, 2014 by the community of Kimball
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.15 (million)*

Knife River-Larsmont	COUNTY: Lake	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Knife River Sanitary Sewer Project	9	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>
9	\$633,249		

*Overall cost of projects identified as of January 1, 2014 by the community of Knife River-Larsmont Sanitary District
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9 (million)*

Koochiching County	COUNTY: Koochiching	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Koochiching County - Island View Voyageurs	15	SFY 2014 PPL Sewer System Project / Rank:	250
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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	\$1,055,415		

*Overall cost of projects identified as of January 1, 2014 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 (million)*

La Crescent	COUNTY: Houston	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

West Bank Lift Station	0.04	Sewer System Project	
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La Crescent	0.7962	SFY 2014 PPL Sewer System Project / Rank:	241
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

West Bank Lift Station	0.04	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>
0.8762	\$61,650	\$26.70	
--- 5 - 10 yr. ---			
Wastewater Treatment Plant Modifications	0.2	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>
0.2	\$14,072	\$6.09	
<i>Overall cost of projects identified as of January 1, 2014 by the community of La Crescent as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			1.0762 (million)

La Salle	COUNTY: Watonwan	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Unsewered Collection	1.66	Sewer System Project	
Unsewered Treatment	1.66	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>
3.32	\$233,599		
<i>Overall cost of projects identified as of January 1, 2014 by the community of La Salle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			3.32 (million)

Lafayette	COUNTY: Nicollet	POPULATION*:	577	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,393
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank			
--- Current ---					
WWTP: Cover for Final Clarifier	0.1	Wastewater Treatment Facilities Project			
De-Chlorination	0.06	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>	
0.16	\$11,258	\$42.22		0.087%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Lafayette

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.16 (million)

Lake Benton	COUNTY: Lincoln	POPULATION*:	674	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,042
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	
<i>Subtotal of 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	\$193,071		\$433.33	1.396%	

Overall cost of projects identified as of January 1, 2014 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	COUNTY:	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Lake County - Larsmont		0.98		SFY 2014 PPL Sewer System Project / Rank: 258	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.98	\$68,954				

Overall cost of projects identified as of January 1, 2014 by the community of Lake County

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.98 (million)

Lake Crystal	COUNTY: Blue Earth	POPULATION*:	2,540	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$59,808
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Yearly sewer main and lift station improvements		0.25		Sewer System Project	
South Anna and south Hunt Street sewer rehab		0.1		Sewer System Project	
Secondary Sludge Storage Tank		0.4		Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Humphrey Street Lift Station - Lake	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>	
1	\$70,361	\$55.50	0.093%	

*Overall cost of projects identified as of January 1, 2014 by the community of Lake Crystal
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)*

Lake Elmo	****	COUNTY: Washington	POPULATION*: 7,997	MEDIAN HOUSEHOLD INCOME (MHI)*: \$105,739
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Section 34 Water and Sewer Utility Extension		1.8	Sewer System Project	
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>	
14.9	\$1,048,379	\$312.74	0.296%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lake Elmo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 14.9 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lake Elmo				

Lake of the Woods Cou	COUNTY:	POPULATION*: 795	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,917
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Lake of the Woods Co. - Wheelers Point		3.502	SFY 2014 PPL Treatment Facilities Project / Rank: 72
Lake of the Woods Co. - Wheelers Point		3.502	SFY 2014 PPL Sewer System Project / Rank: 72
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.004	\$492,808		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lake of the Woods County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.004 (million)</i>			

Lake Park	COUNTY: Becker	POPULATION*: 795	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,917
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Wastewater system Improvements	1.5	Sewer System Project	
Lake Park	1.783	SFY 2014 PPL Sewer System Project / Rank:	70
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.283	\$230,995	\$564.93	1.179%
Overall cost of projects identified as of January 1, 2014 by the community of Lake Park			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3.283 (million)

Lake Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

Lake Twp - Lakewood MPH	0.979	SFY 2014 PPL Sewer System Project / Rank:	325
Lake Twp - Warroad Estates/Northern Lights MPH	1.887	SFY 2014 PPL Sewer System Project / Rank:	326
Lake Twp - Warroad Estates/Northern Lights MPH	1.887	SFY 2014 PPL Treatment Facilities Project / Rank:	326
Lake Twp - Lakewood MPH	0.979	SFY 2014 PPL Treatment Facilities Project / Rank:	325
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.732	\$403,309		
Overall cost of projects identified as of January 1, 2014 by the community of Lake Twp			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.732 (million)

Lake View Twp	COUNTY:	POPULATION*:	1,846	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$63,413
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

Lake View Twp - W. Lake Melissa	0.75	Sewer System Project	
Lake View Twp - W. Lake Melissa	0.75	SFY 2014 PPL Treatment Facilities Project / Rank:	210
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.5	\$105,542	\$67.51	0.106%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 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, 2014 by the community of Lake View Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)*

Lake Washington Sanit	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Lake Washington Sanitary District		9.2464	SFY 2014 PPL Sewer System Project / Rank: 270
<i>Subtotal of 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	\$650,586		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lake Washington Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.2464 (million)</i>			

Lakefield	COUNTY: Jackson	POPULATION*:	1,641	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,438
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Plant Modifications		3.6		SFY 2014 PPL Treatment Facilities Project / Rank: 3	
Lakefield		5.66		Sewer System Project	
Wastewater Treatment Plant Updates		3.5		SFY 2014 PPL Treatment Facilities Project / Rank: 3	
2014 Street and Utility Improvements		1.5		SFY 2014 PPL Sewer System Project / Rank: 3	
Collection System Improvements		2.96		SFY 2014 PPL Sewer System Project / Rank: 3	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
17.22	\$1,211,616	\$1,389.11		3.352%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lakefield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 17.22 (million)</i>					

Laketown Twp	****	COUNTY:	POPULATION*:	2,304	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$102,396
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Laketown Twp 0.37 SFY 2014 PPL Sewer System Project / Rank: 140

<i>Subtotal of 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	\$26,034	\$32.36	0.032%

*Overall cost of projects identified as of January 1, 2014 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)*

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

Lakeville	****	COUNTY: Dakota	POPULATION*: 54,951	MEDIAN HOUSEHOLD INCOME (MHI)*: \$95,646
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Lift Station 24 Rehab			0.015	Sewer System Project
Lift Station 6 Rehab			0.025	Sewer System Project
2015 Inflow/Infiltration Mitigation			0.077	Sewer System Project
Lift Station 24 Rehab			0.015	Sewer System Project
Lift Station 6 Rehab			0.72	Sewer System Project
Sanitary Sewer Trunk Extensions			0.228	Sewer System Project
2016 Inflow/Infiltration Mitigation			0.077	Sewer System Project
2018 Inflow/Infiltration Mitigation			0.077	Sewer System Project
2016 Inflow/Infiltration Mitigation			0.077	Sewer System Project
Lift Station 6 Rehab			0.72	Sewer System Project
Lift Station 5 Rehab			0.048	Sewer System Project
Lift Station 6 Rehab			0.025	Sewer System Project
2018 Sanitary Sewer Trunk Extensions			0.138	Sewer System Project
2017 Sanitary Sewer Trunk Extensions			0.206	Sewer System Project
2017 Sanitary Sewer Trunk Extensions			0.206	Sewer System Project
2014 Inflow/Infiltration Mitigation			0.077	Sewer System Project
Lift Station 23 Rehabilitation			0.015	Sewer System Project

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Alphabetical by Name of Community

2015 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
Lift Station 16 Rehabilitation	0.035	Sewer System Project
2018 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
Lift Station 16 Rehabilitation	0.035	Sewer System Project
Lift Station 23 Rehabilitation	0.015	Sewer System Project
2018 Sanitary Sewer Trunk Extensions	0.138	Sewer System Project
Lift Station 7 Rehab	0.1	Sewer System Project
2015 Inflow/Infiltration Mitigation	0.077	Sewer System Project
2016 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
2018 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
Sanitary Sewer Trunk Extensions	0.283	Sewer System Project
2015 Sanitary Sewer Trunk Extensions	0.173	Sewer System Project
Lift Station 13 Rehab	0.035	Sewer System Project
Lift Station 5 Rehab	0.048	Sewer System Project
Lift station 19 Rehab	0.035	Sewer System Project
Lift station 19 Rehab	0.035	Sewer System Project
Lift Station Grinders 1 - 4 Rehabilitation	0.06	Sewer System Project
2014 Sanitary Sewer Trunk Extensions	0.302	Sewer System Project
Sanitary Sewer Trunk Extensions	0.283	Sewer System Project
Lift Station 7 Rehab	0.1	Sewer System Project
2015 Sanitary Sewer Trunk Extensions	0.173	Sewer System Project
Lift Station 13 Rehab	0.035	Sewer System Project
2017 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
2016 Sanitary Sewer Trunk Extensions	0.072	Sewer System Project
2016 Sanitary Sewer Trunk Extensions	0.072	Sewer System Project
Lift station 11 Rehab	0.04	Sewer System Project

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Alphabetical by Name of Community

Lift station 11 Rehab	0.04	Sewer System Project
Sanitary Sewer Trunk Extensions	0.228	Sewer System Project
2015 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
2014 Sanitary Sewer Rehabilitation	0.175	Sewer System Project
2014 Inflow/Infiltration Mitigation	0.077	Sewer System Project
2017 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
2014 Sanitary Sewer Rehabilitation	0.175	Sewer System Project
Multiple Lift Stations rehab.	0.069	Sewer System Project
2014 Sanitary Sewer Trunk Extensions	0.302	Sewer System Project
Lift Station 8 Rehab	0.035	Sewer System Project
Multiple Lift Stations rehab.	0.069	Sewer System Project
2017 Inflow/Infiltration Mitigation	0.077	Sewer System Project
2017 Inflow/Infiltration Mitigation	0.077	Sewer System Project
2016 Sanitary Sewer Rehabilitation	0.077	Sewer System Project
2018 Inflow/Infiltration Mitigation	0.077	Sewer System Project
Lift Station 12 Rehab	0.035	Sewer System Project
Lift Station 12 Rehab	0.035	Sewer System Project
Lift Station 8 Rehab	0.035	Sewer System Project
Lift Station Grinders 1 - 4 Rehabilitation	0.06	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
7.074	\$497,734	\$23.51
<i>--- 5 - 10 yr. ---</i>		<i>Annual Household Cost as % MHI</i>
		0.025%
Lift Station 9 Rehab	0.015	Sewer System Project
Lift Station 9 Rehab	0.015	Sewer System Project
Lift Station 10 Rehab	0.2	Sewer System Project
Lift Station 10 Rehab	0.2	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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**Appendix 2: 2013 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>
0.43	\$30,255	\$1.43	0.001%

--- 10 - 20 yr. ---

Lift Station 20 Rehab	0.035	Sewer System Project
Lift Station 4 Rehabilitation	0.15	Sewer System Project
Lift Stations 16 and 23 Rehab	0.05	Sewer System Project
Lift Stations 16 and 23 Rehab	0.05	Sewer System Project
Lift Station 20 Rehab	0.035	Sewer System Project
Lift Station 4 Rehabilitation	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>
0.47	\$33,070	\$1.56	0.002%

Overall cost of projects identified as of January 1, 2014 by the community of Lakeville

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.974 (million)

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

Lamberton	COUNTY: Redwood	POPULATION*:	938	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

1021 Infrastructure Improvements	1.78	SFY 2014 PPL Sewer System Project / Rank: 57
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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>
1.78	\$125,243	\$269.66	0.703%

Overall cost of projects identified as of January 1, 2014 by the community of Lamberton

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.78 (million)

Lancaster	COUNTY: Kittson	POPULATION*:	286	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,646
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- 5 - 10 yr. ---

Sewer System	0.1	Sewer System Project
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.1	\$7,036	\$30.89	0.092%

*Overall cost of projects identified as of January 1, 2014 by the community of Lancaster
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)*

Lansing Twp	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Lansing Twp - Expansion of Treatment Facilities	0.647	Wastewater Treatment Facilities Project
Lansing Twp	0.647	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>
1.294	\$91,047		

*Overall cost of projects identified as of January 1, 2014 by the community of Lansing Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.294 (million)*

Lansing Twp 2 (Woodh	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Lansing Twp 2 (Woodhaven, etc.)	3.2	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>
3.2	\$225,155		

*Overall cost of projects identified as of January 1, 2014 by the community of Lansing Twp 2 (Woodhaven, etc.)
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.2 (million)*

Laporte	COUNTY: Hubbard	POPULATION*:	193	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Laporte		0.125		SFY 2014 PPL Sewer System Project / Rank:	274

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Laporte	0.125	SFY 2014 PPL Treatment Facilities Project / Rank:	274
Laporte - Unsewered	0.1	SFY 2014 PPL Sewer System Project / Rank:	284
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.35	\$24,626	\$205.22	0.521%
Overall cost of projects identified as of January 1, 2014 by the community of Laporte as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.35 (million)

Le Center	COUNTY: Le Sueur	POPULATION*: 2,431	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,000
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
2011-2012 Infrastructure Improvements	7.02	Sewer System Project	
Rehab collection system	7.541	SFY 2014 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>
14.561	\$1,024,527	\$929.51	2.066%
<i>Overall cost of projects identified as of January 1, 2014 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>			
			14.561 (million)

Le Roy	COUNTY: Mower	POPULATION*:	922	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,892
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- 5 - 10 yr. ---					
Rehabilitation of stations		0.4		SFY 2014 PPL Sewer System Project / Rank:	215
Rehabilitation of stations		0.4		SFY 2014 PPL Sewer System Project / Rank:	215
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 sewer (E. Sargent St)		0.4		Sewer System Project	
Rehabilitation of sewer (E. Co. Rd & Read St)		0.4		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
2.4	\$168,866	\$300.95	0.686%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Le Roy
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.4 (million)*

Le Sueur	COUNTY: Le Sueur	POPULATION*:	4,084	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
North Second Street Rehab		0.3		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>	
0.3	\$21,108		\$10.50		

*Overall cost of projects identified as of January 1, 2014 by the community of Le Sueur
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)*

Lester Prairie	COUNTY: McLeod	POPULATION*:	1,526	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$61,346
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2013 CIPP Sanitary Sewer Rehabilitation		0.066		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>	
0.066	\$4,644		\$6.93	0.011%	

*Overall cost of projects identified as of January 1, 2014 by the community of Lester Prairie
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.066 (million)*

Lewiston	COUNTY: Winona	POPULATION*:	1,779	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,071
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Grinder Pump Installation		0.035		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>	
0.035	\$2,463		\$3.35	0.006%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Lewiston

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.035 (million)

Lewisville	COUNTY: Watonwan	POPULATION*:	229	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,232
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	\$35,181		\$316.62	1.163%	

Overall cost of projects identified as of January 1, 2014 by the community of Lewisville

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)

Lilydale	****	COUNTY: Dakota	POPULATION*:	818	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$86,161
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---						
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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.5	\$35,181		\$67.08	0.078%		

Overall cost of projects identified as of January 1, 2014 by the community of Lilydale

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 Lilydale

Lime Creek	COUNTY: Murray	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Collection and Cluster Systems in Unsewered Area		0.5606		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>	
0.5606	\$39,444				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Lime Creek
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5606 (million)*

Lindstrom	COUNTY: Chisago	POPULATION*:	4,364	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$57,401
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Mentzer / Melody Connect Unsewered Area to CLJSD		0.54		SFY 2014 PPL Sewer System Project / Rank:	281
Sewer Lining - Rehab collection system		0.15		SFY 2014 PPL Sewer System Project / Rank:	230
Sylvan Avenue Sewer Reconstruct		0.25		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>	
0.94	\$66,139		\$28.94	0.050%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lindstrom as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.94 (million)</i>					

Lino Lakes	****	COUNTY: Anoka	POPULATION*:	19,996	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$95,138
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
Lift 5 - 1473 Snow Goose Trail			0.055		Sewer System Project	
Black Duck Drive			0.11		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>		
0.165	\$11,610		\$1.67	0.002%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lino Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.165 (million)</i>						
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lino Lakes						

Litchfield	COUNTY: Meeker	POPULATION*:	6,742	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$47,637
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Facility improvements		14.857		Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
14.857	\$1,045,353	\$314.87	0.661%

*Overall cost of projects identified as of January 1, 2014 by the community of Litchfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 14.857 (million)*

Little Canada	****	COUNTY: Ramsey	POPULATION*: 9,722	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,070
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Keller Lift Station Wet Well Replacement			0.125	Sewer System Project
Keller Lift Station Force Main Replacement			0.125	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		\$17,590	\$3.47	0.007%

*Overall cost of projects identified as of January 1, 2014 by the community of Little Canada
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)*

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

Littlefork		COUNTY: Koochiching	POPULATION*: 656	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,692
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 10 - 20 yr. ---				
Collection lines and lift stations			0.3	Sewer System Project
Stabilization Ponds			0.125	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>
0.425		\$29,903	\$76.24	0.160%

*Overall cost of projects identified as of January 1, 2014 by the community of Littlefork
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.425 (million)*

Long Lake	****	COUNTY: Hennepin	POPULATION*: 1,951	MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,938
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Sewer Lining Project and Leaking Service Repair		0.34	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>	
0.34	\$23,923	\$27.22	0.038%	

Overall cost of projects identified as of January 1, 2014 by the community of Long Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.34 (million)

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

Long Prairie	COUNTY: Todd	POPULATION*: 3,437	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,979
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Long Prairie	5.061	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>
5.061	\$356,097	\$196.62	0.546%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Long Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.061 (million)</i>			

Longville	COUNTY: Cass	POPULATION*: 119	MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
South Side Sewer Replacement	0.75	SFY 2014 PPL Sewer System Project / Rank: 244	
<i>Subtotal of 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	\$52,771	\$365.34	1.538%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Longville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)</i>			

Lonsdale	COUNTY: Rice	POPULATION*: 3,466	MEDIAN HOUSEHOLD INCOME (MHI)*: \$68,718
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Sludge drying Facilities	2.5	Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

DRS 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>	
2.65	\$186,457	\$116.21	0.169%	
--- 5 - 10 yr. ---				
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>	
6.4	\$450,310	\$280.66	0.408%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lonsdale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			9.05 (million)	

Loretto	COUNTY: Hennepin	POPULATION*:	739	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$70,781
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
County Road 19	0.025		Sewer System Project		
Loretto - Regionalize with MCES	1.2625		SFY 2014 PPL Sewer System Project / Rank: 35		
<i>Subtotal of 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	\$90,590	\$269.08	0.380%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Loretto as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
			1.2875 (million)		

Louisburg	COUNTY: Lac qui Parle	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Louisburg		0.2805	SFY 2014 PPL Sewer System Project / Rank: 163	
Louisburg		0.2805	SFY 2014 PPL Treatment Facilities Project / Rank: 163	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.561	\$39,473			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 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*:	180	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Lucan		2.105		SFY 2014 PPL Treatment Facilities Project / Rank:	59
Rehab existing WWTF		2.5		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>	
4.605	\$324,012		\$2,916.11	6.943%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Lucan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.605 (million)</i>					

Luverne	COUNTY: Rock	POPULATION*: 4,690	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,913
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Luverne Street Sewer Line Project	89.88	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>
89.88	\$6,324,047	\$2,493.05	6.754%
--- 5 - 10 yr. ---			
Second Oxidation Ditch	1.775	Wastewater Treatment Facilities Project	
Barck Street Utility Improvements	0.1365	Sewer System Project	
Koehn Ave. Extension	0.1555	Sewer System Project	
Phophorus removal	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>
2.567	\$180,617	\$71.20	0.193%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Luverne
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 92.447 (million)*

Mabel	COUNTY: Fillmore	POPULATION*:	761	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,688
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Treatment Facility Rehabilitation		0.06		Wastewater Treatment Facilities Project	
Sanitary Sewer Rehabilitation Project		2.2		SFY 2014 PPL Sewer System Project / Rank: 111	
<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>	
2.26	\$159,016		\$327.49	0.944%	

*Overall cost of projects identified as of January 1, 2014 by the community of Mabel
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.26 (million)*

Madison	COUNTY: Lac qui Parle	POPULATION*:	1,572	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,136
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Improvements		2.6		Wastewater Treatment Facilities Project	
Madison		3.41		SFY 2014 PPL Treatment Facilities Project / Rank: 177	
<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>	
6.01	\$422,870		\$439.98	1.070%	

*Overall cost of projects identified as of January 1, 2014 by the community of Madison
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.01 (million)*

Mahnomen	COUNTY: Mahnomen	POPULATION*:	1,526	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,853
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rip Rap Repair on Pond 1 and 2		0.3		SFY 2014 PPL Treatment Facilities Project / Rank: 154	
1st Street (Washington to Roosevelt)		1.3		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Railing Street (Jefferson to Wigham)	0.389	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>	
1.989	\$139,948	\$185.23	0.582%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mahnomon as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				1.989 (million)

Mahtomedi	****	COUNTY: Washington	POPULATION*: 7,718	MEDIAN HOUSEHOLD INCOME (MHI)*: \$94,659
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Quail Road Lift Station & Street and Utility Improvement		1.33	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>	
1.33	\$93,580	\$30.67	0.032%	
--- 5 - 10 yr. ---				
Wedgewood Drive Lift Station Reconstruction		0.15	Sewer System Project	
Quail, Laurel, Dwinneel, Hazel Street & Utility Improvement		3.152	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>	
3.302	\$232,332	\$76.15	0.080%	
--- 10 - 20 yr. ---				
Ideal Ave Street and Utility Improvement		1.4	Sewer System Project	
Long Lake Road/South Lincolntown Street and Utility Project		0.9	Sewer System Project	
Bichner Lane & Bevins Lane Street & Utility Improvement		1.25	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>	
3.55	\$249,782	\$81.87	0.086%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mahtomedi as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			8.182 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mahtomedi				

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

Manchester	COUNTY: Freeborn	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Unsewered collection	1.604	Sewer System Project
Unsewered treatment	1.604	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
3.208	\$225,718	Annual Household Cost as % MHI

Overall cost of projects identified as of January 1, 2014 by the community of Manchester
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.208 (million)

Mankato	COUNTY: Blue Earth	POPULATION*: 38,725	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Ellis Birchwood	1.25	Sewer System Project	
Mankato - Knollwood Park	1.214	SFY 2014 PPL Sewer System Project / Rank: 11	
Stoltzman	2.19	Sewer System Project	
Viking Ct	2.69	Sewer System Project	
Lime Township Phase 2	2.1	Sewer System Project	
Lime Township Phase 2	2.1	Sewer System Project	
TH 83 ?? Sewer Extension	1.5	Sewer System Project	
Huffman Road Sewer Extension	1.5	Sewer System Project	
Mills-Thompson Ravine	0.75	Sewer System Project	
Hoffman Road Sewer Extension	1.5	Sewer System Project	
Pohl Road Trunk Sewer	2.5	Sewer System Project	
Mankato - Schaefer's Addition	2.308	SFY 2014 PPL Sewer System Project / Rank: 148	
Mullberry street lift station-force main	0.5	Sewer System Project	
TH 83 Sanitary Sewer Extension	1.5	Sewer System Project	
Rehab of Primary and Secondary Clarifiers	6.6	SFY 2014 PPL Treatment Facilities Project / Rank: 183	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
30.202	\$2,125,043	\$121.75	
--- 5 - 10 yr. ---			
Warren Street	0.1278	Sewer System Project	
Ellis MSU	1.25	Sewer System Project	
CSAH 26 Lift Station	2.2	Sewer System Project	
CSAH 26 Lift Station	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>
5.7778	\$406,532	\$23.29	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			35.98 (million)

Mantorville	COUNTY: Dodge	POPULATION*: 1,175	MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,014
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
WWTF Improvements	2.1	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>
2.1	\$147,758	\$307.12	0.458%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mantorville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.1 (million)

Maple Grove	****	COUNTY: Hennepin	POPULATION*: 60,241	MEDIAN HOUSEHOLD INCOME (MHI)*: \$94,199
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Eagle Lake Trunk Sanitary Rehabilitation Project		2.8	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>
2.8		\$197,011	\$7.58	0.008%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Maple Grove
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.8 (million)*

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

Maple Lake	COUNTY: Wright	POPULATION*: 1,960	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,673
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Maple Lake	1.5118	SFY 2014 PPL Sewer System Project / Rank: 123	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5118	\$106,372	\$113.03	0.223%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Maple Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5118 (million)</i>			

Maple Plain	***	COUNTY: Hennepin	POPULATION*: 1,732	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,579
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Oak Street - Boundary Avenue (Budd to Boundary & Mai		0.268	Sewer System Project	
Budd Avenue Sewer Main		0.196	Sewer System Project	
Main Street West - Rainbow Avenue		2.9	Sewer System Project	
Main Street - Maple Avenue Downtown Redevelopment		1.9	Sewer System Project	
Drake Street - Gladview Lane Reconstruction Project		1.104	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>	
6.755	\$475,289	\$535.37	0.946%	
--- 5 - 10 yr. ---				
Perkins Lane-Bradford Street Reconstruction Project		1.153	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>	
1.153	\$81,126	\$91.38	0.162%	

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

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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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projects indicated; does not include community operation and
maintenance costs or existing wastewater infrastructure debt
service payments where applicable. Also per household cost
may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Maple Plain

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.908 (million)

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

Mapleton	COUNTY: Blue Earth	POPULATION*: 2,061	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,009
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Mapleton	1.025	SFY 2014 PPL Treatment Facilities Project / Rank: 94	
2013 Utility Improvements	1.3	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>
2.325	\$163,589	\$195.79	0.376%

Overall cost of projects identified as of January 1, 2014 by the community of Mapleton

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.325 (million)

Maplewood	****	COUNTY: Ramsey	POPULATION*: 37,572	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,594
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
09-08 English/Highway 36		0.045	Sewer System Project	
12-09 Sunrise-Arkwright Neighborhood Reconstruction		0.616	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>	
0.661	\$46,509	\$2.71	0.005%	

Overall cost of projects identified as of January 1, 2014 by the community of Maplewood

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.661 (million)

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

Marshall	COUNTY: Lyon	POPULATION*: 13,534	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,234
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Solids Contact Clarifier Replacement	0.7	Wastewater Treatment Facilities Project	
North 5th - Pleasant Avenue	0.2	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

North 1st street Reconstruction	0.2	Sewer System Project	
Trunk Hwy 23 Sewer Project	0.05	Sewer System Project	
Replace existing sewer	0.34	Sewer System Project	
Park Avenue Sewer Replacement	0.07	Sewer System Project	
West College Drive Sewer Replacement	0.09	Sewer System Project	
Justice Park Sewer Replacement	0.5	Sewer System Project	
Kossuth Avenue Reconstruction Project	1.3	Sewer System Project	
West Redwood - North 3rd - West Marshall Street Recons	0.25	Sewer System Project	
Elm and North 4th Sewer Replacement	0.1	Sewer System Project	
North 3rd West Lyon Sewer Replacement	0.2	Sewer System Project	
East Redwood Sewer Replacement	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>
4.1	\$288,480	\$44.28	0.102%
--- 5 - 10 yr. ---			
Sewer Main Replacement	1.7	Sewer System Project	
Future Upgrades Due to New Permit Limits	25	Wastewater Treatment Facilities Project	
North Industrial Park	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>
27	\$1,899,747	\$291.57	0.674%
Overall cost of projects identified as of January 1, 2014 by the community of Marshall			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			31.1 (million)

Mayer	COUNTY: Carver	POPULATION*: 1,306	MEDIAN HOUSEHOLD INCOME (MHI)*: \$84,875
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Sanitary Sewer Rehabilitation	0.04	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.04	\$2,814	\$5.09	0.006%

--- 5 - 10 yr. ---

Sludge, Storage and WWPT Expansion	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	\$52,771	\$95.37	0.112%

*Overall cost of projects identified as of January 1, 2014 by the community of Mayer
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.79 (million)*

Maynard	COUNTY: Chippewa	POPULATION*:	498	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,328
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

Maynard	3.303	SFY 2014 PPL Sewer System Project / Rank: 46
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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>
3.303	\$232,402	\$1,106.68	2.678%

*Overall cost of projects identified as of January 1, 2014 by the community of Maynard
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.303 (million)*

Mazeppa	COUNTY: Wabasha	POPULATION*:	675	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$54,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

Wastewater Treatment Plant	0.5	SFY 2014 PPL Sewer System Project / Rank: 213
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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	\$35,181	\$86.98	0.159%

*Overall cost of projects identified as of January 1, 2014 by the community of Mazeppa
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)*

MCES - Metro Council	COUNTY: Metro Count	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

North Area Interceptor Rehabilitation [New to 2014 MCE	90.001	Sewer System Project
Golden Valley Area Improv.	21.4	Sewer System Project
Lift Station Improvements	20.889	Sewer System Project
Interceptor Rehabilitation Program	20.115	Sewer System Project
Mpls. Interceptor 1-MN-310/320 Diversion	56.314	Sewer System Project
Hopkins System Improvements	40.192	Sewer System Project
Chaska Lift Station	10	Sewer System Project
Interceptor Rehabilitation - Trenchless	8.377	Sewer System Project
Rural Area Acquisitions & Improvements	9.592	Wastewater Treatment Facilities Project
Bloomington System Improvements	6	Sewer System Project
Forcemain Rehabilitation	10.001	Sewer System Project
Energy Conservation and Recovery	4.325	Wastewater Treatment Facilities Project
St Bonifacius LS/FM Rehabilitation	14.971	Sewer System Project
Seneca Interceptor System Rehabilitation [New to 2013	127	Sewer System Project
Waconia Lift Station Forcemain Rehabilitation [New to 2	13.972	Sewer System Project
Elm Creek - Corcoran/Rogers Connections [New to MCE	6.715	Sewer System Project
SWC Interceptor - Lake Elmo Connections	7.323	Sewer System Project
Brooklyn Park LS/FM Rehabilitation	9.43	Sewer System Project
Hastings WWTP	8.672	Wastewater Treatment Facilities Project
Mpls Interceptor System Rehabilitation	56.314	Sewer System Project
Empire Plant - Solids Processing	13.84	Wastewater Treatment Facilities Project
MWWTP Nutrient Removal	1.562	Wastewater Treatment Facilities Project
MWWTP Solids - Improvements	33.409	Wastewater Treatment Facilities Project
Metro Rehabilitation & Facilities Improvements	92.608	Wastewater Treatment Facilities Project
Meter Improvements	11.836	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Odor Control Improvements [Replaces "Systemwide Odor	2.715	Sewer System Project	
Small System Improvement Projects	5.609	Wastewater Treatment Facilities Project	
Blue Lake Plant Improvements	2.713	Wastewater Treatment Facilities Project	
Blue Lake System Improvements	112.4	Sewer System Project	
Seneca Plant Solids Processing Improve.	19.177	Wastewater Treatment Facilities Project	
Maple Plain Area Improvements	21.287	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>
858.759	\$60,423,142		
--- 5 - 10 yr. ---			
Meter Improvements	4.734	Sewer System Project	
Hastings WWTP	50.669	Wastewater Treatment Facilities Project	
North Area Interceptor Rehabilitation [New to 2014 MCE	50	Sewer System Project	
East Bethel WWTP Phase II - Interceptor	14	Sewer System Project	
Forcemain Rehabilitation	20	Sewer System Project	
Crow River Water Reclamation Plant	3	Wastewater Treatment Facilities Project	
Interceptor Rehabilitation Program	8.046	Sewer System Project	
Small System Improvement Projects	2.243	Wastewater Treatment Facilities Project	
St Bonifacius LS/FM Rehabilitation	2.201	Sewer System Project	
Lift Station Improvements	7.356	Sewer System Project	
MWWTP Solids - Improvements	95.764	Wastewater Treatment Facilities Project	
Blue Lake System Improvements	25.57	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>
283.583	\$19,953,183		
<i>Overall cost of projects identified as of January 1, 2014 by the community of MCES - Metro Council Env. Services</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1142.3 (million)</i>			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

McGrath	COUNTY: Aitkin	POPULATION*:	72	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
McGrath - Corrective Action Project		0.5		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>	
0.5	\$35,181		\$586.34	1.828%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of McGrath as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.5 (million)</i>

Medford	COUNTY: Steele	POPULATION*:	1,274	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,265
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
CSAH 12		0.025		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>	
0.025	\$1,759		\$3.35	0.005%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Medford as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.025 (million)</i>

Melrose	COUNTY: Stearns	POPULATION*:	3,559	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,139
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment Plant Improvements		8		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>	
8	\$562,888		\$384.66	0.852%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Melrose as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>8 (million)</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Menahga	COUNTY: Wadena	POPULATION*:	1,186	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,458
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Blueberry Addition - Utility Extensions		0.14		SFY 2014 PPL Sewer System Project / Rank:	243
Oak Avenue (Rittenhouse Addition) - Utility Extensions		0.12		SFY 2014 PPL Sewer System Project / Rank:	243
1st Street NW (TH 7 to Fir Avenue NW)		0.265		SFY 2014 PPL Sewer System Project / Rank:	243
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.525	\$36,940		\$49.47	0.157%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Menahga as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.525 (million)</i>					

Mendota Heights ****	COUNTY: Dakota	POPULATION*:	11,191	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$97,560
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Mendota Heights Pond & Northland Drive Lift Station Re		0.281		Sewer System Project	
Ridge Place Sanitary Sewer Rehabilitation		0.315		Sewer System Project	
Annual Sewer Cleaning, Televising, Lining		0.148		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>	
0.744	\$52,349		\$9.94	0.010%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mendota Heights as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.744 (million)</i>					
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mendota Heights					

Mentor	COUNTY: Polk	POPULATION*:	150	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,444
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Mentor		0.923		SFY 2014 PPL Treatment Facilities Project / Rank:	204
Mentor		0.923		SFY 2014 PPL Sewer System Project / Rank:	204

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
1.846	\$129,886	\$942.72	3.857%

*Overall cost of projects identified as of January 1, 2014 by the community of Mentor
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.846 (million)*

Milaca	COUNTY: Mille Lacs	POPULATION*: 2,944	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,978
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- 10 - 20 yr. ---

Milaca Wastewater Treatment Facility	13.13	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>
13.13	\$923,840	\$617.72	1.766%

*Overall cost of projects identified as of January 1, 2014 by the community of Milaca
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.13 (million)*

Milroy	COUNTY: Redwood	POPULATION*: 201	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,375
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Sunrise Addition	0.5	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>
0.5	\$35,181	\$277.74	0.764%

*Overall cost of projects identified as of January 1, 2014 by the community of Milroy
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)*

Minneapolis	COUNTY: Hennepin	POPULATION*: 381,833	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,478
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Minneapolis - MN320	0.75	SFY 2014 PPL Sewer System Project / Rank: 41
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Minneapolis - Flow Meter	0.9	SFY 2014 PPL Sewer System Project / Rank: 39
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Inflow Disconnect	7.5	SFY 2014 PPL Sewer System Project / Rank:	40
Minneapolis - War Department Tunnel	0.55	SFY 2014 PPL Sewer System Project / Rank:	168
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.7	\$682,502	\$3.33	0.007%
--- 10 - 20 yr. ---			
10-20 year need	60	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>
60	\$4,221,660	\$20.60	0.043%
Overall cost of projects identified as of January 1, 2014 by the community of Minneapolis			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			69.7 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Minneapolis			

Minneota	COUNTY: Lyon	POPULATION*: 1,301	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,833
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Jefferson St/ TH 68 Sanitary Storm Sewer Improvements	2.35	Sewer System Project	
2nd street project	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>
2.65	\$186,457	\$268.07	0.657%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Minneota</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.65 (million)</i>

Minnetonka	****	COUNTY: Hennepin	POPULATION*: 49,766	MEDIAN HOUSEHOLD INCOME (MHI)*: \$81,588
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Sewer Efficiency Projects		0.575	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>
0.575		\$40,458	\$1.58	0.002%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 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, 2014 by the community of Minnetonka

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.575 (million)

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

Minnetrista	****	COUNTY: Hennepin	POPULATION*: 6,157	MEDIAN HOUSEHOLD INCOME (MHI)*: \$112,853
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Minnetrista		0.711	SFY 2014 PPL Sewer System Project / Rank: 174	
Annual Sewer Rehabilitation Program		0.68	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.391		\$97,872	\$39.59	0.035%

Overall cost of projects identified as of January 1, 2014 by the community of Minnetrista

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.391 (million)

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

Montevideo		COUNTY: Chippewa	POPULATION*: 5,343	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,262
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Reline sewer system lines		0.035	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.035		\$2,463	\$0.90	0.002%

Overall cost of projects identified as of January 1, 2014 by the community of Montevideo

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.035 (million)

Monticello		COUNTY: Wright	POPULATION*: 12,506	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,748
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
In Signia Lift Station and Forcemain		0.4	Sewer System Project	
Add 4th sbr tank		2.042	Wastewater Treatment Facilities Project	
Otter Creek Force main Extension to SE I		1.8	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Monticello	8.781	SFY 2014 PPL Treatment Facilities Project / Rank:	203
Wastewater Treatment	3.5	Wastewater Treatment Facilities Project	
Marvin Road Lift Station Pump Replacement	0.33	Sewer System Project	
12 inch Featherstone Trunk Sanitary Sewer	0.55	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
17.403	\$1,224,492	\$223.18	0.334%
--- 5 - 10 yr. ---			
Southeast Interceptor (Reservoir Lift Station to South City)	2.5	Sewer System Project	
18 inch northwest trunk sanitary sewer phase 2	0.41	Sewer System Project	
Replace interceptor from hart blvd. to WWTP	0.4	Sewer System Project	
18 inch 85th st. ne sanitary trunk sewer	0.4	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.71	\$261,039	\$47.58	0.071%
--- 10 - 20 yr. ---			
18 inch southeast interceptor-east phase I	0.56	Sewer System Project	
Long Lake Lift Station and Forcemain	0.465	Sewer System Project	
36 inch southeast interceptor phase 3	0.002	Sewer System Project	
Southeast area lift station and forcemain	0.425	Sewer System Project	
12 inch Southeast interceptor-east phase 2	0.63	Sewer System Project	
Add sbr tanks 5 and 6	6	Wastewater Treatment Facilities Project	
18 inch southeast interceptor-west phase 1	0.6	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
8.682	\$610,874	\$111.34	0.167%
Overall cost of projects identified as of January 1, 2014 by the community of Monticello as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			29.795 (million)

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
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Alphabetical by Name of Community

Montrose	COUNTY: Wright	POPULATION*: 2,726	MEDIAN HOUSEHOLD INCOME (MHI)*: \$61,413
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Emerson Avenue Reconstruct	0.132	Sewer System Project	
TH 25 Improvements	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>
0.632	\$44,468	\$39.31	0.064%
--- 5 - 10 yr. ---			
1st St N and 2nd St S Reconstruct	0.18	Sewer System Project	
Sanitary Sewer Lining	0.9	Sewer System Project	
Wastewater Treatment Facility Improvements	7	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>
8.08	\$568,517	\$502.62	0.818%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Montrose as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>8.712 (million)</i>

Moorhead	COUNTY: Clay	POPULATION*: 37,358	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,794
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
WWTP: LOX Storage Tank Improvement	0.25	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #19	0.27	Sewer System Project	
WWTP: Aeration Mixer Improvements	1.06	Wastewater Treatment Facilities Project	
Odor and Corrosion Control Improvement	1.68	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #17	0.05	Sewer System Project	
Plant Electric System	0.37	Wastewater Treatment Facilities Project	
Sanitary Lift Station Rehab & Expansion: #8	0.26	Sewer System Project	
Sanitary Lift Station Rehab & Expansion: #13	0.42	SFY 2014 PPL Sewer System Project / Rank: 187	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Lift Station Rehab & Expansion: #1	1.41	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #16	0.05	Sewer System Project
Maintenance Shop HVAC	0.16	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #22	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #28	0.02	Sewer System Project
High Voltage Distribution Equipment	0.19	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
Disinfection Phase 2	0.53	Wastewater Treatment Facilities Project
Oxygen System Compressor Phase 2	0.28	Wastewater Treatment Facilities Project
Effluent Nitrification MMC, PLC	0.7	Wastewater Treatment Facilities Project
Primary Sludge Pumps	0.18	Wastewater Treatment Facilities Project
WWTP: Plant Flushing Water System	0.56	Wastewater Treatment Facilities Project
Scum Handling Phase 2	0.08	Wastewater Treatment Facilities Project
WWTP: Disinfection System Improvement	0.7	Wastewater Treatment Facilities Project
WWTP: Water System Improvement	0.13	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: Oxygen System Pneumatic /Electric Controls	0.32	Wastewater Treatment Facilities Project
WWTP: Plant Air Compressor Improvement	0.6	Wastewater Treatment Facilities Project
WWTP: Final Clarifier Sludge System Improv.	1.67	Wastewater Treatment Facilities Project
Oxygen System Compressor Phase 1	0.57	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #7	0.09	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #39	0.14	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #15	0.19	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Lift Station Rehab & Expansion: #17	0.03	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: #14	0.11	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #4	0.14	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #16	0.03	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #25	0.11	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
14.95	\$1,051,897	\$62.70	0.134%	
--- 5 - 10 yr. ---				
WWTP: Bar Screen Conveyor Improvement	0.1	Wastewater Treatment Facilities Project		
WWTP: Bar Screen Improvement	1.32	Wastewater Treatment Facilities Project		
Sanitary Lift Station Rehab & Expansion: #27	0.06	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #39	0.01	SFY 2014 PPL Sewer System Project / Rank:	187	
Sanitary Lift Station Rehab & Expansion: #24	0.08	SFY 2014 PPL Sewer System Project / Rank:	187	
Sanitary Lift Station Rehab & Expansion: #31	0.07	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #3	0.15	SFY 2014 PPL Sewer System Project / Rank:	187	
Sanitary Lift Station Rehab & Expansion: #38	0.04	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #26	0.05	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #5	0.16	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #11	0.22	Sewer System Project		
Sanitary Lift Station Rehab & Expansion: #6	0.02	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.28	\$160,423	\$9.56	0.020%	
--- 10 - 20 yr. ---				
Scum Handling Phase 4	0.07	Wastewater Treatment Facilities Project		
Secondary Treatment MMC, PLC, HVAC	1.26	Wastewater Treatment Facilities Project		

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** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Lift Station Rehab & Expansion: #12	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #32	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #10	0.09	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #35	0.13	Sewer System Project
WWTP: Primary Clarifier Drive	0.99	Wastewater Treatment Facilities Project
WWTP: Vertical Turbine Pump Improvement	0.66	Wastewater Treatment Facilities Project
Septage Receiving Equipment	0.022	Wastewater Treatment Facilities Project
WWTP: RAS Pump Valve Improvement	0.31	Wastewater Treatment Facilities Project
Headworks Equipment	1.76	Wastewater Treatment Facilities Project
Grit Cyclone	0.07	Wastewater Treatment Facilities Project
Grit Pumps	0.07	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #36	0.05	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #42	0.01	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #37	0.15	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #43	0.007	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
Sanitary Lift Station Rehab & Expansion: #2	0.01	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #20	0.11	Sewer System Project
Sanitary Lift Station Rehab & Expansion: #34	0.05	SFY 2014 PPL Sewer System Project / Rank: 187
Primary Scum Collection	0.42	Wastewater Treatment Facilities Project
Sanitary Lift Station Rehab & Expansion: #28	0.04	SFY 2014 PPL Sewer System Project / Rank: 187
Sanitary Lift Station Rehab & Expansion: #18	0.16	SFY 2014 PPL Sewer System Project / Rank: 187
Sanitary Lift Station Rehab & Expansion: #41	0.006	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>
6.625	\$466,142	\$27.79	0.059%

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Appendix 2: 2013 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, 2014 by the community of Moorhead

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 23.855 (million)

Moose Lake	COUNTY: Carlton	POPULATION*:	2,715	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,485
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Treatment Plant Flood Risk Reduction		1		SFY 2014 PPL Treatment Facilities Project / Rank:	21
Wastewater Treatment Facility Improvements		2		SFY 2014 PPL Treatment Facilities Project / Rank:	21
<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	\$211,083		\$222.45	0.563%	
--- 5 - 10 yr. ---					
Lagoon Expansion		1.5		SFY 2014 PPL Treatment Facilities Project / Rank:	21
<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>	
1.5	\$105,542		\$111.23	0.282%	
Overall cost of projects identified as of January 1, 2014 by the community of Moose Lake					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				4.5 (million)	

Moose Lake Windemer	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:		
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Sewer Improvement Projects		0.16	Sewer System Project		
Konieska Road		0.237	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>	
0.397	\$27,933				
--- 5 - 10 yr. ---					
Ridgewood Estates/Highway 10 Corridor		0.26	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>	
0.26	\$18,294				

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Moose Lake Windemere Area Sanitary Sewer Dist
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.657 (million)*

Mora	COUNTY: Kanabec	POPULATION*:	3,583	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Grove Street - Hershey Avenue - Fair Avenue		0.371		Sewer System Project	
Wood Street - Stewart Avenue to Fair Avenue		0.158		Sewer System Project	
Mora Wastewater Treatment Facility		8.213		SFY 2014 PPL Treatment Facilities Project / Rank:	86
Wood Street - Stewart Avenue - to Forest Avenue		0.579		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>	
9.321	\$655,835		\$323.43	0.807%	

*Overall cost of projects identified as of January 1, 2014 by the community of Mora
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.321 (million)*

Morgan	COUNTY: Redwood	POPULATION*:	1,023	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,196
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Infrastructure Improvements		7.2		SFY 2014 PPL Sewer System Project / Rank:	22
Wastewater Treatment Plant Rehab		2.25		SFY 2014 PPL Treatment Facilities 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>	
9.45	\$664,911		\$1,306.59	3.172%	

*Overall cost of projects identified as of January 1, 2014 by the community of Morgan
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.45 (million)*

Morris	COUNTY: Stevens	POPULATION*:	5,286	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,114
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

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Alphabetical by Name of Community

West 9th, 10th and 11th Rehab		0.35	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>	
0.35	\$24,626	\$10.06	0.025%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Morris</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.35 (million)</i>

Mound	****	COUNTY: Hennepin	POPULATION*: 9,069	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,521
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---				
Replace out of date lift stations		4.9	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>
4.9		\$344,769	\$73.58	0.106%
<i>Overall cost of projects identified as of January 1, 2014 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>				4.9 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mound				

Mounds View	****	COUNTY: Ramsey	POPULATION*: 12,162	MEDIAN HOUSEHOLD INCOME (MHI)*: \$62,431
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Street & Utility Improvement project-Area G/H		0.2	Sewer System Project	
Street and Utility Improvement Project Area H		0.25	Sewer System Project	
2014 Sanitary Sewer System Rehabilitatin		0.15	Sewer System Project	
2015 Sanitary Sewer System Rehabilitation		0.15	Sewer System Project	
Streete & utility improvement prlject-Area I		0.35	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>	
1.1	\$77,397	\$13.77	0.022%	
<i>Overall cost of projects identified as of January 1, 2014 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</i>			<i>1.1 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Mounds View				

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Alphabetical by Name of Community

Mountain Lake	COUNTY: Cottonwood	POPULATION*: 2,270	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,350
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Mountain Lake	11.48	SFY 2014 PPL Treatment Facilities Project / Rank: 16	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.48	\$807,744	\$751.78	1.588%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Mountain Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			11.48 (million)

Murdock	COUNTY: Swift	POPULATION*: 237	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,000
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Wastewater Treatment Facility Improvements	0.5	Wastewater Treatment Facilities Project	
Murdock	0.4	SFY 2014 PPL Treatment Facilities Project / Rank: 175	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.9	\$63,325	\$459.62	0.919%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Murdock as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.9 (million)

Myrtle	COUNTY: Freeborn	POPULATION*: 45	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,083
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Myrtle	2.549	SFY 2014 PPL Sewer System Project / Rank: 9	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.549	\$179,350	\$8,070.76	36.547%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Myrtle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.549 (million)

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**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Nashwauk	COUNTY: Itasca	POPULATION*:	983	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehab.		1.198		SFY 2014 PPL Sewer System Project / Rank:	260
Sewer Extension Expanding Existing System & Treat Swa		2.7592		SFY 2014 PPL Sewer System Project / Rank:	189
2013 Street Project		0.045		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>	
4.0022	\$281,599				

*Overall cost of projects identified as of January 1, 2014 by the community of Nashwauk
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.0022 (million)*

New Auburn	COUNTY: Sibley	POPULATION*:	577	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,969
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
I & I Correction Reduction		0.075		Sewer System Project	
I & I Reduction		0.175		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	\$17,590		\$71.63	0.167%	

*Overall cost of projects identified as of January 1, 2014 by the community of New Auburn
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)*

New Brighton	****	COUNTY: Ramsey	POPULATION*:	21,444	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$58,796
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---						
Sewer Rehab 2022			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	\$21,108		\$2.01	0.003%		

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Appendix 2: 2013 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, 2014 by the community of New Brighton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)*

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

New Germany	COUNTY: Carver	POPULATION*:	421	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$54,464
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer Treatment		4.1		Wastewater Treatment Facilities Project	
Infrastructure Improvement Project		4.33		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>	
8.43	\$593,143		\$2,682.56	4.925%	

*Overall cost of projects identified as of January 1, 2014 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 London	COUNTY: Kandiyohi	POPULATION*:	1,267	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,739
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2011 Improvement Project		1.668		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>	
1.668	\$117,362		\$177.82	0.436%	

*Overall cost of projects identified as of January 1, 2014 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 Munich	COUNTY: Stearns	POPULATION*:	318	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,205
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Expand WWTF		0.58		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>	
0.58	\$40,809		\$248.17	0.561%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of New Munich
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.58 (million)*

New Prague	COUNTY: Scott	POPULATION*:	7,321	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Central Street N. Rehab		0.3		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>	
0.3	\$21,108		\$5.95		
--- 10 - 20 yr. ---					
Expanding capacity of treatment process		40		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>	
40	\$2,814,440		\$793.55		

*Overall cost of projects identified as of January 1, 2014 by the community of New Prague
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 40.3 (million)*

New York Mills	COUNTY: Otter Tail	POPULATION*:	1,500	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,114
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Utility Rehabilitation - Tousley Avenue		0.8		Sewer System Project	
Gillman and North Main Street		0.32		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>	
1.12	\$78,804		\$98.92	0.282%	

*Overall cost of projects identified as of January 1, 2014 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*:	3,487	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,089
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

Barry Drive/10th Avenue	0.1	Sewer System Project		
Newport	0.95	SFY 2014 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	
1.05	\$73,879	\$45.20	0.085%	

**Overall cost of projects identified as of January 1, 2014 by the community of Newport
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.05 (million)**

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

Nicollet	COUNTY: Nicollet	POPULATION*: 1,200	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,406
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

2013 Street and Utility Improvements	0.206	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.206	\$14,494	\$26.35	0.051%	

**Overall cost of projects identified as of January 1, 2014 by the community of Nicollet
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.206 (million)**

Nielsville	COUNTY: Polk	POPULATION*: 182	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,500
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- 10 - 20 yr. ---

Force Main Replacement	0.15	Wastewater Treatment Facilities Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.15	\$10,554	\$103.25	0.362%	

**Overall cost of projects identified as of January 1, 2014 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*: 2,261	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,328
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

WWTF Irrigation Expansion

0.9

Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

0.9

\$63,325

\$34.79

0.062%

--- 5 - 10 yr. ---

WWTF Expansion and Subsurface Disposal

3.8

Wastewater Treatment Facilities Project

Upgrade of Main Three Lift Station

0.3

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

4.1

\$288,480

\$158.51

0.281%

--- 10 - 20 yr. ---

TH 371 and CSAH 17 Commercial

2.2

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

2.2

\$154,794

\$85.05

0.151%

Overall cost of projects identified as of January 1, 2014 by the community of Nisswa

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.2 (million)

North Branch

COUNTY: Chisago

POPULATION*: 10,046

MEDIAN HOUSEHOLD INCOME (MHI)*: \$61,711

Project(s)

Cost Estimate (millions)

Project Type / SFY 2014 PPL Listed - Rank

--- 5 - 10 yr. ---

Wastewater Treatment Plant Phase II

5

Wastewater Treatment Facilities Project

North Branch Sewer Rehab

4

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

9

\$633,249

\$153.66

0.249%

Overall cost of projects identified as of January 1, 2014 by the community of North Branch

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9 (million)

North Koochiching SD

COUNTY:

POPULATION*:

MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)

Cost Estimate (millions)

Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

North Koochiching SD	12.079	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>
12.079	\$849,891		
<i>Overall cost of projects identified as of January 1, 2014 by the community of 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>

North Long Lake Sewer	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
North Long Lake Sewer District		0.84	SFY 2014 PPL Treatment Facilities Project / Rank: 14
<i>Subtotal of 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	\$59,103		
<i>Overall cost of projects identified as of January 1, 2014 by the community of North Long Lake Sewer District</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.84 (million)</i>

North Makato	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
2013-2017 Capital Improvement Plan		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	\$140,722		
<i>Overall cost of projects identified as of January 1, 2014 by the community of North Makato</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2 (million)</i>

North Mankato	COUNTY: Nicollet	POPULATION*:	13,258	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Infra Structure Rehabililtation		2		Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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	\$140,722	\$22.05	

Overall cost of projects identified as of January 1, 2014 by the community of North Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)

North St Paul	COUNTY:	POPULATION*: 11,450	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,876
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Mohawk Road & Deleware Ave sewer main replacement [0.948	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>
0.948	\$66,702	\$13.08	0.025%

Overall cost of projects identified as of January 1, 2014 by the community of North St Paul as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.948 (million)

Northern Twp	COUNTY:	POPULATION*: 4,614	MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,144
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Northern Twp - Birchmont Court	0.475	SFY 2014 PPL Treatment Facilities Project / Rank: 209
Northern Twp - Lavinia	0.825	SFY 2014 PPL Treatment Facilities Project / Rank: 227
Northern Twp - Birchmont Beach	0.4625	SFY 2014 PPL Sewer System Project / Rank: 208
Northern Twp - Birchmont Court	0.475	SFY 2014 PPL Sewer System Project / Rank: 209
Northern Twp - Lavinia	0.825	SFY 2014 PPL Sewer System Project / Rank: 227
Northern Twp - Birchmont Beach	0.4625	SFY 2014 PPL Treatment Facilities Project / Rank: 208

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.525	\$248,023	\$107.99	0.154%

Overall cost of projects identified as of January 1, 2014 by the community of Northern Twp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.525 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Northfield	COUNTY: Rice	POPULATION*: 18,608	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Dresden Ave and Freemon W Ave	0.25		Sewer System Project	
Maple Street: Woodley st to East Ridge Drive	0.244		Sewer System Project	
Southern Cannon river Crossing	0.6		Sewer System Project	
Sixth Street: Division St to East end	0.6		Sewer System Project	
NW Sanitary Sewer Expansion	1.8		Sewer System Project	
Second Street West: Lincoln St to TH 3	0.3		Sewer System Project	
Heath Creek Interceptor	0.1		Sewer System Project	
Lockwood Drive Reconstruction	0.269		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>	
4.163	\$292,913	\$42.42		
--- 5 - 10 yr. ---				
Poplar Reconstruction	0.18		Sewer System Project	
Girl Scout Line: East side of T.H.3	0.1		Sewer System Project	
Hall Avenue	0.85		Sewer System Project	
Orchard Street:Greenvale Ave to St. Olaf Ave.	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>	
1.35	\$94,987	\$13.76		
--- 10 - 20 yr. ---				
Florellas: Multek to Florellas South Edge	0.1		Sewer System Project	
9th Street - Spring to T.H. 3	0.15		Sewer System Project	
Fareway Drive	0.19		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>	
0.44	\$30,959	\$4.48		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 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*:	202	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,313
Project(s)	Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank		
--- Current ---					
Northome		2.4875	SFY 2014 PPL Treatment Facilities Project / Rank: 200		
Northome		2.4875	SFY 2014 PPL Sewer System Project / Rank: 200		
Rehab Collection		2.5	Sewer System Project		
Rehab Treatment		2.5	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>	
9.975	\$701,851		\$6,649.11	16.494%	

Overall cost of projects identified as of January 1, 2014 by the community of Northome

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.975 (million)

Northrop	COUNTY: Martin	POPULATION*:	274	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,833
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Northrop	1.198		SFY 2014 PPL Sewer System Project / Rank: 27		
Northrop	1.198		SFY 2014 PPL Treatment Facilities 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>		
2.396	\$168,585	\$1,548.23	3.378%		

Overall cost of projects identified as of January 1, 2014 by the community of Northrop

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.396 (million)

Oak Park Heights****	COUNTY: Washington	POPULATION*:	4,317	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,946
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Replace Lift Station - Beaudet [Project from CIP on web, 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>
0.6	\$42,217	\$18.48	0.041%

*Overall cost of projects identified as of January 1, 2014 by the community of Oak Park Heights
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)*

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Oak Park Heights

Odessa	COUNTY: Big Stone	POPULATION*:	107	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

2nd Street Sewer Project 0.185 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>
0.185	\$13,017	\$137.82	0.649%

*Overall cost of projects identified as of January 1, 2014 by the community of Odessa
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.185 (million)*

Odin	COUNTY: Watonwan	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- 5 - 10 yr. ---

Unsewered collection system 1.74 Sewer System Project

Unsewered treatment system 1.74 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>
3.48	\$244,856		

*Overall cost of projects identified as of January 1, 2014 by the community of Odin
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.48 (million)*

Ogilvie	COUNTY: Kanabec	POPULATION*:	401	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,417
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

--- Current ---

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Collection System Improvements	0.5	SFY 2014 PPL Sewer System Project / Rank:	115
Southeast Sewer Extension	0.037	SFY 2014 PPL Sewer System Project / Rank:	115
Phosphorus Removal Upgrade	0.3	SFY 2014 PPL Treatment Facilities Project / Rank:	115
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.837	\$58,892	\$262.39	1.032%
--- 5 - 10 yr. ---			
WWTF Improvements	3.5	SFY 2014 PPL Treatment Facilities Project / Rank:	115
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.5	\$246,264	\$1,097.21	4.317%
Overall cost of projects identified as of January 1, 2014 by the community of Ogilvie			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			4.337 (million)

Onamia	COUNTY: Mille Lacs	POPULATION*:	965	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,025
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Secondary Treatment	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	\$10,554	\$22.56	0.102%		
<i>Overall cost of projects identified as of January 1, 2014 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>					
<i>0.15 (million)</i>					

Ormsby	COUNTY: Watonwan	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Unsewered / colleciton		1.8	Sewer System Project	
Unsewered / treatment		1.8	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>	
3.6	\$253,300			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Ormsby
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.6 (million)*

Oronoco	COUNTY: Olmsted	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Oronoco		1.2	SFY 2014 PPL Treatment Facilities Project / Rank: 89
Oronoco		1.2	SFY 2014 PPL Sewer System 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>
2.4	\$168,866		

*Overall cost of projects identified as of January 1, 2014 by the community of Oronoco
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.4 (million)*

Oronoco Twp	COUNTY:	POPULATION*:	2,121	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$87,448
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Oronoco Twp - Kings Park		0.295		SFY 2014 PPL Treatment Facilities Project / Rank: 31	
Oronoco Twp - Kings Park		0.295		SFY 2014 PPL Sewer System Project / Rank: 31	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
0.59	\$41,513	\$45.90		0.052%	

*Overall cost of projects identified as of January 1, 2014 by the community of Oronoco Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.59 (million)*

Ortonville	COUNTY: Big Stone	POPULATION*:	1,919	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,969
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Ortonville - McCloud Street		0.35		SFY 2014 PPL Sewer System Project / Rank: 116	
Ortonville		0.85		SFY 2014 PPL Sewer System Project / Rank: 54	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
1.2	\$84,433	\$71.49	0.174%

*Overall cost of projects identified as of January 1, 2014 by the community of Ortonville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)*

Osakis	COUNTY: Douglas	POPULATION*: 1,599	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

No name given	0.35	SFY 2014 PPL Sewer System Project / Rank:	216
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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	\$24,626	\$28.06	

--- 5 - 10 yr. ---

City of Osakis	6.5	SFY 2014 PPL Treatment Facilities Project / Rank:	216
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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>
6.5	\$457,347	\$521.03	

*Overall cost of projects identified as of January 1, 2014 by the community of Osakis
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.85 (million)*

Oslo	COUNTY: Marshall	POPULATION*: 311	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,333
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

Oslo	0.2875	SFY 2014 PPL Treatment Facilities Project / Rank:	248
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Oslo	0.2875	SFY 2014 PPL Sewer System Project / Rank:	248
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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>
0.575	\$40,458	\$254.63	0.527%

*Overall cost of projects identified as of January 1, 2014 by the community of Oslo
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.575 (million)*

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Ostrander	COUNTY: Fillmore	POPULATION*:	303	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	\$35,181		\$241.70	0.549%	
<i>Overall cost of projects identified as of January 1, 2014 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>

Ottertail	COUNTY: Otter Tail	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Ottertail		1.88		SFY 2014 PPL Treatment Facilities Project / Rank:	315
Ottertail		1.88		SFY 2014 PPL Sewer System Project / Rank:	315
<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>	
3.76	\$264,557				
<i>Overall cost of projects identified as of January 1, 2014 by the community of Ottertail as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>3.76 (million)</i>

Owatonna	COUNTY: Steele	POPULATION*:	25,456	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,764
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Bridge Street Lift Station Upgrade		0.75		Sewer System Project	
Trunk Line System Rehabilitation		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>	
5.75	\$404,576		\$33.95	0.061%	
--- 5 - 10 yr. ---					
Wastewater Treatment Facility Expansion and Upgrade		20		Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Northwest Sanitary Sewer Trunk Line	12.2	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>	
32.2	\$2,265,624	\$190.12	0.341%	
--- 10 - 20 yr. ---				
Northeast Sanitary Sewer Trunk Line	10	Sewer System Project		
East Sanitary Sewer Trunk Line	1.6	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 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
39.1	\$2,751,115	\$230.86	0.414%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Owatonna</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>77.05 (million)</i>	

Palisade	COUNTY: Aitkin	POPULATION*:	174	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,071
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Palisade	0.415		SFY 2014 PPL Sewer System Project / Rank: 308		
Palisade	0.415		SFY 2014 PPL Treatment Facilities Project / Rank: 308		
<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>	
0.83	\$58,400		\$604.13	1.944%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Palisade</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.83 (million)</i>	

Park Rapids	COUNTY: Hubbard	POPULATION*: 3,742	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,045
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Airport Utilities	0.294	Sewer System Project	
Third Street Utilites	0.622	Sewer System Project	
Riverside Project	1.5	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Riverside Avenue Utilities

1.1

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>
3.516	\$247,389	\$115.96	0.386%

*Overall cost of projects identified as of January 1, 2014 by the community of Park Rapids
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.516 (million)*

Pease	COUNTY: Mille Lacs	POPULATION*: 133	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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	\$28,144	\$389.69	0.753%

*Overall cost of projects identified as of January 1, 2014 by the community of Pease
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)*

Pelican Group of Lakes	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Pelican Group of Lakes Improvement District

8.474

SFY 2014 PPL Sewer System Project / Rank: 316

Pelican Group of Lakes Improvement District

8.474

SFY 2014 PPL Treatment Facilities Project / Rank: 316

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
16.948	\$1,192,478		

*Overall cost of projects identified as of January 1, 2014 by the community of Pelican Group of Lakes Improvement District
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 16.948 (million)*

Pelican Rapids	COUNTY: Otter Tail	POPULATION*: 2,716	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,448
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Pelican Rapids - Headworks	6.7271	SFY 2014 PPL Treatment Facilities Project / Rank: 130
Pelican Rapids	3.166	SFY 2014 PPL Sewer System Project / Rank: 60
Wastewater Treatment Plant Improvement Project	6.75	Wastewater Treatment Facilities Project
Sewer Rehab	3.166	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>
19.8091	\$1,393,788	\$1,143.49	3.524%

Overall cost of projects identified as of January 1, 2014 by the community of Pelican Rapids as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 19.809 (million)

Pequot Lakes COUNTY: Crow Wing POPULATION*: 2,162 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,240

Project(s) Cost Estimate (millions) Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

Pequot Lakes - Alley	0.35	SFY 2014 PPL Sewer System Project / Rank: 207
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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	\$24,626	\$15.34	0.040%

--- 5 - 10 yr. ---

Rehab. Treatment Facilities Add Spray Irrigation	2	SFY 2014 PPL Treatment Facilities Project / Rank: 205
Rehab. Collection System	2	SFY 2014 PPL Sewer System Project / Rank: 205
Expansion of Collection System - Highway 371 Area	0.75	Sewer System Project
Sanitary Sewer Main 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>
5.55	\$390,504	\$243.22	0.636%

Overall cost of projects identified as of January 1, 2014 by the community of Pequot Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.9 (million)

Perham COUNTY: Otter Tail POPULATION*: 2,968 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,142

Project(s) Cost Estimate (millions) Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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

3rd Stree NE Street and Utility Improvements	0.833	Sewer System Project		
Third Avenue Southeast Street and Utility Improvements	0.443	Sewer System Project		
Second Avenue SW Street and Utility Improvements	0.5	Sewer System Project		
Fourth Street Southeast Street and Utility Improvements	0.217	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>	
1.993	\$140,229	\$85.39	0.218%	
--- 5 - 10 yr. ---				
5th Street NW - Utility Improvements	0.091	SFY 2014 PPL Sewer System Project / Rank:	185	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.091	\$6,403	\$3.90	0.010%	
--- 10 - 20 yr. ---				
Third street SW (hospital) street and utility improvements	0.13	Sewer System Project		
N.E. Industrial Park Utility and Street Improvements	0.404	SFY 2014 PPL Sewer System 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>	
0.534	\$37,573	\$22.88	0.058%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Perham</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.618 (million)</i>	

Pine Island	COUNTY: Goodhue	POPULATION*: 2,533	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---				
Replace All Above Ground Aeration Lines	0.02		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>	
0.02	\$1,407	\$1.01		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Pine Island</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
<i>0.02 (million)</i>				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

Pipestone	COUNTY: Pipestone	POPULATION*: 4,304	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,884
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
TH 30 Utility Improvements - Phase 4		0.9	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>
0.9	\$63,325	\$26.50	0.066%
--- 5 - 10 yr. ---			
East Main Street Improvement - Phase 9		2.6	Sewer System Project
East Highway 30 Sanitary Sewer Improvement & Extensi		0.35	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>
2.95	\$207,565	\$86.85	0.218%
--- 10 - 20 yr. ---			
2nd Ave NE Area Improvements		1.6	Sewer System Project
5th and 6th St SW Improvements		1.8	Sewer System Project
2nd and 3rd Ave SW Improvements - Phase 8		1.7	Sewer System Project
West Main Street Improvements		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>
7.3	\$513,635	\$214.91	0.539%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Pipestone as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>11.15 (million)</i>

Plainview	COUNTY: Wabasha	POPULATION*: 3,332	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,000
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Sanitary 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>
0.5	\$35,181	\$24.47	0.056%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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

*Overall cost of projects identified as of January 1, 2014 by the community of Plainview
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)*

Plymouth	****	COUNTY: Hennepin	POPULATION*: 69,963	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$86,466
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sunset H:11 Lift Station Rehab		0.75		Sewer System Project	
Annual Sewer Lining		0.6		Sewer System Project	
Green Tree Lift Station Rehab		0.75		Sewer System Project	
Bass Lake Plaza Lift Station Rehab		0.75		Sewer System Project	
Kingswood Farm Lift Station Rehab		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>	
3.6		\$253,300	\$7.79	0.009%	
--- 5 - 10 yr. ---					
Waterfront Lift Station Rehab		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		\$52,771	\$1.62	0.002%	
--- 10 - 20 yr. ---					
Future Development		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		\$1,055,415	\$32.45	0.038%	

*Overall cost of projects identified as of January 1, 2014 by the community of Plymouth
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 19.35 (million)*

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

Pope County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Pope County - Clearwater Bay		0.366	SFY 2014 PPL Treatment Facilities Project / Rank: 85

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Pope County - Clearwater Bay	0.732	Sewer System Project
Pope County - Clearwater Bay	0.366	SFY 2014 PPL Sewer System Project / Rank: 85
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1.464	\$103,009	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2014 by the community of Pope County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		1.464 (million)

Princeton	COUNTY: Mille Lacs	POPULATION*: 4,643	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
NW Trunk sewer Extension Phase 2	1.23	Sewer System Project		
Sherburne Mobile Home Sewer Extension	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>	
2.03	\$142,833	\$59.08		
--- 5 - 10 yr. ---				
NW trunk sewer extension Phase 3	0.446995	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>	
0.446995	\$31,451	\$13.01		
--- 10 - 20 yr. ---				
Main Lift Station	0.6	Sewer System Project		
NW trunk sewer extension Phase 4	0.373045	Sewer System Project		
NW Trunk Sewer extension Phase 6	0.906565	Sewer System Project		
NW trunk sewer extension phase 5	0.370645	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>	
2.250255	\$158,330	\$65.49		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Princeton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			<i>4.7273 (million)</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Prior Lake	****	COUNTY: Scott	POPULATION*: 22,570	MEDIAN HOUSEHOLD INCOME (MHI)*: \$89,805
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Sanitary Sewer Slip Lining			0.8	Sewer System Project
Prior Lake			0.487	SFY 2014 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>
1.287		\$90,555	\$9.19	0.010%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Prior Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.287 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Prior Lake				
Proctor		COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Proctor			1.25	SFY 2014 PPL Sewer System Project / Rank: 19
<i>Subtotal of 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		\$87,951		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Proctor as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.25 (million)</i>				
Quamba		COUNTY: Kanabec	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Unsewered connect to Mora			2.907	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>
2.907		\$204,539		
<i>Overall cost of projects identified as of January 1, 2014 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)</i>				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Racine	COUNTY: Mower	POPULATION*:	449	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$63,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Sewer Repairs	0.009		SFY 2014 PPL Sewer System Project / Rank: 311		
<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>	
0.009	\$633		\$3.35	0.005%	
--- 5 - 10 yr. ---					
Rehab/expand existing system	0.7		SFY 2014 PPL Treatment Facilities Project / Rank: 311		
<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>	
0.7	\$49,253		\$260.75	0.409%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Racine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
				0.709 (million)	

Randolph	COUNTY: Dakota	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Randolph	1.8578	SFY 2014 PPL Sewer System Project / Rank: 317	
Randolph	1.8578	SFY 2014 PPL Treatment Facilities Project / Rank: 317	
Unsewered Treatment	1.8575	Wastewater Treatment Facilities Project	
Unsewered collection	1.8575	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost*** Annual Household Cost as % MHI</i>
7.4306	\$522,824		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Randolph</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.4306 (million)</i>			

Raymond	COUNTY: Kandiyohi	POPULATION*:	744	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

2013 Wastewater Improvement Project 3.95 SFY 2014 PPL Treatment Facilities Project / Rank: 50

<i>Subtotal of 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	\$277,926	\$762.60	1.585%

*Overall cost of projects identified as of January 1, 2014 by the community of Raymond
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.95 (million)*

Red Lake Falls	COUNTY: Red Lake	POPULATION*: 1,447	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,083
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

3rd Street	0.677	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>
0.677	\$47,634	\$63.61	0.172%

*Overall cost of projects identified as of January 1, 2014 by the community of Red Lake Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.677 (million)*

Red Rock Twp	COUNTY:	POPULATION*: 723	MEDIAN HOUSEHOLD INCOME (MHI)*: \$64,417
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Red Rock Twp - Nicolville	0.131	SFY 2014 PPL Treatment Facilities Project / Rank: 2
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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>
0.131	\$9,217	\$28.61	0.044%

*Overall cost of projects identified as of January 1, 2014 by the community of Red Rock Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.131 (million)*

Red Wing	COUNTY: Goodhue	POPULATION*: 16,447	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,145
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Pretreatment Plant Upgrades and Solids Dewatering	4.5	SFY 2014 PPL Treatment Facilities Project / Rank: 265
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Rehab Main Facility and Biosolids	2.767	SFY 2014 PPL Treatment Facilities Project / Rank:	56
Construct Regional Biosolids Facility	4.5	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
11.767	\$827,938	\$97.39	0.198%
--- 5 - 10 yr. ---			
Sewer Rehabilitation - Ongoing	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	\$14,072	\$1.66	0.003%
Overall cost of projects identified as of January 1, 2014 by the community of Red Wing as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			11.967 (million)

Redwood Falls	COUNTY: Redwood	POPULATION*: 5,254	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
Drew Street Sewer Line Replacement	0.5	Sewer System Project		
2013 Trunk Sanitary Sewer and Watermain Improvements	0.664	Sewer System Project		
Street and Utility Improvements Eastwood Drive	0.465	Sewer System Project		
West River Street Reconstruct	0.575	Sewer System Project		
11th Street Reconstuction	0.372	Sewer System Project		
East Northwood Drive Expansion	0.487	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>	
3.063	\$215,516	\$76.76		
--- 5 - 10 yr. ---				
County Road No. 1 improvement	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	\$31,662	\$11.28		
Overall cost of projects identified as of January 1, 2014 by the community of Redwood Falls				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.513 (million)				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Rice County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Rice County - Roberds Lake		5.49	SFY 2014 PPL Sewer System Project / Rank: 73
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.49	\$386,282		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rice County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			5.49 (million)

Rice Lake Twp	COUNTY:	POPULATION*:	4,080	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$67,273
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rice Lake Twp		0.41		SFY 2014 PPL Sewer System Project / Rank: 18	
<i>Subtotal of 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	\$28,848	\$15.57		0.023%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rice Lake Twp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.41 (million)

Richfield	****	COUNTY: Hennepin	POPULATION*:	35,053	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,131
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						
Lift station #5 Pump Replacement			0.02		Sewer System Project	
Woodlake Lift Station Renovation			0.04		Sewer System Project	
Lift station #6 Pump replacement			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>		
0.08	\$5,629	\$0.32		0.001%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Richfield

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.08 (million)

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

Richmond	COUNTY: Stearns	POPULATION*: 1,432	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,667
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Richmond	0.573	SFY 2014 PPL Sewer System Project / Rank: 212	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.573	\$40,317	\$54.73	0.117%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Richmond</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.573 (million)</i>			

Rochester	COUNTY: Olmsted	POPULATION*: 105,576	MEDIAN HOUSEHOLD INCOME (MHI)*: \$63,428
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
7797 West Zumbro Relief	1.5	Sewer System Project	
Lift Station 5 Rehabilitation (Green Meadows)	1	Sewer System Project	
Extension Sanitary Sewer SSA 15E, 15-11, & 15-12	1.95	Sewer System Project	
Service area 6 sewer	2.45	Sewer System Project	
Annual maintenance and General Trunkline Relief	15.1	Sewer System Project	
Golf Course South	4	Sewer System Project	
Golf Course West Trunkline Upgrade	4	Sewer System Project	
2nd Avenue NW/Goose Egg Park Trunkline	2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
32	\$2,251,552	\$44.58	0.070%
--- 5 - 10 yr. ---			
Extend Sanitary Sewer Portions of Section 19, 20, 29, and	2.15	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Water Reclamation Plant: Future Plant Expansion	56	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>
58.15	\$4,091,492	\$81.01	0.128%
--- 10 - 20 yr. ---			
NW Lift Station & Force Main; Sewer District 30A	24	Sewer System Project	
Sewer Tunnel to Serve Northwest Area and Hadley Valley	18	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>
42	\$2,955,162	\$58.51	0.092%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rochester as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			132.15 (million)

Rockford	COUNTY: Wright	POPULATION*: 3,890	MEDIAN HOUSEHOLD INCOME (MHI)*: \$94,769
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Maplewood Manor Collection System Rehab	0.1	SFY 2014 PPL Sewer System Project / Rank:	233
Downtown Collection System Rehab	1.1	SFY 2014 PPL Sewer System Project / Rank:	233
Miscellaneous WWTP Upgrades	2	SFY 2014 PPL Treatment Facilities Project / Rank:	233
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.2	\$225,155	\$128.01	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rockford as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			3.2 (million)

Rogers	COUNTY: Hennepin	POPULATION*: 8,122	MEDIAN HOUSEHOLD INCOME (MHI)*: \$94,769
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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	\$9,147	\$2.90	0.003%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Secondary Treatment Expansion	15	Wastewater Treatment Facilities Project
Lab Upgrade/Replacement	0.6	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
15.6	\$1,097,632	\$347.72
		Annual Household Cost as % MHI
		0.367%

Overall cost of projects identified as of January 1, 2014 by the community of Rogers
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*: 470	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,906
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

Sanitary Street Project	0.622	SFY 2014 PPL Sewer System Project / Rank: 257
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.622	\$43,765	\$206.22
		Annual Household Cost as % MHI
		0.422%

Overall cost of projects identified as of January 1, 2014 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)

Roseville	****	COUNTY: Ramsey	POPULATION*: 33,497	MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,941
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	

--- Current ---

2014 Lift Station Rehabilitation	0.1	Sewer System Project
Sewer Main Lining 2014	0.8	Sewer System Project
2015-2018 Sewer Rehabilitation	4	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
4.9	\$344,769	\$19.92
		Annual Household Cost as % MHI
		0.035%

--- 5 - 10 yr. ---

2019-2024 Sewer Rehabilitation	5	Sewer System Project
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 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	\$351,805	\$20.32	0.036%

--- 10 - 20 yr. ---

2025-2034 Sewer Rehabilitation	10	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>
10	\$703,610	\$40.64	0.071%

Overall cost of projects identified as of January 1, 2014 by the community of Roseville

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 19.9 (million)

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

Rothsay	COUNTY: Wilkin	POPULATION*: 259	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

Sanitary Sewer Rehabilitation	2.437	Sewer System Project
Rothsay	2.2	SFY 2014 PPL Sewer System Project / Rank: 146

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.637	\$326,264	\$2,082.54	

Overall cost of projects identified as of January 1, 2014 by the community of Rothsay

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.637 (million)

Royalton	COUNTY: Morrison	POPULATION*: 1,068	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank

--- Current ---

I & I Reduction	0.075	Sewer System Project
Various Sewer Extensions	0.3	Sewer System Project
Annexation Area Improvements	1.6	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>
1.975	\$138,963	\$267.24	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 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, 2014 by the community of Royalton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.975 (million)*

Rush City	COUNTY: Chisago	POPULATION*:	3,057	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,450
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Rush City	0.863		SFY 2014 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>	
0.863	\$60,722		\$86.06	0.198%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rush City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.863 (million)</i>					

Rushford	COUNTY: Fillmore	POPULATION*:	1,918	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Rushford	0.404		SFY 2014 PPL Sewer System Project / Rank: 149		
<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>	
0.404	\$28,426		\$32.14	0.073%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Rushford as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.404 (million)</i>					

Rutledge	COUNTY: Pine	POPULATION*:	301	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,558
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Unsewered collection		0.646		SFY 2014 PPL Sewer System Project / Rank:	318
Unsewered Treatment		0.646		SFY 2014 PPL Treatment Facilities Project / Rank:	318
<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>	
1.292	\$90,906		\$432.89	1.290%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2014 by the community of Rutledge

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.292 (million)

Sabin	COUNTY: Clay	POPULATION*:	631	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,107
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
2013 Sewer Manhole Survey and Repairs		0.013		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>	
0.013	\$915		\$3.79	0.006%	

Overall cost of projects identified as of January 1, 2014 by the community of Sabin

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.013 (million)

Sacred Heart	COUNTY: Renville	POPULATION*:	465	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Infrastructure Improvements		1.4		SFY 2014 PPL Treatment Facilities Project / Rank:	23
Infrastructure Improvements		1.4		SFY 2014 PPL Sewer System Project / Rank:	23
Infrastructure improvements		4.7		SFY 2014 PPL Sewer System Project / Rank:	23
<i>Subtotal of 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	\$527,708		\$1,727.04	5.527%	

Overall cost of projects identified as of January 1, 2014 by the community of Sacred Heart

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.5 (million)

Sandstone	COUNTY: Pine	POPULATION*:	2,763	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,306
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Facility Plan		17.827		SFY 2014 PPL Treatment Facilities Project / Rank:	128

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
17.827	\$1,254,326	\$1,521.42	3.775%

Overall cost of projects identified as of January 1, 2014 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*: 15,175	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Northeast Trunk		1.25	Sewer System Project	
L.S. #8 Removal		0.32	Sewer System Project	
East Central Trunk Line		0.75	Sewer System Project	
St Cloud Forcemain		12.83	Sewer System Project	
Woeline Tank		0.77	Wastewater Treatment Facilities Project	
South Pine Cone Spur Line		0.36	Sewer System Project	
Southwest Trunk		1.47	Sewer System Project	
East Side Reconstruction		1.2	Sewer System Project	
Riverside Trunk reconstruction		5.07	Sewer System Project	
Mill Trunk reconstruction		1.87	Sewer System Project	
Townline tank		0.92	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
26.81	\$1,886,378	\$291.46		
--- 5 - 10 yr. ---				
L.S. #3 Forcemain replacement		0.29	Sewer System Project	
L.S. #14 Forcemain		0.25	Sewer System Project	
L.S. #2 Reconstruction		0.82	Sewer System Project	
L.S. #12		0.97	Sewer System Project	
L.S. #13		0.72	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Alphabetical by Name of Community

L.S. #14	0.68	Sewer System Project		
L.S. #11	0.89	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>	
4.62	\$325,068	\$50.23		
--- 10 - 20 yr. ---				
L.S. #15 Forcemain	0.17	Sewer System Project		
L.S. #15	0.34	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>	
0.51	\$35,884	\$5.54		
<i>Overall cost of projects identified as of January 1, 2014 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>			31.94 (million)	

Sauk Centre	COUNTY: Stearns	POPULATION*: 4,293	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,789
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---			
Highway 71 Major Reconstruct	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>
0.8	\$56,289	\$26.68	0.058%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Sauk Centre</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.8 (million)

Sauk Rapids	COUNTY: Benton	POPULATION*: 12,635	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,946
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
9th Ave S - 1st St S to 4th St S	0.207	Sewer System Project	
8th Ave S - 1st St S to 4th St S	0.274	Sewer System Project	
2nd Ave S - 1st St S to S Benson Dr	0.198	Sewer System Project	
2013 Industrial Park East Plat 3	0.101	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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>
0.78	\$54,882	\$9.48	0.017%

--- 5 - 10 yr. ---

St. Cloud East Side Interceptor	4.232	Sewer System Project
8th St N - N Benson Dr to 6th Ave N	0.299	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	\$318,806	\$55.05	0.100%

*Overall cost of projects identified as of January 1, 2014 by the community of Sauk Rapids
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.311 (million)*

Savage	****	COUNTY: Scott	POPULATION*: 26,897	MEDIAN HOUSEHOLD INCOME (MHI)*: \$91,361
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Hamilton of Savage VIII			0.877	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			0.56	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>
5.787	\$407,179	\$39.92	0.044%

*Overall cost of projects identified as of January 1, 2014 by the community of Savage
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.787 (million)*

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

Scanlon		COUNTY: Carlton	POPULATION*: 1,022	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,198
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Sewer replacement - 23rd - Washington to Sahlman			0.165	SFY 2014 PPL Sewer System Project / Rank: 15
Tall Pine Lane Sewer Improvement			0.06	SFY 2014 PPL Sewer System Project / Rank: 15
Sewer replacement - Sahlman - 22nd to 29th			0.2	SFY 2014 PPL Sewer System Project / Rank: 15

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Alphabetical by Name of Community

Sewer rehabilitation-CIPP work	0.125	SFY 2014 PPL Sewer System Project / Rank: 15
Sewer replacement 27th - Jefferson - to Sahlman	0.2	SFY 2014 PPL Sewer System Project / Rank: 15
Sewer Replacement 24th street to Sahlman to Prospect	0.125	SFY 2014 PPL Sewer System Project / Rank: 15
Sewer replacement Jefferson- 26th to 28th	0.051	SFY 2014 PPL Sewer System Project / Rank: 15
Sewer replacement - Scanlon Way - Bridge to Lincoln	0.12	SFY 2014 PPL Sewer System Project / Rank: 15

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.046	\$73,598	\$146.22	0.347%

Overall cost of projects identified as of January 1, 2014 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)

Sebeka	COUNTY: Wadena	POPULATION*:	748	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,833
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Rehab Collection System - Reduce I/i		0.6		SFY 2014 PPL Sewer System Project / Rank: 232	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.6	\$42,217	\$93.35	0.303%		

Overall cost of projects identified as of January 1, 2014 by the community of Sebeka 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*:	884	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$54,583
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
Shafer		1.8656		SFY 2014 PPL Treatment Facilities Project / Rank: 297	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.8656	\$131,265	\$326.35	0.598%		

Overall cost of projects identified as of January 1, 2014 by the community of Shafer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8656 (million)

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Alphabetical by Name of Community

Shakopee	****	COUNTY: Scott	POPULATION*: 36,110	MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,028
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
2012 CIPP			0.39	Sewer System Project
2014 Street Reconstruction			0.49	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>
0.88		\$61,918	\$4.19	0.005%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Shakopee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.88 (million)</i>				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shakopee				
Sherburn		COUNTY: Martin	POPULATION*: 996	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,619
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Wastewater Rehab 2010			1.3	Wastewater Treatment Facilities Project
North Osborne & West 1st Street			0.754	Sewer System Project
Inflow/infiltration			0.9	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>
2.954		\$207,846	\$367.51	0.862%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Sherburn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.954 (million)</i>				
Shoreview	****	COUNTY: Ramsey	POPULATION*: 25,023	MEDIAN HOUSEHOLD INCOME (MHI)*: \$82,908
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---				
Sewer Rehabilitation			0.8	Sewer System Project
Hanson road, Oakridge Avenue street reconstruction			0.125	Sewer System Project
Windward Heights Neighborhood			0.17	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Owasso Boulevard North Reconstruction	0.15	Sewer System Project		
Turtle Lane Neighborhood	0.135	Sewer System Project		
Owasso Street Realignment	0.08	Sewer System Project		
Couonty road D and Cottage Plan Reconstruction	0.045	Sewer System Project		
Red Fox Road Improvements	0.033	Sewer System Project		
Bridge, Lion Neighborhood Reconstruction	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>	
1.658	\$116,659	\$9.63	0.012%	
--- 5 - 10 yr. ---				
repair/rehabilitation 2013-2018	0.95	Sewer System Project		
Wabasso Neighborhood Reconstruction	0.08	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>	
1.03	\$72,472	\$5.98	0.007%	
--- 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	\$308,181	\$25.43	0.031%	
<i>Overall cost of projects identified as of January 1, 2014 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>7.068 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shoreview				

Shorewood	****	COUNTY: Hennepin	POPULATION*: 7,307	MEDIAN HOUSEHOLD INCOME (MHI)*: \$122,778
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Rehab aging infrastructure		0.07	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>
0.2		\$14,072	\$4.65	0.004%
--- 5 - 10 yr. ---				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

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	\$4,925	\$1.63	0.001%
--- 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	\$4,925	\$1.63	0.001%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Shorewood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.34 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shorewood			

Shorewood Park Sanita	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Shorewood Park Sanitary District		1.5	Wastewater Treatment Facilities Project
Shorewood Park Sanitary District		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>
3	\$211,083		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Shorewood Park Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			3 (million)

Silver Bay	COUNTY: Lake	POPULATION*:	2,081	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Preliminary Treatment		0.85		Wastewater Treatment Facilities Project	
Improved Collection System		0.85		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	\$119,614	\$92.96		0.191%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Silver Bay
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.7 (million)*

Silver Creek Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Silver Creek Twp - Stewart River		2.75	SFY 2014 PPL Sewer System Project / Rank: 124
Silver Creek Twp - Stewart River		2.75	SFY 2014 PPL Treatment Facilities Project / Rank: 124
Silver Creek Twp - Castle Danger 2		3.6	SFY 2014 PPL Sewer System Project / Rank: 314
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.1	\$640,285		

*Overall cost of projects identified as of January 1, 2014 by the community of Silver Creek Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.1 (million)*

Silver Lake	COUNTY: McLeod	POPULATION*:	757	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,258
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Sanitary Sewer Main 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	\$105,542	\$256.72		0.580%	

*Overall cost of projects identified as of January 1, 2014 by the community of Silver Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)*

Slayton	COUNTY: Murray	POPULATION*:	2,162	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,568
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Inflow and Infiltration Correction		0.06		Sewer System Project	
Control Panel Replacement		0.01		Wastewater Treatment Facilities Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.07	\$4,925	\$4.00	0.009%

*Overall cost of projects identified as of January 1, 2014 by the community of Slayton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.07 (million)*

Sleepy Eye	COUNTY: Brown	POPULATION*: 3,597	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,942
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Ongoing Sewer Rehab		0.75	Sewer System Project
Rehabilitation and Replacement of System		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>
2.25	\$158,312	\$91.16	0.207%

*Overall cost of projects identified as of January 1, 2014 by the community of Sleepy Eye
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.25 (million)*

South Bend Twp	COUNTY:	POPULATION*: 1,623	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,379
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
South Bend Twp		3.556	SFY 2014 PPL Sewer System 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>
3.556	\$250,204	\$383.62	0.761%

*Overall cost of projects identified as of January 1, 2014 by the community of South Bend Twp
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.556 (million)*

Spicer	COUNTY: Kandiyohi	POPULATION*: 1,263	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,375
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
County Road B Expansion		0.581	Sewer System Project

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CSAH 10 Pump Station Improvement	0.6605	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>
1.2415	\$87,353	\$123.03	0.297%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Spicer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			1.2415 (million)

Spring Lake Park****	COUNTY: Hennepin	POPULATION*: 6,318	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---				
no name given	0.2	Sewer System Project		
Sewer Relining Project	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	\$28,144	\$9.08		
<i>Overall cost of projects identified as of January 1, 2014 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</i>				
				0.4 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Spring Lake Park				

Spring Park****	COUNTY: Fillmore	POPULATION*: 1,538	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,393
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
Lift Station #5 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	\$31,662	\$26.56	0.063%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Spring Park as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				0.45 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Spring Park				

St Cloud	COUNTY: Stearns	POPULATION*: 65,986	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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

Area Between 33rd & 37th Ave. N. from 1st to 3rd St. N.	0.264	Sewer System Project
Area Between 37th Ave. N. & TH 15 from 3rd St. N. to B	0.536	Sewer System Project
4th Avenue SE between East Street Germain and TH 23;	0.25	Sewer System Project
Area between 21st & 25th Ave No from Division Street to	1.63	Sewer System Project
Metro System Rehabilitation & Capacity Improvements	0.75	Sewer System Project
Area between 3rd St No and BNSF from 21st to 25th Ave	1.09	Sewer System Project
Biosolids Improvements	10	Wastewater Treatment Facilities Project
Wastewater Flow Diversion Project	1.5	Sewer System Project
Area between TH 23 and 3rd street north from Cooper to	1.63	Sewer System Project
Area between 3rd street north and BNSF from Cooper to	1.09	Sewer System Project
16th Street South between Clearwater Road & Roosevelt	0.35	Sewer System Project
St. Cloud - Interceptor	7.5	SFY 2014 PPL Sewer System Project / Rank: 141
Area Between 33rd & 38th Ave. N. from 8th to 12th St. N	0.325	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
26.915	\$1,893,766	\$61.28
--- 5 - 10 yr. ---		
Wastewater Treatment Facility Expansion -- Phase II	6.63	Wastewater Treatment Facilities Project
Street Connection Between heatherwood Road & 8th Ave	1	Sewer System Project
Design and Construction of West Airport Interceptor Sew	7.5	Sewer System Project
I-94 Business Park Expansion	0.35	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
15.48	\$1,089,188	\$35.25
--- 10 - 20 yr. ---		
24th St. S. from Clearwater Rd. to Cooper Ave. S.	0.38	Sewer System Project
24th ST. S. from Cooper Ave. S. to CR 136	0.38	Sewer System Project
25th St. S. from CR 136 to W. St. Germain St.	0.315	Sewer System Project
40th street South between CSAH 75 and Cooper Avenue	0.75	Sewer System Project

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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>
1.825	\$128,409	\$4.16	

*Overall cost of projects identified as of January 1, 2014 by the community of St Cloud
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 44.22 (million)*

St Francis	COUNTY: Anoka	POPULATION*: 7,026	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

Wastewater Treatment Facility Improvements	12	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>
12	\$844,332	\$286.75	

*Overall cost of projects identified as of January 1, 2014 by the community of St Francis
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12 (million)*

St Francis - East & Wes	COUNTY: Anoka	POPULATION*: 7,218	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			

East Wastewater Treatment Facility	8.51	SFY 2014 PPL Treatment Facilities Project / Rank:	329
TH 47 Sewer & Water Extension	2.73	SFY 2014 PPL Sewer System Project / Rank:	329

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.24	\$790,858		

*Overall cost of projects identified as of January 1, 2014 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 Hilaire	COUNTY: Pennington	POPULATION*: 232	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,250
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			

1.9113	Sewer System Project
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* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

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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>
1.9113	\$134,481	\$858.39	1.940%

*Overall cost of projects identified as of January 1, 2014 by the community of St Hilaire
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.9113 (million)*

St James	COUNTY: Watonwan	POPULATION*: 4,573	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,347	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Rehabilitate Collection System		3	Sewer System Project	
Highway 4 Rehab 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>	
3.5	\$246,264	\$104.06	0.229%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of St James as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.5 (million)</i>				

St Joseph	COUNTY: Stearns	POPULATION*: 6,383	MEDIAN HOUSEHOLD INCOME (MHI)*: \$62,639	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Clinton Village Improvements		0.375	Sewer System Project	
South West Trunk Sewer		4.1	Sewer System Project	
First Ave NE Improvements		0.885	Sewer System Project	
Main Lift Station Upgrade Replace 12-inch CSS under Co		1.5	Sewer System Project	
Park Terrace		2.089	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>	
8.949	\$629,661	\$291.96	0.466%	
--- 5 - 10 yr. ---				
Northland Heights Phase II		1.7	Sewer System Project	
Sewer Extension to Gateway Commons		1.053	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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>
2.753	\$193,704	\$89.82	0.143%

*Overall cost of projects identified as of January 1, 2014 by the community of St Joseph
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.702 (million)*

St Louis County - Midw	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Rehab. Collection System	2.3	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>
2.3	\$161,830		

*Overall cost of projects identified as of January 1, 2014 by the community of St Louis County - Midway Township
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.3 (million)*

St Louis Park	****	COUNTY: Hennepin	POPULATION*: 45,043	MEDIAN HOUSEHOLD INCOME (MHI)*: \$62,694
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

--- Current ---

Sanitary Sewer Project: Lift Station # 2 & Forcemain Reh	0.475	Sewer System Project
Sanitary Sewer project LS#2 & FM Rehab	0.475	Sewer System Project
LS & Forcemain Rehab	0.605	Sewer System Project
Sanitary Sewer Mainline Rehab	0.676	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>
2.231	\$156,975	\$6.29	0.010%

--- 5 - 10 yr. ---

Sanitary sewer Mainline Rehab	0.725	Sewer System Project
LS & FM Rehab	0.814	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>
1.539	\$108,286	\$4.34	0.007%

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 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 3.77 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of St Louis Park

St Martin	COUNTY: Stearns	POPULATION*:	312	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$63,977
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Wastewater Treatment Improvements	0.1		SFY 2014 PPL Sewer System Project / Rank: 158		
Wastewater Treatment Improvements	0.12		SFY 2014 PPL Sewer System Project / Rank: 158		
Wastewater Treatment Improvements	3		SFY 2014 PPL Treatment Facilities Project / Rank: 158		
<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>	
3.22	\$226,562		\$1,466.95	2.293%	

Overall cost of projects identified as of January 1, 2014 by the community of St Martin

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.22 (million)

St Michael	COUNTY: Wright	POPULATION*: 15,896	MEDIAN HOUSEHOLD INCOME (MHI)*: \$86,163
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 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	\$1,673,044	\$277.81	0.322%

Overall cost of projects identified as of January 1, 2014 by the community of St Michael

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 23.778 (million)

St Paul	****	COUNTY: Ramsey	POPULATION*: 283,991	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,939
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- 5 - 10 yr. ---				
Sewer System Major Rehab and Repairs (5-10 years)			53.8	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
53.8	\$3,785,422	\$28.16	0.061%

--- 10 - 20 yr. ---

Sewer System Rehabilitation and Major Repairs (10-20 ye	122	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>
122	\$8,584,042	\$63.87	0.139%

Overall cost of projects identified as of January 1, 2014 by the community of St Paul

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 175.8 (million)

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

St Peter	COUNTY: Nicollet	POPULATION*: 11,196	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,019
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<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

North Interceptor	0.13	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>
0.13	\$9,147		

Overall cost of projects identified as of January 1, 2014 by the community of St Peter

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.13 (million)

St Stephen	COUNTY: Stearns	POPULATION*: 808	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,019
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<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

St. Stephen	4.759	SFY 2014 PPL Sewer System Project / Rank: 319
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St. Stephen	4.759	SFY 2014 PPL Treatment Facilities Project / Rank: 319
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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>
9.518	\$669,696	\$2,015.81	2.799%

Overall cost of projects identified as of January 1, 2014 by the community of St Stephen

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.518 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Staples	COUNTY: Todd	POPULATION*: 3,103	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Wastewater Plant Upgrade		3	Wastewater Treatment Facilities Project	
Staples		2.665	SFY 2014 PPL Treatment Facilities Project / Rank:	249
Northwest Area Improvement		0.5	Sewer System Project	
Park Street Sewer Lining		0.1	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>
6.265	\$440,812		\$272.67	
--- 5 - 10 yr. ---				
Wastewater Pumping Station and Sanitary Sewer West T.		0.25	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>
0.25	\$17,590		\$10.88	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Staples as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				6.515 (million)

Starbuck	COUNTY: Pope	POPULATION*: 1,234	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,289
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Generator for Wastewater Treatment Plant		0.045	Wastewater Treatment Facilities Project	
Starbuck		0.833	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>
0.878	\$61,777		\$79.20	0.218%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Starbuck as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				0.878 (million)

Stephen	COUNTY: Marshall	POPULATION*: 720	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,771
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

**Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

--- Current ---

Seepage control 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	\$35,181	\$94.80	0.183%

--- 5 - 10 yr. ---

Rehab/Expand Existing Pond System 1.5 SFY 2014 PPL Treatment Facilities Project / Rank: 219

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.5	\$105,542	\$284.39	0.549%

--- 10 - 20 yr. ---

1920 Sewer System Replacement 1.6 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.6	\$112,578	\$303.35	0.586%

**Overall cost of projects identified as of January 1, 2014 by the community of Stephen
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.6 (million)**

Stewart	COUNTY: McLeod	POPULATION*: 642	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,446
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
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--- Current ---

2012-2013 Infrastructure Improvements 11.229 Sewer System Project

2009-2011 Street and Utility Improvements 11.229 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
22.458	\$1,580,167	\$5,665.94	11.232%

**Overall cost of projects identified as of January 1, 2014 by the community of Stewart
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 22.458 (million)**

Stockton	COUNTY: Winona	POPULATION*: 885	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,938
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
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--- 5 - 10 yr. ---

Expansion of Current Sewer System 2 Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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	\$140,722	\$349.86	0.745%

*Overall cost of projects identified as of January 1, 2014 by the community of Stockton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)*

Taconite	COUNTY: Itasca	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
2012 Sanitary Sewer Improvements		0.2	Sewer System Project
Stephens/Haynes Street Sewer Replacement		0.175	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>
0.375	\$26,385		

*Overall cost of projects identified as of January 1, 2014 by the community of Taconite
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.375 (million)*

Taylors Falls	COUNTY: Chisago	POPULATION*:	929	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,625
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Business Park Improvements		0.519154		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>
0.519154	\$36,528	\$75.40	0.181%

*Overall cost of projects identified as of January 1, 2014 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)*

Thief River Falls	COUNTY: Pennington	POPULATION*:	8,563	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,306
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
West 1st Street Extension		0.25		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

MMCDC 40 Unit Housing Development	0.15	Sewer System Project
County Rd. 62 Utility Imp	0.3	Sewer System Project
Alice Drive Sewer Extension	0.1	Sewer System Project
Southeast quadrant rehab	0.3	Sewer System Project
Highway 1 East Utilities Imp	0.1	Sewer System Project
Northwest Quadrant Rehab	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>
1.35	\$94,987	\$21.50	0.056%

*Overall cost of projects identified as of January 1, 2014 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 1.35 (million)*

Tonka Bay	****	COUNTY: Hennepin	POPULATION*: 1,378	MEDIAN HOUSEHOLD INCOME (MHI)*: \$106,083
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Sewer Lining		0.093	Sewer System Project	
Lift Station Pump replacement		0.017	Sewer System Project	
Inflow/Infiltration Correction		0.105	Sewer System Project	
Sanitary Sewer Replacement		0.887	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>
1.102		\$77,538	\$100.41	0.095%
--- 5 - 10 yr. ---				
Manhole Cover Replacement		0.02	Sewer System Project	
Sanitary Sewer Replacement		1.271	Sewer System Project	
Lift station Pump Replacement		0.019	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>
1.31		\$92,173	\$119.36	0.113%
--- 10 - 20 yr. ---				
Sanitary Sewer Replacement		1.383	Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
1.383	\$97,309	\$126.01	0.119%

*Overall cost of projects identified as of January 1, 2014 by the community of Tonka Bay
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.795 (million)*

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

Tower	COUNTY: St. Louis	POPULATION*: 483	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,690
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Hoo-Doo Point sewer extension	0.6273	SFY 2014 PPL Sewer System Project / Rank: 288	
Tower - West T.H. 169 Service Extension	0.787	SFY 2014 PPL Sewer System 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>
1.4143	\$99,512	\$289.84	0.860%

*Overall cost of projects identified as of January 1, 2014 by the community of Tower
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.4143 (million)*

Tower - Brietung Waste	COUNTY:	POPULATION*: 483	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,690
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Tower - Brietung Wastewater Board	1.163	SFY 2014 PPL Sewer System Project / Rank: 102	
Tower - Brietung Wastewater Board	1.163	SFY 2014 PPL Treatment Facilities Project / Rank: 102	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.326	\$163,660		

*Overall cost of projects identified as of January 1, 2014 by the community of Tower - Brietung Wastewater Board
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.326 (million)*

Tracy	COUNTY: Lyon	POPULATION*: 2,056	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,708
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Replacement of Sanitary Sewer	2	SFY 2014 PPL Sewer System Project / Rank: 10
Rehabilitation of Collection System	2	SFY 2014 PPL Sewer System Project / Rank: 10
Wastewater Treatment Facility	8	SFY 2014 PPL Treatment Facilities Project / Rank: 10
Replacement of Primary and Secondary Pond System	8	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
20	\$1,407,220	\$1,311.07
		Annual Household Cost as % MHI
		3.221%
Overall cost of projects identified as of January 1, 2014 by the community of Tracy		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		20 (million)

Tri-City Joint Sewer Board	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank
--- Current ---			
Pond Gate Replacements		0.0493	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.0493	\$3,469		
Overall cost of projects identified as of January 1, 2014 by the community of Tri-City Joint Sewer Board			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.0493 (million)

Trimont	COUNTY: Martin	POPULATION*:	619	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,406
Project(s)		Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---					
2009-2011 Infrastructure Improvements		0.63		SFY 2014 PPL Treatment Facilities Project / Rank: 4	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.63	\$44,327	\$130.80	0.359%		
--- 5 - 10 yr. ---					
Sewer System Rehab		5.5		SFY 2014 PPL Sewer System Project / Rank: 4	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
5.5	\$386,986	\$1,141.92	3.137%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 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, 2014 by the community of Trimont
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.13 (million)*

Trosky	COUNTY: Pipestone	POPULATION*:	102	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,667
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Trosky		0.4315		SFY 2014 PPL Sewer System Project / Rank:	33
Trosky		0.4315		SFY 2014 PPL Treatment Facilities Project / Rank:	33
<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>	
0.863	\$60,722		\$1,162.75	2.250%	

*Overall cost of projects identified as of January 1, 2014 by the community of Trosky
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.863 (million)*

Truman	COUNTY: Martin	POPULATION*:	1,159	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,286
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system		0.931		SFY 2014 PPL Sewer System Project / Rank:	69
<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>	
0.931	\$65,506		\$107.19	0.217%	

*Overall cost of projects identified as of January 1, 2014 by the community of Truman
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.931 (million)*

Twin Valley	COUNTY: Norman	POPULATION*:	833	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,205
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Herold Addition Sanitary Sewer Replacement		0.4		SFY 2014 PPL Sewer System Project / Rank:	218
<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	\$28,144		\$56.29	0.193%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Twin Valley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)*

Two Harbors	COUNTY: Lake	POPULATION*: 3,729	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,701
Project(s)	Cost Estimate (millions)		Project Type / SFY 2014 PPL Listed - Rank
--- Current ---			
Two Harbors	3.464	SFY 2014 PPL Treatment Facilities Project / Rank: 37	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.464	\$243,731	\$113.95	0.328%
Overall cost of projects identified as of January 1, 2014 by the community of Two Harbors as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.464 (million)			

Upsala	COUNTY: Morrison	POPULATION*:	529	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,000
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Sewer and Stormwater new development (50% assigned to)	0.155		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>	
0.155	\$10,906		\$38.04	0.095%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Upsala as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.155 (million)</i>					

Vadnais Heights ****	COUNTY: Ramsey	POPULATION*:	12,313	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$72,485
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sewer main pipe relining project		0.15		Sewer System Project	
Sewer Main Pipe Relining Project		0.15		Sewer System Project	
Sewer Main Pipe Relining Project		0.15		Sewer System Project	
Sewer Main Pipe Relining Project		0.15		Sewer System Project	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sewer Main Pipe Relining Project	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>
0.75	\$52,771	\$9.11	0.013%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Vadnais Heights as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)</i>			
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Vadnais Heights			

Verndale	COUNTY: Wadena	POPULATION*:	470	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,039
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer and Watermain Improvements Phase II an		2.6		SFY 2014 PPL Sewer System Project / Rank:	80
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.6	\$182,939	\$780.31	2.435%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Verndale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.6 (million)</i>					

Vernon Center	COUNTY: Blue Earth	POPULATION*:	307	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,179
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
WWTP - Air / Clarifier Rehab		0.04		SFY 2014 PPL Treatment Facilities Project / Rank:	150
Kendall/2- Alleys/ Poplar Street Sewer 8 blocks		0.95		SFY 2014 PPL Sewer System Project / Rank:	150
Pretreatment		0.27		SFY 2014 PPL Treatment Facilities 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>		
1.26	\$88,655	\$528.41	1.315%		
--- 5 - 10 yr. ---					
Final Clarifier		0.16		SFY 2014 PPL Treatment Facilities Project / Rank:	150
Final Clarifier		0.16		SFY 2014 PPL Treatment Facilities 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>		
0.32	\$22,516	\$134.20	0.334%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 by the community of Vernon Center
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.58 (million)*

Viking	COUNTY: Marshall	POPULATION*:	82	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,607
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Treatment and Improvements		1.3		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>	
1.3	\$91,469		\$2,058.06	6.511%	

*Overall cost of projects identified as of January 1, 2014 by the community of Viking
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.3 (million)*

Villard Area Lakes SD	COUNTY:	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Villard Area Lakes SD		4.4535		SFY 2014 PPL Treatment Facilities Project / Rank:	134
Villard Area Lakes SD		4.4535		SFY 2014 PPL Sewer System Project / Rank:	134
<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>	
8.907	\$626,705				

*Overall cost of projects identified as of January 1, 2014 by the community of Villard Area Lakes SD
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.907 (million)*

Virginia	COUNTY: St. Louis	POPULATION*:	8,742	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,498
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Lift station - Pillsbury addition		1.5		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>	
1.5	\$105,542		\$19.44	0.058%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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, 2014 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*: 2,532	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,157
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Reed Bed Removal and Replanting	0.094	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>
0.094	\$6,614	\$4.72	0.011%

Overall cost of projects identified as of January 1, 2014 by the community of Wabasha

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.094 (million)

Waconia	****	COUNTY: Carver	POPULATION*: 10,429	MEDIAN HOUSEHOLD INCOME (MHI)*: \$79,760
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---				
Infrastructure 2014 - Walnut and 3rd Street		0.2	Sewer System Project	
Infrastruture Improvement 2018 - 4th and Maple		0.245	Sewer System Project	
Infrastructure Improvement 20A - 3rd Street - Maple		0.285	Sewer System Project	
Infrastructure Improvement 2016 - 2nd Street West		0.225	Sewer System Project	
Infrastructure 2010 - sewer system - 2nd		0.156	Sewer System Project	
Infrastructure 2012 - sewer systems - 1st street		0.154	Sewer System Project	
Sunset Lift Station		0.12	Sewer System Project	
Infrastructure 2010 - Maple Street		0.242	Sewer System Project	
Sugarbush Improvements		0.311	Sewer System Project	
I & I Reduction		0.083	Sewer System Project	
Willowbrooke Lift Station		0.175	Sewer System Project	
Pheasant Ridge Lift Station		0.174	Sewer System Project	

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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Infrastructure Improvement 2015 - Maple 1st	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>	
2.62	\$184,346	\$41.10	0.052%	
--- 5 - 10 yr. ---				
1st Street, 2nd Street and Elm Street	0.2	Sewer System Project		
Pine, Spruce, 1st, 2nd	0.25	Sewer System Project		
Infrastructure 2014 - sewer system - Vine, 3rd, 4th, Elm	0.2	Sewer System Project		
Oak, Spruce, 1st, 2nd, 3rd	0.25	Sewer System Project		
Infrastructure Improvement 2022 Elm - Oak - 5th	0.425	Sewer System Project		
Infrastructure Improvement 2021 Olive Street	0.45	Sewer System Project		
Infrastructure Improvement 2020 Main Street	0.485	Sewer System Project		
Infrastructure Improvement 2019 1st Downtown	0.45	Sewer System Project		
Lake Street and Sterling Hills Lift Stations.	0.13	Sewer System Project		
L52 Wet Well Interior Conversion	0.12	Sewer System Project		
Infrastructure 2016 - Elm Street and 5th street	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>	
3.26	\$229,377	\$51.14	0.064%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Waconia</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5.88 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Waconia				

Wadena	COUNTY: Wadena	POPULATION*: 4,179	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---				
SE Area	9.5	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>	
9.5	\$668,430	\$302.76		
--- 5 - 10 yr. ---				
SW Area	10.9	Sewer System Project		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 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>
10.9	\$766,935	\$347.38	

*Overall cost of projects identified as of January 1, 2014 by the community of Wadena
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 20.4 (million)*

Waite Park	COUNTY: Stearns	POPULATION*: 6,729	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,422
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 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	\$50,801	\$12.68	0.033%

*Overall cost of projects identified as of January 1, 2014 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*: 175	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,688
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Inflow & Infiltration Abatement Program		1.312	SFY 2014 PPL Sewer System 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>
1.312	\$92,314	\$893.36	1.634%

*Overall cost of projects identified as of January 1, 2014 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*: 926	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,545
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Lift Station Pumps		0.03	SFY 2014 PPL Sewer System Project / Rank: 118

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Michigan Ave. Utility and Street Improvements	0.68	SFY 2014 PPL Sewer System Project / Rank:	118
Sanitary sewer lining approx 3000 ft.	0.09	SFY 2014 PPL Sewer System Project / Rank:	118
Sanitary sewer extension to the Industrial Park	0.09	SFY 2014 PPL Sewer System Project / Rank:	118
2ND ST., 3RD ST., 4TH ST., 5TH ST., 6TH ST., Park A	2.31	SFY 2014 PPL Sewer System Project / Rank:	118
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.2	\$225,155	\$417.81	1.209%
Overall cost of projects identified as of January 1, 2014 by the community of Walker			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			3.2 (million)

Walnut Grove	COUNTY: Redwood	POPULATION*:	812	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,280
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Rehab collection system	2.902		SFY 2014 PPL Sewer System Project / Rank: 29		
Wastewater Treatment Plant Rehab	2		SFY 2014 PPL Treatment Facilities Project / Rank: 29		
Disinfection Improvements Wastewater Treatment Facilit	0.169		SFY 2014 PPL Treatment Facilities Project / Rank: 29		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
5.071	\$356,801	\$1,019.43	2.974%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Walnut Grove as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					5.071 (million)

Wanamingo	COUNTY: Goodhue	POPULATION*: 1,013	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,896
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Re-coat Fiberglass Roofs	0.06	Wastewater Treatment Facilities Project	
Replace grit Loading Pumps	0.035	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>
0.095	\$6,684	\$12.64	0.025%
--- 5 - 10 yr. ---			

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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Alphabetical by Name of Community

Replacing Sewer Lines West Side	0.5	Sewer System Project	
Sewer Main Relining/Rehab Manholes	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	\$70,361	\$133.04	0.267%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Wanamingo</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.095 (million)</i>

Warba	COUNTY: Itasca	POPULATION*:	164	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Main Project		0.108		Sewer System Project	
Treatment Pond Improvement - Advanced Treatment		2.278		SFY 2014 PPL Treatment Facilities 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>		
2.386	\$167,881	\$1,590.45	4.172%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Warba as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
				<i>2.386 (million)</i>	

Warren	COUNTY: Marshall	POPULATION*:	1,900	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,104
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Warren		0.85		Sewer System Project	
Warren		0.85		SFY 2014 PPL Sewer System Project / Rank:	131
Street Projects		1.8		Sewer System Project	
2012 Proposed Street Projects		0.35		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
3.85	\$270,890	\$304.75	0.676%		

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 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, 2014 by the community of Warren

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.85 (million)

Warroad	COUNTY: Roseau	POPULATION*:	2,039	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,307
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab/expand existing system		8		SFY 2014 PPL Treatment Facilities Project / Rank:	196
<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>	
8	\$562,888		\$594.60	1.312%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Warroad</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8 (million)</i>					

Waseca	COUNTY: Waseca	POPULATION*:	9,405	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,539
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Manhole covers and lining		0.165		Sewer System Project	
Lift Station Generator		0.06		Sewer System Project	
SW area flow monitoring		0.02		Sewer System Project	
Sewer Lining 2nd Avenue SW and State ST.		0.01		Sewer System Project	
Phase 2 Capacity Improvements		0.6		Sewer System Project	
West Interchange Sanitary Sewer		1.85		Sewer System Project	
Second Ave. SE from 3rd st to 5th St.		0.0675		Sewer System Project	
North Development Sewer		0.52		Sewer System Project	
Lining insert outfall pipe WWTP		0.6		Sewer System Project	
Fairgrounds area capacity analysis		0.03		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>	
3.9225	\$275,991		\$58.40	0.128%	

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 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, 2014 by the community of Waseca
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.9225 (million)*

Watertown	COUNTY: Carver	POPULATION*:	4,140	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$65,202
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Watertown wastewater treatment facility		12		SFY 2014 PPL Treatment Facilities Project / Rank: 190	
<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>	
12	\$844,332		\$418.22	0.641%	
--- 5 - 10 yr. ---					
Southeast Lift Station and Forcemain		1.3		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>	
1.3	\$91,469		\$45.31	0.069%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Watertown as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.3 (million)</i>					

Waterville	COUNTY: Le Sueur	POPULATION*:	1,808	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,167
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Rehab collection system, lift station & extension	2.16		SFY 2014 PPL Sewer System Project / Rank: 155		
<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>	
2.16	\$151,980		\$134.89	0.292%	
<i>Overall cost of projects identified as of January 1, 2014 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)</i>					

Waubun	COUNTY: Mahnomen	POPULATION*:	435	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost
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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

Rehab of the existing Treatment system 3.5 SFY 2014 PPL Treatment Facilities Project / Rank: 97

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.5	\$246,264	\$1,070.71	3.236%

*Overall cost of projects identified as of January 1, 2014 by the community of Waubun
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.5 (million)*

Wayzata	****	COUNTY: Hennepin	POPULATION*: 3,717	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,444
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

Rehabilitation/ I & I Reduction	0.6	Sewer System Project
Rehabilitation/Address I & I	0.403	Sewer System Project
Sewer Collection System CIP	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>
1.403	\$98,716	\$47.64	0.072%

*Overall cost of projects identified as of January 1, 2014 by the community of Wayzata
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.403 (million)*

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

Wells		COUNTY: Faribault	POPULATION*: 2,345	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,793
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
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--- Current ---

6th Street SW - Street and Utility Improvements	0.35	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>
0.35	\$24,626	\$19.56	0.050%

*Overall cost of projects identified as of January 1, 2014 by the community of Wells
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)*

Wells (for TriCity Sewe	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- Current ---

Pond Gate and Valves Replacement	0.0763	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>
0.0763	\$5,369		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Wells (for TriCity Sewer Board) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.0763 (million)</i>			

Western Lake Superior	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---			
Pump Station Improvements - Phase I	1.72	SFY 2014 PPL Sewer System Project / Rank: 105	
Biogas Fueled Engine Generator/Heat Recovery	11.571	Wastewater Treatment Facilities Project	
Interceptor Improvements - Phase I	28.335	SFY 2014 PPL Sewer System Project / Rank: 6	
Treatment Plant Improvements - Phase I	26.846	SFY 2014 PPL Treatment Facilities Project / Rank: 104	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
68.472	\$4,817,758		
--- 5 - 10 yr. ---			
Pump Station Improvements - Phase II	30.372	SFY 2014 PPL Sewer System Project / Rank: 105	
Interceptor Improvements - Phase II	43.312	Sewer System Project	
Treatment Plant Improvements - Phase II	15.779	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>
89.463	\$6,294,706		
--- 10 - 20 yr. ---			
Pike Lake Pump Station/Interceptor Improvements	6.3	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>
6.3	\$443,274		
<i>Overall cost of projects identified as of January 1, 2014 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 164.24 (million)</i>			

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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Whalan	COUNTY: Fillmore	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Whalan Unsewered Collection		0.5063	Sewer System Project	
Whalan Unsewered Treatment		0.5063	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI
1.0126	\$71,248			
Overall cost of projects identified as of January 1, 2014 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*:	1,531	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,950
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- 10 - 20 yr. ---					
Treatment System Expansion	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	\$140,722		\$144.25	0.336%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Wheaton</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)</i>					

White Bear Twp ****	COUNTY:	POPULATION*:	10,910	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$86,680
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
White Bear Twp	1.107		SFY 2014 PPL Sewer System Project / Rank: 228		
<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>	
1.107	\$77,890		\$16.02	0.018%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of White Bear Twp</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.107 (million)</i>					

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of White Bear Twp

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions
of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

White Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
White Twp - Gardendale Utility Improv. Proj		0.3168	SFY 2014 PPL Sewer System Project / Rank: 26	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.3168	\$22,290			
Overall cost of projects identified as of January 1, 2014 by the community of White Twp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				
				0.3168 (million)

Whitefield Township -	COUNTY: Kandiyohi	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2014 PPL Listed - Rank	
--- Current ---				
Unsewered Area Regionalize with Blomkest		1.11	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.11	\$78,101			
Overall cost of projects identified as of January 1, 2014 by the community of Whitefield Township - Svea as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				
				1.11 (million)

Willmar	COUNTY: Kandiyohi	POPULATION*: 19,459	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,610
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---			
Lakeland Drive Interceptor Project	3.125	SFY 2014 PPL Sewer System Project / Rank: 66	
Western Collector (Interceptor) Sewer Project	5.116	SFY 2014 PPL Sewer System Project / Rank: 176	
<i>Subtotal of 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	\$579,845	\$62.39	0.162%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Willmar as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>8.241 (million)</i>

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Alphabetical by Name of Community

Willow River	COUNTY: Pine	POPULATION*:	401	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,833
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Rehab and expand Treatment Facilities		2.23		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>	
2.23	\$156,905		\$611.32	1.920%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Willow River as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2.23 (million)</i>

Winnebago	COUNTY: Faribault	POPULATION*:	1,514	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 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	\$7,036		\$9.20	0.025%	
<i>Overall cost of projects identified as of January 1, 2014 by the community of Winnebago as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.1 (million)</i>

Winona	COUNTY: Winona	POPULATION*:	27,671	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,964
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
Disinfection Equipment Replacement		0.2		Wastewater Treatment Facilities Project	
Belt Press Replacement		0.9		Wastewater Treatment Facilities Project	
Digester #1 Repair		0.1		Wastewater Treatment Facilities Project	
Replace Grit Washer		0.15		Wastewater Treatment Facilities Project	
Lift Station #4 Controls		0.175		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>	
1.525	\$107,301		\$8.44	0.023%	

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Special Districts & Unsewered Area values
are missing

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combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household
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Appendix 2: 2013 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, 2014 by the community of Winona
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.525 (million)*

Winsted	COUNTY: McLeod	POPULATION*:	2,360	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,496
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---					
New Generator at the Sewer Plant		0.3		SFY 2014 PPL Treatment Facilities Project / Rank:	242
WWTF Upgrade		4.4		SFY 2014 PPL Treatment Facilities Project / Rank:	242
Upgrade Two Lift Stations		0.43		Sewer System Project	
Interceptor Rehabilitation		0.15		Sewer System Project	
Sanitary Sewer Extension West, East and North		1.6		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>	
6.88	\$484,084		\$455.25	0.884%	

*Overall cost of projects identified as of January 1, 2014 by the community of Winsted
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.88 (million)*

Winton	COUNTY: St. Louis	POPULATION*:	152	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.39	\$27,441		\$316.62	1.218%	

*Overall cost of projects identified as of January 1, 2014 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)*

Woodbury	****	COUNTY: Washington	POPULATION*:	60,737	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$92,780
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>	
--- Current ---						

* Pop. & MHI from 2010 Census and ACS.
Not all communities provided MHI and
Special Districts & Unsewered Area values
are missing

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combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household
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Appendix 2: 2013 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

2014-2018 Capital Improvement Plan

3.5

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>
3.5	\$246,264	\$9.59	0.010%

Overall cost of projects identified as of January 1, 2014 by the community of Woodbury

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.5 (million)

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

Worthington	COUNTY: Nobles	POPULATION*: 12,531	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,472
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
2016 Sewer Improvements		0.48	Sewer System Project
south district lift station & forcemain		0.27	Sewer System Project
East district lift station & force main		1.12	Sewer System Project
Flower Lane sewer extension		0.1	Sewer System Project
TH 59 North Sewer Extension Phase 2		1.6	Sewer System Project
2014 Sewer Improvements		0.44	Sewer System Project
North Humiston sewer extension		0.38	Sewer System Project
2017 Sewer Improvements		0.44	Sewer System Project
2015 Sewer Improvements		0.41	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>
5.24	\$368,692	\$70.03	0.165%

Overall cost of projects identified as of January 1, 2014 by the community of Worthington

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.24 (million)

Wrenshall	COUNTY: Carlton	POPULATION*: 0.09	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,472
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Wrenshall		0.09	SFY 2014 PPL Sewer System Project / Rank: 20

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 2: 2013 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>
0.09	\$6,332		

*Overall cost of projects identified as of January 1, 2014 by the community of Wrenshall
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.09 (million)*

Wright	COUNTY: Carlton	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Wright		0.8	SFY 2014 PPL Sewer System Project / Rank: 162
Wright		0.8	SFY 2014 PPL Treatment Facilities 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>
1.6	\$112,578		

*Overall cost of projects identified as of January 1, 2014 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*:	560 MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Wastewater Treatment Facility		1.63	SFY 2014 PPL Treatment Facilities Project / Rank: 231

<i>Subtotal of 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	\$114,688	\$393.97	0.993%

*Overall cost of projects identified as of January 1, 2014 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*:	7,730 MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2014 PPL Listed - Rank</i>
--- Current ---			
Viking Boulevard/Fallbrook Avenue Trunk Sewer Upgrad		0.6	Sewer System Project

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

** Assuming twenty (20) year debt service at market rate of 3.5%. 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

Citgo lift Station and Force Main Improvement	0.6	Sewer System Project	
Railroad Lift Station and Trunk Sewer Improvements	0.99	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	\$154,091	\$48.22	0.063%
<i>Overall cost of projects identified as of January 1, 2014 by the community of Wyoming as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.19 (million)

Zimmerman	COUNTY: Sherburne	POPULATION*:	5,091	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$66,940
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- Current ---					
Upgrad to Accept Leachate	4.1		Wastewater Treatment Facilities Project		
2nd Avenue North Project	1		Sewer System Project		
Upgrade to Accept Leachate	4.1		Wastewater Treatment Facilities Project		
	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>		
10.2	\$717,682	\$336.41	0.503%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Zimmerman as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					10.2 (million)

Zumbro Falls	COUNTY: Wabasha	POPULATION*:	166	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,000
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2014 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Rehabilitation and Expansion of Stabilization Pond	0.75		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>		
0.75	\$52,771	\$558.75	1.117%		
<i>Overall cost of projects identified as of January 1, 2014 by the community of Zumbro Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.75 (million)

* Pop. & MHI from 2010 Census and ACS. Not all communities provided MHI and Special Districts & Unsewered Area values are missing

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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. Also per household cost may be higher for localized projects funded by assessments.

Appendix 3: 2014 Clean Water Project Priority List (PPL)

Alphabetical Order

Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Afton	47	Unsewered, potential SSTS	279825	68	\$3,970,000
Afton - Stormwater	287	Stream bank stabilization and infiltration	280220	15	\$400,000
Aitkin	188	Rehab collection system	279862	44	\$1,400,000
ALASD - AGA Drive	191	Interceptor improvements	279736	43	\$706,000
ALASD - CR82	192	Interceptor improvements	279735	43	\$1,367,000
ALASD - Digester	193	Additional aroebic digester cell	279733	43	\$2,205,000
ALASD - TH29	194	Interceptor improvements	279734	43	\$1,325,000
Albert Lea - Stables Area	83	Unsewered, connect to Albert Lea	279701	59	\$1,778,000
Amador Twp - Almelund SSD	245	Unsewered, potential SSTS	279508	32	\$2,745,717
Annandale	211	Rehab collection system	279850	39	\$1,228,200
Annandale - Stormwater	307	Replace conveyance system, add infiltration	279851	8	\$1,087,000
Atwater	157	Sewer rehab	272614	48	\$2,045,800
Atwater - Stormwater	302	Replace conveyance system, add infiltration	279860	11	\$1,136,000
Austin	172	Rehab/expand existing system	272409	46	\$3,500,000
Austin Twp - Turtle Creek 1	28	Unsewered area, potential SSTS	280191	76	\$550,000
Austin Twp - Turtle Creek 2	126	Unsewered area, potential SSTS	280190	53	\$630,000
Backus	75	Connection to Pine River	279602	60	\$3,009,000
Bagley	156	Rehab collection system	280146	48	\$1,861,000
Belgrade	79	Rehab collection system	280042	60	\$2,890,000
Bemidji Twp	63	Unsewered, potential SSTS	279887	61	\$350,000
Bethel	74	Replace pond liner, monitoring well	279835	60	\$190,000
Big Lake	229	Expand WWTF, advanced trmt	280172	36	\$18,526,000
Big Lake Area SD - Fond du Lac	280	Unsewered, connect to WLSSD	280208	16	\$14,000,000
Bigfork	294	Rehab and expand ponds	279438	14	\$1,551,000
Biscay	24	Unsewered, potential SSTS	279667	79	\$1,215,075
Blackduck	78	Rehab collection and treatment system	279582	60	\$3,174,894
Blooming Prairie	143	Rehab collection system	280232	51	\$2,280,000
Blue Earth	1	Rehab collection system, Ph 5	279439	105	\$413,753
Borup	100	Rehab Collection and treatment system	280246	58	\$2,510,990
Bovey	145	Rehab collection system	279580	51	\$450,000
Brooklyn Center - Stormwater	304	Construct CDS treatment for TSS	279720	10	\$1,800,000
Browerville - Phase 2	214	Rehab treatment facility	272617	39	\$6,205,600
Browns Valley	43	Rehab collection system and pump station	279873	70	\$5,357,000
Brownsville	234	Rehab treatment facility	279489	34	\$1,210,000
Bruno	322	Unsewered, pressure sewer/sand filter	279440	1	\$2,682,000
Buffalo	253	Rehab collection system	279858	30	\$4,600,000

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Buhl	178	Rehab collection system	279550	46	\$1,715,500
Cambridge	122	Rehab treatment facility, P removal	280163	54	\$15,062,300
Canby	48	Rehab collection system	280222	68	\$7,451,000
Carlos Twp	164	Unsewered, potential SSTs	279815	46	\$0
Cascade Twp - Hallmark Terrace	55	Replace pond, connect to Rochester	280054	64	\$500,000
Cass County - Stony Point	113	Unsewered, potential SSTs	279845	55	\$1,200,000
Cass County - Sugar Point	313	Unsewered, potential LSTS	280178	1	\$2,000,000
Cass Lake	121	Rehab collection and treatment system	279690	55	\$2,089,000
Cedar Mills	261	Remove tanks/wetlands, construct pond	280148	28	\$300,000
Center City	142	Relocate sewer utilities	280052	51	\$130,000
Center City - Stormwater	268	Conveyance and treatment in CBD	279748	23	\$175,000
Centerville - Stormwater	279	Surface and sub-surface infiltration	279713	17	\$817,397
Centerville - Stormwater Downtown	264	Phased storm sewer and reuse	279717	25	\$852,863
Central Iron Range SD	13	Advanced tmnt for mercury removal	279367	86	\$4,500,000
Chisago County - Rolling Shores	30	Unsewered, potential SSTs	279841	75	\$350,000
Chisholm	67	Rehab collection system	279567	61	\$907,030
Circle Pines - Stormwater	271	Golden Lake biohaven	279778	22	\$135,730
Clarkfield	144	Rehab/expand existing system	272535	51	\$1,025,000
Clearbrook	221	Rehab collection system	279881	38	\$2,200,000
Climax	151	Rehab collection and treatment	280039	49	\$2,907,000
Clitherall	101	Unsewered, collection/treatment with ponds	279536	57	\$1,818,000
Cokato	254	Expand WWTF	279616	30	\$4,400,000
Comfrey	53	Rehab collection system	279866	66	\$2,746,000
Cottage Grove - Stormwater	286	Pre-treatment pond and infiltration	279855	15	\$807,200
Cotton Twp	309	Unsewered, collection and treatment	279441	5	\$649,639
Cottonwood	217	Rehab lift station and collection system	279749	38	\$407,700
Crane Lake - Eastern Service Area	293	Unsewered, extend collection system	272618	15	\$3,860,000
Cromwell	91	Rehab existing system	279442	58	\$350,000
Crooked Lake Twp	312	Unsewered area	280196	1	\$0
Cuyuna	62	Rehab collection	280053	63	\$1,641,400
Dalton	82	Rehab collection system	279750	60	\$1,875,000
Darwin	133	Rehab collection and treatment	279562	53	\$2,814,375
Dassel	117	Rehab collection, lift station	279751	55	\$788,030
Dawson	51	Rehab collection system	279752	68	\$5,200,000
Deer Creek	223	Replace lift station	279830	38	\$170,000
Deer River	197	Pond expansion and improvements	272596	43	\$2,107,800

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Deerwood	220	Rehab collection system, lift station	279632	38	\$150,000
DeGraff	17	Unsewered area, potential LSTS	280174	81	\$3,072,100
Detroit Lakes	129	Replace lift station	279739	53	\$155,000
Dresbach Twp	153	Unsewered, collection and treatment	279753	48	\$4,700,000
Duluth - CIPP	7	Rehab collection/CIPP, basins 23, 19, 18A	279824	91	\$4,433,070
Dumont	88	Treatment facility corrective action	280240	58	\$1,640,000
Dundee	8	Unsewered, collection and treatment	279551	90	\$2,904,000
Eagan - Stormwater	285	Fish Lake alum station, sediment basin	279754	15	\$198,000
East Grand Forks - Phase 2	107	Connect to Grand Forks, decommission ponds	279499	56	\$9,798,424
Easton	71	Rehab collection system	279652	61	\$529,888
Eden Valley	119	Rehab collection system	280170	55	\$342,000
Elbow Lake - Division Street	95	Rehab collection system	279446	58	\$375,000
Elbow Lake - East Side	132	Rehab collection system	279871	53	\$1,675,000
Elk River	247	Rehab/expand treatment, advanced treatment	280221	31	\$11,294,000
Ellendale	34	Rehab and expand sewer system	279447	73	\$960,000
Ely	90	Rehab collection system	279370	58	\$2,106,750
Emily	306	Unsewered, connect to WWTF	279882	8	\$1,980,000
Erskine	81	Rehab collection and treatment systems	279755	60	\$410,000
Evansville	112	Rehab collection system	279756	56	\$3,294,338
Eveleth	52	Rehab collection system	280167	66	\$386,305
Faribault County - Guckeen	12	Unsewered, SSTS	279316	86	\$1,065,000
Federal Dam	236	Rehab collection system	272280	34	\$1,184,000
Felton	99	Rehab collection system and pond	279836	58	\$1,842,000
Fillmore County - Greenleafon	77	Unsewered, potential SSTS	279833	60	\$1,201,071
Floodwood	226	Rehab collection system	279832	37	\$275,000
Forest Lake - Stormwater	299	Construct filtration BMPs	279708	11	\$209,181
Fountain	76	Corrective actions	279411	60	\$183,500
Foxhome	180	Unsewered, potential SSTS	279617	45	\$750,000
Frazee	206	Rehab collection system	280166	40	\$690,000
French Twp - Wall Street	252	Unsewered, potential SSTS	279638	30	\$535,000
Gem Lake - Stormwater	292	South Scheuneman Road improvements	279759	15	\$140,000
Gonvick	159	Rehab/expand existing system	271210	48	\$2,100,000
Gonvick	202	Unsewered, potential SSTS	279885	42	\$0
Graceville	96	Rehab collection, pond improvements	279863	58	\$4,460,000
Grand Lake Twp - Caribou Lake	127	Unsewered, collection and treatment	279366	53	\$1,450,000
Grand Marais	201	Rehab collection system	272477	42	\$645,500

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Grand Rapids	184	Phase II secondary treatment project	279861	45	\$22,087,000
Granite Falls 1	32	Biosolids storage and I/I removal	280214	74	\$3,150,000
Granite Falls 2	44	Future expansion based on reduced flows	280215	69	\$5,390,000
Grasston	235	Rehab ponds and collection system	279879	34	\$1,506,823
Greenbush	198	Rehab collection system	279371	43	\$282,968
Grove City	179	New mechanical treatment facility	279549	46	\$4,279,200
Hackensack - Stormwater	295	East side of Hwy 371	279760	13	\$155,000
Ham Lake	103	Unsewered, potential SSTs	279654	56	\$2,000,000
Ham Lake - Stormwater	320	Hiawatha Beach/Comfort Resort Area	279820	1	\$462,000
Hamburg	222	Regionalize - Norwood/Young America	279452	38	\$2,933,000
Hampton	283	Rehab/expand existing system	272532	16	\$0
Hanley Falls	195	Rehab collection system	279761	43	\$1,104,000
Hartland	225	Rehab existing system	279779	38	\$339,226
Hawley - Phase 3	87	Rehab collection system	279763	59	\$716,000
Hayfield	68	Rehab/expand WWTF, advanced treatment	280224	61	\$2,508,000
Hayward	42	Rehab pond, advanced treatment	279857	70	\$175,000
Hazel Run	5	Unsewered, potential SSTs	279649	92	\$894,000
Hector	110	Rehab collection and treatment system	279785	56	\$4,820,000
Hector - Stormwater	301	Sediment ponds	279786	11	\$2,072,200
Henning	120	Rehab collection system	272626	55	\$2,596,463
Hibbing	92	Advance trmt and rehab pump station	279668	58	\$1,506,000
Hibbing - Stormwater	289	Replace conveyance system, add pond.	280051	15	\$4,092,000
Hitterdal	269	Rehab/expand ponds, extend sewer	272595	23	\$825,500
Hopkins-LS #1 Abandonment	64	Abandon LS, install new collection	279694	61	\$286,185
Hopkins-LS #4	173	Rehab collection system and LS	279693	46	\$156,652
Howard Lake	152	Rehab collection system, Phase 2	279880	49	\$7,625,500
Hutchinson	58	Rehab facility, advanced treatment	279688	63	\$613,800
Inver Grove Heights - Stormwater	238	78th St. and Concord Blvd treatment basin	280249	33	\$441,580
Inver Grove Heights - Stormwater	310	Orchard trail infiltration and pond improvements	280239	3	\$314,700
Ivanhoe	49	Rehab collection system	280165	68	\$2,366,000
Jackson - unsewered	38	Unsewered, connect to WWTF	279859	71	\$1,406,085
Jenkins	323	Unsewered area	279458	1	\$0
Kabetogama Twp - Puck's Point	125	Unsewered, LSTS spray/subsurface disposal	279610	53	\$1,500,000
Kandiyohi	61	Rehab collection sytem	280169	63	\$1,694,900
Kelliher	224	Rehab collection system	279876	38	\$791,000
Kenyon	135	Rehab collection and treatment system	280045	52	\$1,908,286

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Kingston	324	Unsewered, replace SSTS	279532	1	\$0
Koochiching County - Island View Voyageur	250	Unsewered, connect to NKSSD	279707	30	\$15,000,000
La Crescent	241	Rehab/expand existing system	272324	33	\$796,200
La Crescent Twp	255	Unsewered, potential SSTS	279641	29	\$0
Lake County - Larsmont	258	Unsewered, connect to WLSSD	272438	28	\$975,000
Lake of the Woods Co. - Wheelers Point	72	Unsewered, potential SSTS	279475	61	\$7,004,000
Lake Park	70	Rehab collection system	279765	61	\$1,783,000
Lake Twp - Lakewood MPH	325	Unsewered, collection and treatment	279598	1	\$1,958,495
Lake Twp - Warroad Estates/Northern Light	326	Unsewered, collection and treatment	279604	1	\$3,775,579
Lake View Twp - N. Lake Sallie	237	Unsewered, potential SSTS	279646	33	\$0
Lake View Twp - S. Lake Melissa	256	Unsewered, potential SSTS	279847	29	\$0
Lake View Twp - Shoreham Village	246	Unsewered, potential SSTS	279846	31	\$0
Lake View Twp - W. Lake Melissa	210	Soil-based cluster system.	280061	39	\$750,000
Lake Washington Sanitary District	270	Unsewered tri-lakes , connect to Mankato	279766	22	\$9,246,400
Lakefield	3	Rehab collection and treatment	279869	93	\$11,320,216
Laketown Twp	140	Rehab existing collection system	279870	51	\$370,000
Lamberton	57	Rehab collection system	279865	63	\$2,396,000
Lansing Twp 2	305	Expand treatment WWTF	279600	9	\$0
Laporte	274	Rehab/expand collection and trmt	279573	20	\$250,000
Laporte - Unsewered	284	Unsewered, connect to WWTF	279578	15	\$100,000
Le Center	109	Rehab collection system	279784	56	\$7,541,000
Le Roy	215	Rehab collection system	279834	39	\$521,000
Leaf Valley Twp - Northwest	160	Unsewered, potential SSTS	279816	48	\$0
Leonard	251	Unsewered, potential SSTS	279586	30	\$0
Lewiston	25	Rehab/expand existing system	279379	78	\$1,343,000
Lindstrom - Mentzer / Melody	281	Unsewered, connect to CLJSD	279745	16	\$340,000
Lindstrom - Sewer Lining	230	Rehab collection system	279743	36	\$65,000
Longville	244	Rehab collection system	279872	33	\$678,000
Loretto	35	Regionalization with MCES	279890	73	\$1,262,500
Louisburg	163	Unsewered, potential SSTS	279650	47	\$561,000
Lucan	59	Rehab/expand existing ponds	272586	63	\$2,105,000
Mabel	111	Rehab collection system	280048	56	\$2,310,000
Madison	177	Rehab/expansion, advanced treatment	280179	46	\$3,410,000
Madison Lake - Stormwater	291	SW Treatment	280050	15	\$0
Mahnomen	154	Rehab collection and treatment system	279684	48	\$420,000
Mankato	183	Primary & secondary clarifier improvements.	280229	45	\$6,615,000

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Mankato - Knollwood Park	11	Decommision pond, connect to Mankato	280203	88	\$1,214,086
Mankato - Schaefer's Addition	148	Unsewered, connect to Mankato WWTF	280204	49	\$2,308,881
Mankato - Stormwater	239	Kearny infiltration and pond improvements	280202	33	\$2,775,574
Maple Lake	123	Rehab collection system	280153	54	\$1,511,800
Mapleton	94	Rehab collection and treatment system	280180	58	\$2,050,000
Marine on St. Croix	327	Rehab collection system	279686	1	\$0
Maynard	46	Rehab collection system	280038	68	\$3,303,000
Mazeppa	213	Rehab/expand existing system	279509	39	\$500,000
MCES 1-MN-310/320	138	Interceptor improvements	279768	51	\$99,888,406
MCES Blue Lake Int. System Improvement	170	Interceptor improvements	279356	46	\$68,172,708
MCES Blue Lake Plant Improvements	106	Treatment plant improvements	279341	56	\$136,846
MCES Blue Lake Solar Panels	263	Renewable energy	280192	26	\$6,800,000
MCES Burnsville Interceptor Rehab	182	Interceptor improvements	280212	45	\$28,973,019
MCES Elm Creek	169	Interceptor improvements	272146	46	\$8,426,417
MCES Golden Valley Area Imp	139	Interceptor improvements	279770	51	\$24,328,693
MCES Hopkins System Improvements	167	Interceptor improvements	272493	46	\$62,790,509
MCES Lift Stations L7, L13, L30, L35, L66	181	Lift station improvements	279769	45	\$29,837,530
MCES Mpls Interceptor 1	136	Rehab Mpls interceptor 1	280159	51	\$25,434,108
MCES Mpls Interceptor 2	137	Rehab Mpls Interceptor 2	280213	51	\$32,760,918
MCES MWWTP Rehab & Facilities Imp	165	Treatment improvements	279435	46	\$51,190,520
MCES MWWTP Solids Processing Improv	166	Treatment improvements	272355	46	\$1,000
MCES So. St. Paul Forcemain	171	Interceptor improvements	279386	46	\$949,670
Meadowlands	282	Rehab existing system	279387	16	\$0
Menahga	243	Rehab collection system	280168	33	\$1,180,000
Mentor	204	Unsewered, collection and treatment	272592	40	\$1,847,053
Miltona	98	Rehab/expand collection and treatment	279852	58	\$2,536,000
Miltona Twp - South East	84	Unsewered, potential SSTs	279817	59	\$0
Minneapolis - Flow Meter	39	Plan/design meter improvements	279821	71	\$900,000
Minneapolis - Inflow Disconnect	40	Inflow disconnect from storm sewer	279726	71	\$6,600,000
Minneapolis - MN320	41	Plan/design collection rehab	279729	71	\$750,000
Minneapolis - War Department Tunnel	168	Plan/design collection rehab	279728	46	\$550,000
Minnetrasta	174	Rehab collection system, CIPP	280044	46	\$711,000
Moe Twp - Lobster Lake	161	Unsewered, potential SSTs	279738	47	\$0
Monticello	203	Rehab existing facility	279702	41	\$8,781,000
Moorhead	187	Rehab collection systems and LS	280184	44	\$770,000
Moose Lake	21	Expand collection and treatment system	279577	81	\$4,682,889

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Mora	86	Rehab existing clarifiers	279631	59	\$4,191,680
Morgan	22	Rehab collection and treatment system	279771	81	\$5,000,000
Morgan - Stormwater	272	County ditch and pond	279781	21	\$6,200,000
Mountain Lake	16	New WWTF	279868	83	\$11,480,000
Murdock	175	Expand treatment, add pond	279679	46	\$400,000
Myrtle	9	Unsewered, regionalization	279322	90	\$2,549,336
Nashwauk	189	Expand existing system	272537	43	\$2,759,150
Nashwauk - Phase 2	260	Rehab collection system	279553	28	\$1,243,275
Newport	262	Rehab collection system	279656	26	\$950,000
Newport - Stormwater	277	N. ravine stabilization/nutrient removal	279657	18	\$1,550,000
Nielsville	328	Rehab collection system and pond	279416	1	\$0
Nisswa	186	Rehab/expand ponds, add subsurface discharge	279535	45	\$2,872,795
North Long Lake Sewer District	14	Rehab existing facility	279878	85	\$840,000
Northern Twp - Birchmont Beach	208	Unsewered, potential SSTs	279889	39	\$925,000
Northern Twp - Birchmont Court	209	Unsewered, potential SSTs	279888	39	\$950,000
Northern Twp - Lavinia	227	Unsewered, potential SSTs	279886	36	\$1,650,000
Northome	200	Rehab collection and treatment system	279592	43	\$4,975,000
Northrop	27	Rehab collection system and pond	280047	78	\$2,396,616
Ogilvie	115	Rehab collection, connect to Mora	279676	55	\$2,780,000
Oronoco	89	Unsewered, potential SSTs	279777	58	\$2,400,000
Oronoco Twp - Cedar Beach	36	Unsewered area, potential SSTs	280230	72	\$0
Oronoco Twp - Kings Park	31	Unsewered, potential SSTs	280058	75	\$591,373
Ortonville	54	Rehab collection system	279787	65	\$850,000
Ortonville - McCloud Street	116	Rehab collection system	279636	55	\$350,000
Osakis	216	Rehab/expand existing system	279500	38	\$5,782,500
Oslo	248	Rehab collection system and pond	272412	31	\$575,000
Ottertail	315	Unsewered	272311	1	\$3,760,000
Palisade	308	Rehab collection, expand treatment	279467	8	\$830,000
Pelican Group of Lakes Improvement Distr	316	Unsewered, collection and treatment	272581	1	\$16,949,850
Pelican Rapids	60	Rehab collection system, Ph 2	279468	63	\$3,166,000
Pelican Rapids - Headworks	130	Rehab treatment system	280175	53	\$6,727,100
Pequot Lakes - Alley	207	Rehab collection system	279789	40	\$350,000
Pequot Lakes - Existing area	205	Rehab collection system	279521	40	\$4,000,000
Perham	185	Rehab collection system, southside	280245	45	\$1,245,000
Pope County - Clearwater Bay	85	Unsewered, potential SSTs	280060	59	\$732,434
Prior Lake	114	Unsewered, connect to Prior Lake	280173	55	\$487,764

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Proctor	19	Rehab collection system.	280185	81	\$1,250,000
Racine	311	Rehab/expand existing system	272608	1	\$520,000
Randolph	317	Unsewered, collection and treatment	272584	1	\$3,715,600
Raymond	50	Rehab collection and treatment system	280049	68	\$5,950,000
Red Rock Twp - Nicolville	2	Unsewered, ph 2 corrective action	279497	100	\$131,236
Red Wing	265	Construct regional bio-solids facility	279792	24	\$9,000,000
Red Wing - Phase 2	56	Rehab main facility and biosolids	273002	64	\$1,558,000
Rice - Stormwater	290	Core residential area	279793	15	\$446,000
Rice County - Roberds Lake	73	Unsewered, connect to Faribault	280059	60	\$5,499,150
Rice Creek WD - Stormwater	303	Locke Lake sediment basin	279730	11	\$750,000
Rice Lake Twp	18	Rehab collection, remove lift station	280161	81	\$410,000
Richmond	212	Rehab collection system	279612	39	\$573,000
Rockford	233	Rehab treatment, add phos treatment	280209	34	\$1,160,000
Rose Creek	257	Rehab collection system	279554	29	\$621,925
Rothsay	146	Rehab collection system	279795	51	\$2,200,000
Royalton - Stormwater	273	East side Hwy 10	279796	20	\$375,000
Rush City	93	Rehab collection system	279849	58	\$863,688
Rushford	149	Rehab collection system (Hwy 43)	280210	49	\$404,000
Rutledge	318	Unsewered, collection and treatment	272569	1	\$1,292,000
RWMWD - Stormwater Hwys 36 & 61	267	Improved stormwater management	279710	23	\$1,340,000
Sacred Heart	23	Rehab collection and treatment system	279877	81	\$7,469,000
Sandstone	128	Expand existing system	279518	53	\$15,956,000
Scanlon	15	Rehab collection system	280162	83	\$525,000
Sebeka	232	Rehab collection system	279644	35	\$900,000
Shafer	297	Expand WWTF, advanced treatment	279471	11	\$1,865,600
Shevlin	276	Unsewered, potential SSTS	279584	18	\$0
Shoreview - Stormwater	296	Woodbridge Street road recon	279721	12	\$1,440,400
Silver Creek Twp - Castle Danger 2	314	Unsewered, connect to WWTF	279408	1	\$3,600,000
Silver Creek Twp - Stewart River	124	Unsewered, collection and treatment	272439	53	\$5,500,000
Solway	275	Unsewered, potential SSTS	279585	18	\$0
South Bend Twp	259	Unsewered, connect to Mankato	279797	28	\$3,556,000
St. Anthony - Stormwater	240	Chemical alum treatment system	280183	33	\$500,000
St. Cloud - Interceptor	141	Rehab interceptor sewer	279697	51	\$7,500,000
St. Francis	329	New eastside WWTF, rehab westside WWTF	279525	1	\$10,500,000
St. Martin	158	Rehab/expand existing system	279502	48	\$2,506,000
St. Paul - Stormwater	278	College Park infiltration project	279715	17	\$1,300,000

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
St. Stephen	319	Unsewered, collection and treatment	272552	1	\$9,518,000
Staples	249	Rehab treatment, advanced treatment	280226	31	\$2,665,000
Stephen	219	Rehab/expand existing system	272496	38	\$1,250,000
Stewartville	147	Lift station, EQ basin, advanced treatment	279681	50	\$819,500
Summit Lake Twp - Reading	45	Unsewered, potential SSTS	280149	68	\$0
Tower - Brietung Wastewater Board	102	Rehab collection and treatment system	272308	57	\$2,327,300
Tower - Hoo-Doo Point	288	Unsewered, connect to WWTP	272639	15	\$627,300
Tower - West T.H. 169	321	Unsewered, connect to WWTF	279409	1	\$787,000
Tracy	10	Rehab/expand existing system	279575	88	\$16,000,000
Trimont	4	Rehab collection and treatment system	279800	93	\$6,142,100
Trosky	33	Unsewered, potential SSTS	279723	73	\$863,000
Truman	69	Rehab collection system	280171	61	\$957,700
Twin Valley	218	Sewer Rehab	280244	38	\$400,000
Two Harbors	37	Advance treatment, mercury	280046	72	\$3,464,689
Verndale	80	Rehab collection system	279403	60	\$2,943,250
Vernon Center	150	Rehab collection system	279640	49	\$1,300,000
Villard Area Lakes SD	134	Unsewered, collection and treatment	279603	52	\$8,907,000
Wadena	108	Rehab collection system	279826	56	\$3,273,000
Wadena - Stormwater	300	Stormwater infiltration	279827	11	\$1,166,000
Waldorf	65	Rehab collection system	279619	61	\$1,312,000
Walker	118	Rehab collection system	279875	55	\$4,007,400
Walnut Grove	29	Rehab collection and treatment system	279802	76	\$5,829,000
Warba	199	Rehab collection, ponds, adv treatment	279622	43	\$2,278,000
Warren	131	Rehab collection system - Phase 2	279803	53	\$850,000
Warroad	196	Rehab/expand existing system	272473	43	\$4,277,313
Waseca - Stormwater	298	Pipe/channel diversion to natural wetland	279703	11	\$500,000
Watertown	190	Rehab/expand existing system	279514	43	\$9,400,000
Waterville	155	Rehab system, LS and sewer extension	279804	48	\$2,160,000
Waubun	97	Rehab of the existing system	280231	58	\$2,850,000
West St. Paul - Stormwater	266	Thompson Lake improvements	279716	23	\$1,516,000
Westbrook	330	Rehab/expand existing system	272529	1	\$0
White Bear Twp	228	Rehab collection system	279699	36	\$1,107,000
White Twp - Gardendale Utility Improv. Prc	26	Rehab collection system	279808	78	\$316,800
Willmar - Lakeland Drive	66	Rehab Lakeland Drive interceptor, LS	279810	61	\$6,600,000
Willmar - Western	176	Construct western collector system	279811	46	\$3,966,092
Winsted	242	Advanced treatment, LS improvements	279864	33	\$5,050,000

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
WLSSD - Interceptor Improvements	6	Rehab interceptors	279633	91	\$15,968,960
WLSSD - Pump Station Improvements	105	Rehab pump stations	279663	56	\$28,113,000
WLSSD - Treatment Plant Improvements	104	Rehab treatment system	279659	56	\$25,177,000
Wrenshall	20	Rehab Pioneer Drive	279812	81	\$90,000
Wright	162	Unsewered, collection and treatment	272582	47	\$1,600,000
Wykoff	231	Rehab existing facility	279839	36	\$1,630,000
Total Projects	330				\$1,281,691,081

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
1	Blue Earth	Rehab collection system, Ph 5	279439	105	\$413,753
2	Red Rock Twp - Nicolville	Unsewered, ph 2 corrective action	279497	100	\$131,236
3	Lakefield	Rehab collection and treatment	279869	93	\$11,320,216
4	Trimont	Rehab collection and treatment system	279800	93	\$6,142,100
5	Hazel Run	Unsewered, potential SSTS	279649	92	\$894,000
6	WLSSD - Interceptor Improvements	Rehab interceptors	279633	91	\$15,968,960
7	Duluth - CIPP	Rehab collection/CIPP, basins 23, 19, 18A	279824	91	\$4,433,070
8	Dundee	Unsewered, collection and treatment	279551	90	\$2,904,000
9	Myrtle	Unsewered, regionalization	279322	90	\$2,549,336
10	Tracy	Rehab/expand existing system	279575	88	\$16,000,000
11	Mankato - Knollwood Park	Decommision pond, connect to Mankato	280203	88	\$1,214,086
12	Faribault County - Guckeen	Unsewered, SSTS	279316	86	\$1,065,000
13	Central Iron Range SD	Advanced tmnt for mercury removal	279367	86	\$4,500,000
14	North Long Lake Sewer District	Rehab existing facility	279878	85	\$840,000
15	Scanlon	Rehab collection system	280162	83	\$525,000
16	Mountain Lake	New WWTF	279868	83	\$11,480,000
17	DeGraff	Unsewered area, potential LSTS	280174	81	\$3,072,100
18	Rice Lake Twp	Rehab collection, remove lift station	280161	81	\$410,000
19	Proctor	Rehab collection system.	280185	81	\$1,250,000
20	Wrenshall	Rehab Pioneer Drive	279812	81	\$90,000
21	Moose Lake	Expand collection and treatment system	279577	81	\$4,682,889
22	Morgan	Rehab collection and treatment system	279771	81	\$5,000,000
23	Sacred Heart	Rehab collection and treatment system	279877	81	\$7,469,000
24	Biscay	Unsewered, potential SSTS	279667	79	\$1,215,075
25	Lewiston	Rehab/expand existing system	279379	78	\$1,343,000
26	White Twp - Gardendale Utility Improv. Pro	Rehab collection system	279808	78	\$316,800
27	Northrop	Rehab collection system and pond	280047	78	\$2,396,616
28	Austin Twp - Turtle Creek 1	Unsewered area, potential SSTS	280191	76	\$550,000
29	Walnut Grove	Rehab collection and treatment system	279802	76	\$5,829,000
30	Chisago County - Rolling Shores	Unsewered, potential SSTS	279841	75	\$350,000
31	Oronoco Twp - Kings Park	Unsewered, potential SSTS	280058	75	\$591,373
32	Granite Falls 1	Biosolids storage and I/I removal	280214	74	\$3,150,000
33	Trosky	Unsewered, potential SSTS	279723	73	\$863,000
34	Ellendale	Rehab and expand sewer system	279447	73	\$960,000
35	Loretto	Regionalization with MCES	279890	73	\$1,262,500
36	Oronoco Twp - Cedar Beach	Unsewered area, potential SSTS	280230	72	\$0
37	Two Harbors	Advance treatment, mercury	280046	72	\$3,464,689
38	Jackson - unsewered	Unsewered, connect to WWTF	279859	71	\$1,406,085
39	Minneapolis - Flow Meter	Plan/design meter improvements	279821	71	\$900,000
40	Minneapolis - Inflow Disconnect	Inflow disconnect from storm sewer	279726	71	\$6,600,000
41	Minneapolis - MN320	Plan/design collection rehab	279729	71	\$750,000
42	Hayward	Rehab pond, advanced treatment	279857	70	\$175,000
43	Browns Valley	Rehab collection system and pump station	279873	70	\$5,357,000
44	Granite Falls 2	Future expansion based on reduced flows	280215	69	\$5,390,000
45	Summit Lake Twp - Reading	Unsewered, potential SSTS	280149	68	\$0
46	Maynard	Rehab collection system	280038	68	\$3,303,000
47	Afton	Unsewered, potential SSTS	279825	68	\$3,970,000
48	Canby	Rehab collection system	280222	68	\$7,451,000
49	Ivanhoe	Rehab collection system	280165	68	\$2,366,000
50	Raymond	Rehab collection and treatment system	280049	68	\$5,950,000
51	Dawson	Rehab collection system	279752	68	\$5,200,000
52	Eveleth	Rehab collection system	280167	66	\$386,305
53	Comfrey	Rehab collection system	279866	66	\$2,746,000
54	Ortonville	Rehab collection system	279787	65	\$850,000
55	Cascade Twp - Hallmark Terrace	Replace pond, connect to Rochester	280054	64	\$500,000
56	Red Wing - Phase 2	Rehab main facility and biosolids	273002	64	\$1,558,000
57	Lamberton	Rehab collection system	279865	63	\$2,396,000
58	Hutchinson	Rehab facility, advanced treatment	279688	63	\$613,800
59	Lucan	Rehab/expand existing ponds	272586	63	\$2,105,000
60	Pelican Rapids	Rehab collection system, Ph 2	279468	63	\$3,166,000
61	Kandiyohi	Rehab collection sytem	280169	63	\$1,694,900
62	Cuyuna	Rehab collection	280053	63	\$1,641,400

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
63	Bemidji Twp	Unsewered, potential SSTS	279887	61	\$350,000
64	Hopkins-LS #1 Abandonment	Abandon LS, install new collection	279694	61	\$286,185
65	Waldorf	Rehab collection system	279619	61	\$1,312,000
66	Willmar - Lakeland Drive	Rehab Lakeland Drive interceptor, LS	279810	61	\$6,600,000
67	Chisholm	Rehab collection system	279567	61	\$907,030
68	Hayfield	Rehab/expand WWTF, advanced treatment	280224	61	\$2,508,000
69	Truman	Rehab collection system	280171	61	\$957,700
70	Lake Park	Rehab collection system	279765	61	\$1,783,000
71	Easton	Rehab collection system	279652	61	\$529,888
72	Lake of the Woods Co. - Wheelers Point	Unsewered, potential SSTS	279475	61	\$7,004,000
73	Rice County - Roberds Lake	Unsewered, connect to Faribault	280059	60	\$5,499,150
74	Bethel	Replace pond liner, monitoring well	279835	60	\$190,000
75	Backus	Connection to Pine River	279602	60	\$3,009,000
76	Fountain	Corrective actions	279411	60	\$183,500
77	Fillmore County - Greenleafon	Unsewered, potential SSTS	279833	60	\$1,201,071
78	Blackduck	Rehab collection and treatment system	279582	60	\$3,174,894
79	Belgrade	Rehab collection system	280042	60	\$2,890,000
80	Verndale	Rehab collection system	279403	60	\$2,943,250
81	Erskine	Rehab collection and treatment systems	279755	60	\$410,000
82	Dalton	Rehab collection system	279750	60	\$1,875,000
83	Albert Lea - Stables Area	Unsewered, connect to Albert Lea	279701	59	\$1,778,000
84	Miltna Twp - South East	Unsewered, potential SSTS	279817	59	\$0
85	Pope County - Clearwater Bay	Unsewered, potential SSTS	280060	59	\$732,434
86	Mora	Rehab existing clarifiers	279631	59	\$4,191,680
87	Hawley - Phase 3	Rehab collection system	279763	59	\$716,000
88	Dumont	Treatment facility corrective action	280240	58	\$1,640,000
89	Oronoco	Unsewered, potential SSTS	279777	58	\$2,400,000
90	Ely	Rehab collection system	279370	58	\$2,106,750
91	Cromwell	Rehab existing system	279442	58	\$350,000
92	Hibbing	Advance trmt and rehab pump station	279668	58	\$1,506,000
93	Rush City	Rehab collection system	279849	58	\$863,688
94	Mapleton	Rehab collection and treatment system	280180	58	\$2,050,000
95	Elbow Lake - Division Street	Rehab collection system	279446	58	\$375,000
96	Graceville	Rehab collection, pond improvements	279863	58	\$4,460,000
97	Waubun	Rehab of the existing system	280231	58	\$2,850,000
98	Miltna	Rehab/expand collection and treatment	279852	58	\$2,536,000
99	Felton	Rehab collection system and pond	279836	58	\$1,842,000
100	Borup	Rehab Collection and treatment system	280246	58	\$2,510,990
101	Clitherall	Unsewered, collection/treatment with ponds	279536	57	\$1,818,000
102	Tower - Brietung Wastewater Board	Rehab collection and treatment system	272308	57	\$2,327,300
103	Ham Lake	Unsewered, potential SSTS	279654	56	\$2,000,000
104	WLSSD - Treatment Plant Improvements	Rehab treatment system	279659	56	\$25,177,000
105	WLSSD - Pump Station Improvements	Rehab pump stations	279663	56	\$28,113,000
106	MCES Blue Lake Plant Improvements	Treatment plant improvements	279341	56	\$136,846
107	East Grand Forks - Phase 2	Connect to Grand Forks, decommission ponds	279499	56	\$9,798,424
108	Wadena	Rehab collection system	279826	56	\$3,273,000
109	Le Center	Rehab collection system	279784	56	\$7,541,000
110	Hector	Rehab collection and treatment system	279785	56	\$4,820,000
111	Mabel	Rehab collection system	280048	56	\$2,310,000
112	Evansville	Rehab collection system	279756	56	\$3,294,338
113	Cass County - Stony Point	Unsewered, potential SSTS	279845	55	\$1,200,000
114	Prior Lake	Unsewered, connect to Prior Lake	280173	55	\$487,764
115	Ogilvie	Rehab collection, connect to Mora	279676	55	\$2,780,000
116	Ortonville - McCloud Street	Rehab collection system	279636	55	\$350,000
117	Dassel	Rehab collection, lift station	279751	55	\$788,030
118	Walker	Rehab collection system	279875	55	\$4,007,400
119	Eden Valley	Rehab collection system	280170	55	\$342,000
120	Henning	Rehab collection system	272626	55	\$2,596,463
121	Cass Lake	Rehab collection and treatment system	279690	55	\$2,089,000
122	Cambridge	Rehab treatment facility, P removal	280163	54	\$15,062,300
123	Maple Lake	Rehab collection system	280153	54	\$1,511,800
124	Silver Creek Twp - Stewart River	Unsewered, collection and treatment	272439	53	\$5,500,000
125	Kabetogama Twp - Puck's Point	Unsewered, LSTS spray/subsurface disposal	279610	53	\$1,500,000

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
126	Austin Twp - Turtle Creek 2	Unsewered area, potential SSTS	280190	53	\$630,000
127	Grand Lake Twp - Caribou Lake	Unsewered, collection and treatment	279366	53	\$1,450,000
128	Sandstone	Expand existing system	279518	53	\$15,956,000
129	Detroit Lakes	Replace lift station	279739	53	\$155,000
130	Pelican Rapids - Headworks	Rehab treatment system	280175	53	\$6,727,100
131	Warren	Rehab collection system - Phase 2	279803	53	\$850,000
132	Elbow Lake - East Side	Rehab collection system	279871	53	\$1,675,000
133	Darwin	Rehab collection and treatment	279562	53	\$2,814,375
134	Villard Area Lakes SD	Unsewered, collection and treatment	279603	52	\$8,907,000
135	Kenyon	Rehab collection and treatment system	280045	52	\$1,908,286
136	MCES Mpls Interceptor 1	Rehab Mpls interceptor 1	280159	51	\$25,434,108
137	MCES Mpls Interceptor 2	Rehab Mpls Interceptor 2	280213	51	\$32,760,918
138	MCES 1-MN-310/320	Interceptor improvements	279768	51	\$99,888,406
139	MCES Golden Valley Area Imp	Interceptor improvements	279770	51	\$24,328,693
140	Laketown Twp	Rehab existing collection system	279870	51	\$370,000
141	St. Cloud - Interceptor	Rehab interceptor sewer	279697	51	\$7,500,000
142	Center City	Relocate sewer utilities	280052	51	\$130,000
143	Blooming Prairie	Rehab collection system	280232	51	\$2,280,000
144	Clarkfield	Rehab/expand existing system	272535	51	\$1,025,000
145	Bovey	Rehab collection system	279580	51	\$450,000
146	Rothsay	Rehab collection system	279795	51	\$2,200,000
147	Stewartville	Lift station, EQ basin, advanced treatment	279681	50	\$819,500
148	Mankato - Schaefers Addition	Unsewered, connect to Mankato WWTF	280204	49	\$2,308,881
149	Rushford	Rehab collection system (Hwy 43)	280210	49	\$404,000
150	Vernon Center	Rehab collection system	279640	49	\$1,300,000
151	Climax	Rehab collection and treatment	280039	49	\$2,907,000
152	Howard Lake	Rehab collection system, Phase 2	279880	49	\$7,625,500
153	Dresbach Twp	Unsewered, collection and treatment	279753	48	\$4,700,000
154	Mahnomen	Rehab collection and treatment system	279684	48	\$420,000
155	Waterville	Rehab system, LS and sewer extension	279804	48	\$2,160,000
156	Bagley	Rehab collection system	280146	48	\$1,861,000
157	Atwater	Sewer rehab	272614	48	\$2,045,800
158	St. Martin	Rehab/expand existing system	279502	48	\$2,506,000
159	Gonvick	Rehab/expand existing system	271210	48	\$2,100,000
160	Leaf Valley Twp - Northwest	Unsewered, potential SSTS	279816	48	\$0
161	Moe Twp - Lobster Lake	Unsewered, potential SSTS	279738	47	\$0
162	Wright	Unsewered, collection and treatment	272582	47	\$1,600,000
163	Louisburg	Unsewered, potential SSTS	279650	47	\$561,000
164	Carlos Twp	Unsewered, potential SSTS	279815	46	\$0
165	MCES MWWTP Rehab & Facilities Imp	Treatment improvements	279435	46	\$51,190,520
166	MCES MWWTP Solids Processing Improv	Treatment improvements	272355	46	\$1,000
167	MCES Hopkins System Improvements	Interceptor improvements	272493	46	\$62,790,509
168	Minneapolis - War Department Tunnel	Plan/design collection rehab	279728	46	\$550,000
169	MCES Elm Creek	Interceptor improvements	272146	46	\$8,426,417
170	MCES Blue Lake Int. System Improvement	Interceptor improvements	279356	46	\$68,172,708
171	MCES So. St. Paul Forcemain	Interceptor improvements	279386	46	\$949,670
172	Austin	Rehab/expand existing system	272409	46	\$3,500,000
173	Hopkins-LS #4	Rehab collection system and LS	279693	46	\$156,652
174	Minnetrista	Rehab collection system, CIPP	280044	46	\$711,000
175	Murdock	Expand treatment, add pond	279679	46	\$400,000
176	Willmar - Western	Construct western collector system	279811	46	\$3,966,092
177	Madison	Rehab/expansion, advanced treatment	280179	46	\$3,410,000
178	Buhl	Rehab collection system	279550	46	\$1,715,500
179	Grove City	New mechanical treatment facility	279549	46	\$4,279,200
180	Foxhome	Unsewered, potential SSTS	279617	45	\$750,000
181	MCES Lift Stations L7, L13, L30, L35, L66	Lift station improvements	279769	45	\$29,837,530
182	MCES Burnsville Interceptor Rehab	Interceptor improvements	280212	45	\$28,973,019
183	Mankato	Primary & secondary clarifier improvements.	280229	45	\$6,615,000
184	Grand Rapids	Phase II secondary treatment project	279861	45	\$22,087,000
185	Perham	Rehab collection system, southside	280245	45	\$1,245,000
186	Nisswa	Rehab/expand ponds, add subsurface discharge	279535	45	\$2,872,795
187	Moorhead	Rehab collection systems and LS	280184	44	\$770,000

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Appendix 3: 2014 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
188	Aitkin	Rehab collection system	279862	44	\$1,400,000
189	Nashwauk	Expand existing system	272537	43	\$2,759,150
190	Watertown	Rehab/expand existing system	279514	43	\$9,400,000
191	ALASD - AGA Drive	Interceptor improvements	279736	43	\$706,000
192	ALASD - CR82	Interceptor improvements	279735	43	\$1,367,000
193	ALASD - Digester	Additional aroebic digester cell	279733	43	\$2,205,000
194	ALASD - TH29	Interceptor improvements	279734	43	\$1,325,000
195	Hanley Falls	Rehab collection system	279761	43	\$1,104,000
196	Warroad	Rehab/expand existing system	272473	43	\$4,277,313
197	Deer River	Pond expansion and improvements	272596	43	\$2,107,800
198	Greenbush	Rehab collection system	279371	43	\$282,968
199	Warba	Rehab collection, ponds, adv treatment	279622	43	\$2,278,000
200	Northome	Rehab collection and treatment system	279592	43	\$4,975,000
201	Grand Marais	Rehab collection system	272477	42	\$645,500
202	Gonvick	Unsewered, potential SSTS	279885	42	\$0
203	Monticello	Rehab existing facility	279702	41	\$8,781,000
204	Mentor	Unsewered, collection and treatment	272592	40	\$1,847,053
205	Pequot Lakes - Existing area	Rehab collection system	279521	40	\$4,000,000
206	Frazee	Rehab collection system	280166	40	\$690,000
207	Pequot Lakes - Alley	Rehab collection system	279789	40	\$350,000
208	Northern Twp - Birchmont Beach	Unsewered, potential SSTS	279889	39	\$925,000
209	Northern Twp - Birchmont Court	Unsewered, potential SSTS	279888	39	\$950,000
210	Lake View Twp - W. Lake Melissa	Soil-based cluster system.	280061	39	\$750,000
211	Annandale	Rehab collection system	279850	39	\$1,228,200
212	Richmond	Rehab collection system	279612	39	\$573,000
213	Mazeppa	Rehab/expand existing system	279509	39	\$500,000
214	Browerville - Phase 2	Rehab treatment facility	272617	39	\$6,205,600
215	Le Roy	Rehab collection system	279834	39	\$521,000
216	Osakis	Rehab/expand existing system	279500	38	\$5,782,500
217	Cottonwood	Rehab lift station and collection system	279749	38	\$407,700
218	Twin Valley	Sewer Rehab	280244	38	\$400,000
219	Stephen	Rehab/expand existing system	272496	38	\$1,250,000
220	Deerwood	Rehab collection system, lift station	279632	38	\$150,000
221	Clearbrook	Rehab collection system	279881	38	\$2,200,000
222	Hamburg	Regionalize - Norwood/Young America	279452	38	\$2,933,000
223	Deer Creek	Replace lift station	279830	38	\$170,000
224	Kelliher	Rehab collection system	279876	38	\$791,000
225	Hartland	Rehab existing system	279779	38	\$339,226
226	Floodwood	Rehab collection system	279832	37	\$275,000
227	Northern Twp - Lavinia	Unsewered, potential SSTS	279886	36	\$1,650,000
228	White Bear Twp	Rehab collection system	279699	36	\$1,107,000
229	Big Lake	Expand WWTF, advanced trmt	280172	36	\$18,526,000
230	Lindstrom - Sewer Lining	Rehab collection system	279743	36	\$65,000
231	Wykoff	Rehab existing facility	279839	36	\$1,630,000
232	Sebekka	Rehab collection system	279644	35	\$900,000
233	Rockford	Rehab treatment, add phos treatment	280209	34	\$1,160,000
234	Brownsville	Rehab treatment facility	279489	34	\$1,210,000
235	Grasston	Rehab ponds and collection system	279879	34	\$1,506,823
236	Federal Dam	Rehab collection system	272280	34	\$1,184,000
237	Lake View Twp - N. Lake Sallie	Unsewered, potential SSTS	279646	33	\$0
238	Inver Grove Heights - Stormwater	78th St. and Concord Blvd treatment basin	280249	33	\$441,580
239	Mankato - Stormwater	Kearny infiltration and pond improvements	280202	33	\$2,775,574
240	St. Anthony - Stormwater	Chemical alum treatment system	280183	33	\$500,000
241	La Crescent	Rehab/expand existing system	272324	33	\$796,200
242	Winsted	Advanced treatment, LS improvements	279864	33	\$5,050,000
243	Menahga	Rehab collection system	280168	33	\$1,180,000
244	Longville	Rehab collection system	279872	33	\$678,000
245	Amador Twp - Almelund SSD	Unsewered, potential SSTS	279508	32	\$2,745,717
246	Lake View Twp - Shoreham Village	Unsewered, potential SSTS	279846	31	\$0
247	Elk River	Rehab/expand treatment, advanced treatment	280221	31	\$11,294,000
248	Oslo	Rehab collection system and pond	272412	31	\$575,000
249	Staples	Rehab treatment, advanced treatment	280226	31	\$2,665,000
250	Koochiching County - Island View Voyageu	Unsewered, connect to NKSSD	279707	30	\$15,000,000

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Appendix 3: 2014 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
251	Leonard	Unsewered, potential SSTS	279586	30	\$0
252	French Twp - Wall Street	Unsewered, potential SSTS	279638	30	\$535,000
253	Buffalo	Rehab collection system	279858	30	\$4,600,000
254	Cokato	Expand WWTF	279616	30	\$4,400,000
255	La Crescent Twp	Unsewered, potential SSTS	279641	29	\$0
256	Lake View Twp - S. Lake Melissa	Unsewered, potential SSTS	279847	29	\$0
257	Rose Creek	Rehab collection system	279554	29	\$621,925
258	Lake County - Larsmont	Unsewered, connect to WLSSD	272438	28	\$975,000
259	South Bend Twp	Unsewered, connect to Mankato	279797	28	\$3,556,000
260	Nashwauk - Phase 2	Rehab collection system	279553	28	\$1,243,275
261	Cedar Mills	Remove tanks/wetlands, construct pond	280148	28	\$300,000
262	Newport	Rehab collection system	279656	26	\$950,000
263	MCES Blue Lake Solar Panels	Renewable energy	280192	26	\$6,800,000
264	Centerville - Stormwater Downtown	Phased storm sewer and reuse	279717	25	\$852,863
265	Red Wing	Construct regional bio-solids facility	279792	24	\$9,000,000
266	West St. Paul - Stormwater	Thompson Lake improvements	279716	23	\$1,516,000
267	RWMWD - Stormwater Hwys 36 & 61	Improved stormwater management	279710	23	\$1,340,000
268	Center City - Stormwater	Conveyance and treatment in CBD	279748	23	\$175,000
269	Hitterdal	Rehab/expand ponds, extend sewer	272595	23	\$825,500
270	Lake Washington Sanitary District	Unsewered tri-lakes , connect to Mankato	279766	22	\$9,246,400
271	Circle Pines - Stormwater	Golden Lake biohaven	279778	22	\$135,730
272	Morgan - Stormwater	County ditch and pond	279781	21	\$6,200,000
273	Royalton - Stormwater	East side Hwy 10	279796	20	\$375,000
274	Laporte	Rehab/expand collection and trmt	279573	20	\$250,000
275	Solway	Unsewered, potential SSTS	279585	18	\$0
276	Shevlin	Unsewered, potential SSTS	279584	18	\$0
277	Newport - Stormwater	N. ravine stabilization/nutrient removal	279657	18	\$1,550,000
278	St. Paul - Stormwater	College Park infiltration project	279715	17	\$1,300,000
279	Centerville - Stormwater	Surface and sub-surface infiltration	279713	17	\$817,397
280	Big Lake Area SD - Fond du Lac	Unsewered, connect to WLSSD	280208	16	\$14,000,000
281	Lindstrom - Mentzer / Melody	Unsewered, connect to CLJSD	279745	16	\$340,000
282	Meadowlands	Rehab existing system	279387	16	\$0
283	Hampton	Rehab/expand existing system	272532	16	\$0
284	Laporte - Unsewered	Unsewered, connect to WWTF	279578	15	\$100,000
285	Eagan - Stormwater	Fish Lake alum station, sediment basin	279754	15	\$198,000
286	Cottage Grove - Stormwater	Pre-treatment pond and infiltration	279855	15	\$807,200
287	Afton - Stormwater	Stream bank stabilization and infiltration	280220	15	\$400,000
288	Tower - Hoo-Doo Point	Unsewered, connect to WWTP	272639	15	\$627,300
289	Hibbing - Stormwater	Replace conveyance system, add pond.	280051	15	\$4,092,000
290	Rice - Stormwater	Core residential area	279793	15	\$446,000
291	Madison Lake - Stormwater	SW Treatment	280050	15	\$0
292	Gem Lake - Stormwater	South Scheuneman Road improvements	279759	15	\$140,000
293	Crane Lake - Eastern Service Area	Unsewered, extend collection system	272618	15	\$3,860,000
294	Bigfork	Rehab and expand ponds	279438	14	\$1,551,000
295	Hackensack - Stormwater	East side of Hwy 371	279760	13	\$155,000
296	Shoreview - Stormwater	Woodbridge Street road recon	279721	12	\$1,440,400
297	Shafer	Expand WWTF, advanced treatment	279471	11	\$1,865,600
298	Waseca - Stormwater	Pipe/channel diversion to natural wetland	279703	11	\$500,000
299	Forest Lake - Stormwater	Construct filtration BMPs	279708	11	\$209,181
300	Wadena - Stormwater	Stormwater infiltration	279827	11	\$1,166,000
301	Hector - Stormwater	Sediment ponds	279786	11	\$2,072,200
302	Atwater - Stormwater	Replace conveyance system, add infiltration	279860	11	\$1,136,000
303	Rice Creek WD - Stormwater	Locke Lake sediment basin	279730	11	\$750,000
304	Brooklyn Center - Stormwater	Construct CDS treatment for TSS	279720	10	\$1,800,000
305	Lansing Twp 2	Expand treatment WWTF	279600	9	\$0
306	Emily	Unsewered, connect to WWTF	279882	8	\$1,980,000
307	Annandale - Stormwater	Replace conveyance system, add infiltration	279851	8	\$1,087,000
308	Palisade	Rehab collection, expand treatment	279467	8	\$830,000
309	Cotton Twp	Unsewered, collection and treatment	279441	5	\$649,639
310	Inver Grove Heights - Stormwater	Orchard trail infiltration and pond improvements	280239	3	\$314,700
311	Racine	Rehab/expand existing system	272608	1	\$520,000
312	Crooked Lake Twp	Unsewered area	280196	1	\$0
313	Cass County - Sugar Point	Unsewered, potential LSTS	280178	1	\$2,000,000

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Appendix 3: 2014 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
314	Silver Creek Twp - Castle Danger 2	Unsewered, connect to WWTF	279408	1	\$3,600,000
315	Ottertail	Unsewered	272311	1	\$3,760,000
316	Pelican Group of Lakes Improvement Distr	Unsewered, collection and treatment	272581	1	\$16,949,850
317	Randolph	Unsewered, collection and treatment	272584	1	\$3,715,600
318	Rutledge	Unsewered, collection and treatment	272569	1	\$1,292,000
319	St. Stephen	Unsewered, collection and treatment	272552	1	\$9,518,000
320	Ham Lake - Stormwater	Hiawatha Beach/Comfort Resort Area	279820	1	\$462,000
321	Tower - West T.H. 169	Unsewered, connect to WWTF	279409	1	\$787,000
322	Bruno	Unsewered, pressure sewer/sand filter	279440	1	\$2,682,000
323	Jenkins	Unsewered area	279458	1	\$0
324	Kingston	Unsewered, replace SSTS	279532	1	\$0
325	Lake Twp - Lakewood MPH	Unsewered, collection and treatment	279598	1	\$1,958,495
326	Lake Twp - Warroad Estates/Northern Ligh	Unsewered, collection and treatment	279604	1	\$3,775,579
327	Marine on St. Croix	Rehab collection system	279686	1	\$0
328	Nielsville	Rehab collection system and pond	279416	1	\$0
329	St. Francis	New eastside WWTF, rehab westside WWTF	279525	1	\$10,500,000
330	Westbrook	Rehab/expand existing system	272529	1	\$0
330	Total Projects				\$1,281,691,081

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

Community	Population (2010 U.S. Census)
Andover	30,371
Anoka	17,357
Apple Valley	49,020
Arden Hills	9,529
Bayport	3,465
Birchwood	870
Blaine	56,261
Bloomington	82,962
Brooklyn Center	29,949
Brooklyn Park	74,743
Burnsville	60,699
Carver	3,519
Centerville	3,762
Champlin	22,937
Chanhassen	23,000
Chaska	23,429
Circle Pines	4,921
Columbia Heights	19,532
Columbus Township	3,957
Coon Rapids	61,876
Cottage Grove	34,394
Crystal	22,154
Dayton	

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

Community	Population (2010 U.S. Census)
	4,622
Deephaven	3,658
Eagan	64,535
Eden Prairie	60,024
Edina	47,790
Elko New Market	3,845
Empire Township	2,444
Excelsior	2,254
Falcon Heights	5,307
Farmington	20,305
Forest Lake	18,077
Fridley	27,394
Gem Lake	295
Golden Valley	20,314
Greenfield	2,710
Greenwood	638
Hastings	21,899
Hilltop	660
Hopkins	17,531
Hugo	12,685
Independence	3,472
Inver Grove Heights	33,638
Lake Elmo	7,997

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

Community	Population (2010 U.S. Census)
Laketown TWP	2,304
Lakeville	54,951
Landfall	810
Lauderdale	2,494
Lexington	2,147
Lilydale	818
Lino Lakes	19,996
Little Canada	9,722
Long Lake	1,951
Mahtomedi	7,718
Maple Grove	60,241
Maple Plain	1,732
Maplewood	37,572
Medicine Lake	497
Medina	4,794
Mendota	160
Mendota Heights	11,191
Minneapolis	381,833
Minnetonka	49,766
Minnetonka Beach	713
Minnetrista	6,157
Mound	9,069
Mounds View	12,162

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

Community	Population (2010 U.S. Census)
New Brighton	21,444
New Hope	20,358
Newport	3,487
North Oaks	4,389
North St Paul	11,450
Oak Park Heights	4,317
Oakdale	27,473
Orono	7,428
Osseo	2,495
Plymouth	69,963
Prior Lake	22,570
Ramsey	23,267
Richfield	35,053
Robbinsdale	13,947
Rosemount	21,240
Roseville	33,497
Savage	26,897
Shakopee	36,110
Shoreview	25,023
Shorewood	7,307
South St Paul	20,283
Spring Lake Park	6,318
Spring Park	1,538

Appendix 4:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

Community	Population (2010 U.S. Census)
St Anthony	8,226
St Bonifacius	2,176
St Louis Park	45,043
St Paul	283,991
St Paul Park	5,283
Stillwater	18,058
Tonka Bay	1,378
Vadnais Heights	12,313
Victoria	7,143
Waconia	10,429
Wayzata	3,717
West St Paul	19,661
White Bear Lake	23,797
White Bear TWP	10,910
Willernie	630
Woodbury	60,737
Woodland	420

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.

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,

Appendix 5:

Survey Responses and Methodological Considerations

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: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Ada			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
37% 13.0	20% 7.0	43% 15.1	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Adams			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 3.6	30% 1.8	10% 0.6	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Adrian			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 6.6	15% 1.7	25% 2.8	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Aitkin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
36% 5.4	16% 2.4	48% 7.2	49
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Akeley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 7.0	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Albany			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
48% 6.2	20% 2.6	32% 4.2	29
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Albert Lea			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
88% 95.0	0% 0.0	12% 13.0	31
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Albertville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 1.7	10% 3.4	85% 28.9	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Alden			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	86% 6.0	14% 1.0	29
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Alexandria Lakes Area Sanitary District			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 33.5	39% 87.0	46% 102.6	36
Percentage / Miles	Percentage / Miles	Percentage / Miles	

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Alpha			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Altura			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 3.2	0% 0.0	20% 0.8	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Alvarado			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Amboy			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	14% 0.4	86% 2.6	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Andover			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	5% 4.7	95% 89.3	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Annandale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
68% 22.1	5% 1.6	27% 8.8	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Anoka			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
37% 24.3	30% 19.7	33% 21.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Apple Valley			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	25% 48.8	75% 146.3	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Appleton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 3.0	30% 1.8	20% 1.2	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Arco			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Argyle			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	10% 1.2	90% 10.8	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Arlington			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 15.2	30% 11.4	30% 11.4	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Atwater			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 1.4	45% 4.1	40% 3.6	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Audubon			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 3.0	50% 3.0	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Aurora			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 5.7	40% 7.6	30% 5.7	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Austin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
55% 65.6	30% 35.8	15% 17.9	69
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Avon			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	47% 4.7	53% 5.3	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Babbitt			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 8.8	20% 2.2	0% 0.0	57
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Backus			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Badger			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 2.0	50% 2.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Bagley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
65% 6.5	20% 2.0	15% 1.5	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Balaton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 5.1	20% 1.3	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Barnum			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 10.0	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Barrett			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
65% 2.6	0% 0.0	35% 1.4	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Battle Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	20% 1.4	80% 5.6	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Baudette			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 1.8	45% 5.4	40% 4.8	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Baxter			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Does Not Operate WWTF**
0% 0.0	0% 0.0	100% 71.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bayport			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Does Not Operate WWTF**
55% 6.9	10% 1.3	35% 4.4	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Beardsley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Beaver Bay			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 2.5	50% 2.5	33
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Beaver Creek			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 0.0	50% 0.0	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Becker			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 17.0	50% 17.0	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bejou			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	11
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Belgrade			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
33% 4.6	33% 4.6	34% 4.8	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Belle Plaine			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 5.1	25% 6.4	55% 14.1	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bellingham			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 5.0	0% 0.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Belview			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 1.8	5% 0.1	5% 0.1	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bemidji			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 22.3	25% 22.3	50% 44.5	28
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Benson			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 12.6	25% 7.0	30% 8.4	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bertha			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.0	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Bethel			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="1.0"/>	<input type="text" value="19"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Big Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="2.0"/>	<input type="text" value="50%"/> <input type="text" value="2.0"/>	<input type="text" value="51"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Big Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="41%"/> <input type="text" value="27.6"/>	<input type="text" value="59%"/> <input type="text" value="39.8"/>	<input type="text" value="14"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bigfork			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="5%"/> <input type="text" value="0.2"/>	<input type="text" value="55%"/> <input type="text" value="2.2"/>	<input type="text" value="40%"/> <input type="text" value="1.6"/>	<input type="text" value="17"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bingham Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="7.8"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Birchwood			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="10%"/> <input type="text" value="0.5"/>	<input type="text" value="90%"/> <input type="text" value="4.3"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Bird Island			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="2%"/> <input type="text" value="0.2"/>	<input type="text" value="98%"/> <input type="text" value="9.3"/>	<input type="text" value="36"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Biwabik			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="30%"/> <input type="text" value="7.5"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="70%"/> <input type="text" value="17.5"/>	<input type="text" value="24"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Blackduck			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="25%"/> <input type="text" value="2.3"/>	<input type="text" value="50%"/> <input type="text" value="4.5"/>	<input type="text" value="25%"/> <input type="text" value="2.3"/>	<input type="text" value="25"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Blaine			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="16%"/> <input type="text" value="36.2"/>	<input type="text" value="84%"/> <input type="text" value="189.8"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Blooming Prairie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
34% 6.5	34% 6.5	32% 6.1	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bloomington			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
51% 181.1	42% 149.1	7% 24.9	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Blue Earth			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 17.5	15% 3.8	15% 3.8	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bock			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 2.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Borup			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Boyd			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 2.5	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Braham			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 8.5	10% 1.0	5% 0.5	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Brainerd			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
44% 33.4	19% 14.4	37% 28.1	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Breckenridge			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 6.8	30% 5.1	30% 5.1	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Breezy Point			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 6.0	50% 6.0	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Brewster			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 3.6	10% 0.4	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Bricelyn			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 1.7	0% 0.0	15% 0.3	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Brooklyn Center			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
40% 42.4	13% 13.8	47% 49.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Brooklyn Park			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
4% 10.0	45% 112.1	51% 127.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Broton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 3.6	10% 0.4	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Browerville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
9% 0.6	55% 3.9	36% 2.5	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Browns Valley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 3.5	15% 0.8	15% 0.8	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Brownton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 5.3	5% 0.3	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Buckman			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 0.1	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	15
Buffalo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
6% 8.0	17% 22.7	77% 102.8	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Buffalo Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 9.6	20% 2.4	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Burnsville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
4% 9.8	56% 136.6	40% 97.6	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Butterfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 1.0	30% 1.2	45% 1.8	37
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Byron			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 3.0	25% 7.5	65% 19.5	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Caledonia			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 9.5	10% 1.4	20% 2.7	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Callaway			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 0.8	25% 0.5	35% 0.7	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Calumet			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
10% 0.5	30% 1.4	60% 2.9	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cambridge			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
4% 1.8	35% 16.1	61% 28.1	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Campbell			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	37
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Canby			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 2.8	15% 1.7	60% 6.6	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Cannon Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 3.8	30% 4.5	45% 6.8	11
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Canton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
92% 2.8	0% 0.0	8% 0.2	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Carlos			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 2.3	50% 2.3	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Carlton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
30% 1.3	20% 0.9	50% 2.2	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Carver			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 25.0	0
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cass Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 2.5	25% 2.5	50% 5.0	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Center City			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	80% 2.4	20% 0.6	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Centerville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	20% 3.8	80% 15.2	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Champlin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	15% 13.4	85% 75.7	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Chandler			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 1.8	20% 0.7	30% 1.1	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Chanhassen				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
2% 2.6	27% 35.3	71% 92.8		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Chaska				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
10% 10.7	35% 37.5	55% 58.9		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Chatfield				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		7
60% 10.9	16% 2.9	24% 4.4		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Chickamaw Beach				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 2.5		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Chisholm				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		60
53% 11.1	15% 3.2	32% 6.7		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Chokio				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		21
0% 0.0	0% 0.0	100% 4.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Circle Pines				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	75% 12.0	25% 4.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Clara City				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		16
45% 12.2	30% 8.1	25% 6.8		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Claremont				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		1
0% 0.0	3% 0.1	97% 3.9		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Clarissa				Age of Treatment* Facilities - yrs.
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		24
15% 0.9	40% 2.4	45% 2.7		
Percentage / Miles	Percentage / Miles	Percentage / Miles		

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Clarkfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 7.4	20% 3.7	40% 7.4	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Clarks Grove			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	70% 2.1	30% 0.9	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Clear Lake			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	51% 2.6	49% 2.5	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Clearbrook			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
67% 3.1	7% 0.3	26% 1.2	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cleveland			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
16% 1.5	50% 4.8	34% 3.3	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Climax			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 1.1	35% 0.6	5% 0.1	47
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Clinton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	25% 1.3	75% 3.8	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cloquet			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 25.2	14% 7.8	41% 23.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cohasset			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	20% 2.6	80% 10.4	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cokato			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 9.0	40% 7.2	10% 1.8	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Cold Spring			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 6.1	15% 4.5	65% 19.7	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Coleraine			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
80% 5.6	0% 0.0	20% 1.4	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cologne			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	60% 5.4	40% 3.6	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Columbia Heights			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
47% 28.6	49% 29.8	4% 2.4	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Comfrey			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 2.2	0% 0.0	80% 8.8	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Comstock			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	46
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Conger			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cook			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	1% 0.1	99% 5.9	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Coon Rapids			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	61% 145.7	39% 93.2	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cottage Grove			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	30% 38.4	70% 89.6	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Cottonwood			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
43% 3.4	16% 1.3	41% 3.3	33
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Courtland			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 13.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Cromwell			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	25% 0.8	75% 2.3	27
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Crookston			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 26.4	25% 11.0	15% 6.6	43
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Crosby			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
85% 11.2	5% 0.7	10% 1.3	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Crosslake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Currie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 1.1	0% 0.0	50% 1.1	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Dalton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	85% 1.7	15% 0.3	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Danube			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Danvers			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Darfur			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.1	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Darwin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 2.1	5% 0.1	52
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Dassel			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 2.4	30% 3.6	50% 6.0	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Dawson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
44% 5.3	30% 3.6	26% 3.1	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Deer Creek			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 4.0	20% 1.0	44
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Deer River			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 4.2	15% 1.1	25% 1.8	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Deerwood			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Does Not Operate WWTF**
40% 1.6	0% 0.0	60% 2.4	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Delano			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 1.4	50% 14.0	45% 12.6	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Dennison			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 0.6	0% 0.0	55% 0.7	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Dent			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 1.8	10% 0.2	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Detroit Lakes

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 25.5	20% 17.0	50% 42.5	17
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dilworth

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
40% 7.2	10% 1.8	50% 9.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dodge Center

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 4.0	30% 4.8	45% 7.2	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dovray

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.3	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Duluth

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
60% 225.6	19% 71.4	21% 79.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dumont

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dundas

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 11.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Dunnell

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Eagan

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
3% 9.1	47% 141.8	50% 150.9	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Eagle Bend

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
35% 1.9	10% 0.6	55% 3.0	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Eagle Lake				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	40% 12.0	60% 18.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
East Bethel				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 1.3	38	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
East Grand Forks				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
20% 13.0	60% 39.0	20% 13.0	55	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
East Gull Lake				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 6.0	22	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Easton				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
90% 1.8	0% 0.0	10% 0.2	20	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Echo				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
50% 2.5	0% 0.0	50% 2.5	18	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Eden Prairie				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	39% 104.5	61% 163.5		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Eden Valley				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
28% 2.2	46% 3.7	26% 2.1	22	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Edgerton				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
40% 26.0	40% 26.0	20% 13.0	40	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Edina				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
50% 100.0	30% 60.0	20% 40.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Effie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.5"/>	<input type="text" value="5"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Elizabeth			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="1.9"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="37"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Elk River			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="5%"/> <input type="text" value="4.0"/>	<input type="text" value="40%"/> <input type="text" value="31.6"/>	<input type="text" value="55%"/> <input type="text" value="43.5"/>	<input type="text" value="6"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Elko New Market			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="18.0"/>	<input type="text" value=""/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Elkton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="35"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ellendale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="1.5"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="33"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ellsworth			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="95%"/> <input type="text" value="3.8"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="5%"/> <input type="text" value="0.2"/>	<input type="text" value="23"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Elmore			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="0.5"/>	<input type="text" value="50%"/> <input type="text" value="0.5"/>	<input type="text" value="1"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Emily			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.5"/>	<input type="text" value="7"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Emmons			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="50%"/> <input type="text" value="1.8"/>	<input type="text" value="10%"/> <input type="text" value="0.4"/>	<input type="text" value="40%"/> <input type="text" value="1.4"/>	<input type="text" value="40"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Erskine			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 6.4	20% 1.6	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Evan			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Evansville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 2.0	13% 0.5	37% 1.5	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Eveleth			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
65% 15.0	10% 2.3	25% 5.8	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Excelsior			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 10.4	15% 2.0	5% 0.7	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Eyota			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	40% 3.9	60% 5.9	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Fairfax			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 2.5	28% 2.8	47% 4.7	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Fairmont			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
35% 26.1	29% 21.6	36% 26.9	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Faribault			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
34% 39.5	19% 22.1	47% 54.6	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Farmington			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 4.3	5% 4.3	90% 77.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Farwell/Kensington Sanitary District

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.3	11
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Federal Dam

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.0	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Felton

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 8.0	0% 0.0	44
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Fergus Falls

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
37% 33.3	18% 16.2	45% 40.5	28
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Fertile

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 2.9	19% 0.8	11% 0.5	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Fisher

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	85% 2.6	15% 0.5	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Flensburg

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
100% 2.0	0% 0.0	0% 0.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Forest Lake

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Does Not Operate WWTF**
10% 8.9	30% 26.7	60% 53.4	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Foreston

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	28
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Fosston

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 9.0	20% 2.6	10% 1.3	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Fountain			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="9.0"/>	<input type="text" value="4"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Frazee			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="2%"/> <input type="text" value="0.2"/>	<input type="text" value="10%"/> <input type="text" value="0.9"/>	<input type="text" value="88%"/> <input type="text" value="7.9"/>	<input type="text" value="25"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Freeborn			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="4.0"/>	<input type="text" value="50%"/> <input type="text" value="4.0"/>	<input type="text" value="36"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Freeport			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="10%"/> <input type="text" value="1.7"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="90%"/> <input type="text" value="15.3"/>	<input type="text" value="16"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Fridley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="10%"/> <input type="text" value="11.0"/>	<input type="text" value="70%"/> <input type="text" value="77.0"/>	<input type="text" value="20%"/> <input type="text" value="22.0"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Garfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="1%"/> <input type="text" value="0.0"/>	<input type="text" value="99%"/> <input type="text" value="2.2"/>	<input type="text" value="1"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Gaylord			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="25%"/> <input type="text" value="4.2"/>	<input type="text" value="30%"/> <input type="text" value="5.0"/>	<input type="text" value="45%"/> <input type="text" value="7.5"/>	<input type="text" value="27"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Georgetown			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="30"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ghent			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="30%"/> <input type="text" value="0.8"/>	<input type="text" value="65%"/> <input type="text" value="1.6"/>	<input type="text" value="5%"/> <input type="text" value="0.1"/>	<input type="text" value="39"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Gibbon			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="40%"/> <input type="text" value="3.2"/>	<input type="text" value="40%"/> <input type="text" value="3.2"/>	<input type="text" value="20%"/> <input type="text" value="1.6"/>	<input type="text" value="50"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Gilbert			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 7.6	40% 15.2	40% 15.2	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Gilman			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 3.6	10% 0.4	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Glencoe			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 7.2	40% 14.5	40% 14.5	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Glenville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 4.0	5% 0.2	39
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Glenwood			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 15.3	0% 0.0	15% 2.7	27
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Glyndon			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	23% 1.8	77% 6.2	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Golden Valley			Does Not Operate WWTF**
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 96.0	10% 12.0	10% 12.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Gonvick			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	99% 2.6	1% 0.0	44
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Good Thunder			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 4.8	10% 0.6	10% 0.6	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Goodhue			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 3.0	25% 1.5	25% 1.5	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Goodridge			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	28
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Goodview			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
40% 8.8	20% 4.4	40% 8.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Graceville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 3.6	20% 1.0	10% 0.5	48
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Granada			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 7.0	0% 0.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Grand Marais			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 3.2	45% 7.2	35% 5.6	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Grand Meadow			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
1% 0.1	44% 4.0	55% 5.0	43
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Grand Rapids			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 20.6	30% 20.6	40% 27.4	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Granite Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 0.9	10% 0.2	45% 0.9	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Grasston			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 1.5	10% 0.2	38
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Green Isle			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 19.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	5

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Greenbush			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
48% 2.9	25% 1.5	27% 1.6	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Greenfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.2	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Grey Eagle			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 3.6	10% 0.4	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hackensack			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	10% 0.7	90% 6.3	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hallock			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 16.2	8% 1.4	2% 0.4	33
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hamburg			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 2.8	20% 0.7	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hammond			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	6
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hancock			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	10% 1.4	90% 12.6	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hanley Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	70% 2.8	30% 1.2	39
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hanover			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Does Not Operate WWTF**
0% 0.0	0% 0.0	100% 17.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Hanska			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="3.0"/>	<input type="text" value="28"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hardwick			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="95%"/> <input type="text" value="1.4"/>	<input type="text" value="5%"/> <input type="text" value="0.1"/>	<input type="text" value="41"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Harmony			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="80%"/> <input type="text" value="4.8"/>	<input type="text" value="15%"/> <input type="text" value="0.9"/>	<input type="text" value="5%"/> <input type="text" value="0.3"/>	<input type="text" value="19"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Harris			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="3.0"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="5"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hartland			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="1.5"/>	<input type="text" value="50%"/> <input type="text" value="1.5"/>	<input type="text" value="33"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hastings			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="22%"/> <input type="text" value="19.1"/>	<input type="text" value="22%"/> <input type="text" value="19.1"/>	<input type="text" value="56%"/> <input type="text" value="48.7"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Hatfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.5"/>	<input type="text" value="3"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hawley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="10%"/> <input type="text" value="1.1"/>	<input type="text" value="20%"/> <input type="text" value="2.2"/>	<input type="text" value="70%"/> <input type="text" value="7.7"/>	<input type="text" value="12"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hayfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="4.0"/>	<input type="text" value="50%"/> <input type="text" value="4.0"/>	<input type="text" value="23"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hayward			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="85%"/> <input type="text" value="1.7"/>	<input type="text" value="15%"/> <input type="text" value="0.3"/>	<input type="text" value="40"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Hector			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 9.8	20% 2.8	10% 1.4	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Henderson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
10% 0.5	30% 1.5	60% 3.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	5
Hendricks			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 4.2	20% 1.4	20% 1.4	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hendrum			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
27% 0.8	10% 0.3	63% 1.8	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Henning			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 1.8	25% 0.9	25% 0.9	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Henriette			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 10.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Herman			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hermantown			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	10% 7.2	90% 64.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Heron Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 6.0	43
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hewitt			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Hibbing			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 81.6	15% 15.3	5% 5.1	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hill City			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 5.0	45% 4.5	5% 0.5	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hilltop			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	100% 1.0	0% 0.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hinckley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 5.4	25% 3.0	30% 3.6	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hoffman			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	20% 0.8	80% 3.2	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hokah			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 5.7	5% 0.3	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Holdingford			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	5% 0.2	95% 2.9	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Holland			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
100% 2.5	0% 0.0	0% 0.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hollandale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	31
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hopkins			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
50% 20.0	40% 16.0	10% 4.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Houston			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 0.4	10% 0.1	10% 0.1	37
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Howard Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
15% 2.3	25% 3.8	60% 9.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	21
Hoyt Lakes			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 18.4	15% 3.5	5% 1.2	56
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hugo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	10% 4.2	90% 37.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Hutchinson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
35% 32.8	35% 32.8	30% 28.1	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ihlen			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Independence			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 10.5	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Inver Grove Heights			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	35% 41.0	65% 76.1	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Iron Junction			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.0	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ironton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
98% 2.9	0% 0.0	2% 0.1	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Isanti			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	20% 6.0	80% 24.0	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ivanhoe			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 2.5	20% 1.0	30% 1.5	49
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Jackson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
43% 11.6	22% 5.9	35% 9.5	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Janesville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
13% 3.0	36% 8.3	51% 11.7	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Jasper			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 3.8	5% 0.2	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Jeffers			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 0.3	75% 3.8	20% 1.0	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Jordan			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
2% 0.6	7% 1.9	91% 25.3	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kandiyo			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 3.0	0% 0.0	25% 1.0	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Karlstad			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	37
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kasson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 8.7	35% 10.2	35% 10.2	11
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Keewatin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 3.2	30% 1.9	20% 1.3	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kelliher			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
61% 2.4	36% 1.4	3% 0.1	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kellogg			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kennedy			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 2.0	50% 2.0	0% 0.0	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kenneth			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kenyon			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
35% 3.0	20% 1.7	45% 3.8	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kerkhoven			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 8.0	20% 2.0	46
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kettle River			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 0.1	0% 0.0	95% 1.9	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kiester			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 7.0	0% 0.0	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Kilkenny			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Kimball			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 0.6	14% 0.8	76% 4.3	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
La Crescent			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
29% 7.6	40% 10.5	31% 8.1	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	17
Lafayette			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Benton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 0.4	30% 0.6	50% 1.0	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Bronson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake City			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 13.6	20% 6.8	40% 13.6	4
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Crystal			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 12.0	20% 6.0	40% 12.0	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Elmo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 2.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Henry			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 0.3	0% 0.0	70% 0.7	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lake Park			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
48% 2.9	10% 0.6	42% 2.5	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

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Lake Shore			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.2	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lakefield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 9.0	30% 4.5	10% 1.5	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Laketown Township			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.5	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lakeville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	10% 25.6	90% 230.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lamberton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
17% 1.2	13% 0.9	70% 5.0	53
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lancaster			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
14% 0.4	79% 2.4	7% 0.2	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Landfall			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lanesboro			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 5.4	0% 0.0	10% 0.6	74
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lauderdale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
10% 0.6	0% 0.0	90% 5.4	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Le Center			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 7.5	0% 0.0	50% 7.5	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Le Roy			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 4.6	11% 1.0	39% 3.5	47
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Le Sueur			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
55% 16.5	25% 7.5	20% 6.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	4
Lester Prairie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
48% 4.8	26% 2.6	26% 2.6	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lewiston			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 4.0	20% 2.0	40% 4.0	12
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lewisville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 1.2	40% 0.8	0% 0.0	4
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lilydale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	20% 0.2	80% 0.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lindstrom			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
45% 15.8	50% 17.5	5% 1.8	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lino Lakes			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	15% 9.7	85% 54.9	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lismore			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Little Canada			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	75% 24.8	25% 8.3	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Little Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 16.4	28% 18.4	47% 30.9	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Littlefork			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
22% 1.3	50% 3.0	28% 1.7	39
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Long Lake			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 6.0	50% 6.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Long Prairie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
36% 6.1	26% 4.4	38% 6.5	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Longville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 0.6	15% 0.6	70% 2.8	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lonsdale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 15.0	10% 3.0	40% 12.0	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Loretto			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 0.8	30% 1.2	50% 2.0	43
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lowry			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Lucan			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 1.9	5% 0.1	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Luverne			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 21.4	20% 7.1	20% 7.1	58
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Lynd			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 10.0	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mabel			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 2.1	20% 0.8	30% 1.2	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Madelia			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
78% 12.5	7% 1.1	15% 2.4	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Madison			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 2.9	10% 1.1	65% 7.4	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Madison Lake			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	50% 7.5	50% 7.5	34
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Magnolia			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 1.8	10% 0.2	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mahnomen			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 0.9	20% 1.8	70% 6.3	54
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mahtomedi			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	40% 16.4	60% 24.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Maple Grove			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	10% 27.4	90% 246.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Maple Plain			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 9.4	10% 1.1	5% 0.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Mapleton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 1.1	48% 5.1	42% 4.5	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mapleview			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
100% 2.0	0% 0.0	0% 0.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Marble			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 5.4	0% 0.0	25% 1.8	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Marietta			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Marine on St Croix			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.4	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Marshall			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
19% 15.1	27% 21.5	54% 43.0	38
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mayer			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	18% 2.0	82% 9.0	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mazeppa			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 3.6	10% 0.6	30% 1.8	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
McGrath			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 8.0	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
McGregor			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 1.7	41% 1.5	14% 0.5	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

McIntosh			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="55%"/> <input type="text" value="3.0"/>	<input type="text" value="5%"/> <input type="text" value="0.3"/>	<input type="text" value="40%"/> <input type="text" value="2.2"/>	<input type="text" value="42"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Meadowlands			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="1%"/> <input type="text" value="0.0"/>	<input type="text" value="99%"/> <input type="text" value="1.0"/>	<input type="text" value="52"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Medford			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="53%"/> <input type="text" value="6.6"/>	<input type="text" value="47%"/> <input type="text" value="5.8"/>	<input type="text" value="5"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Medicine Lake			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value=""/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Melrose			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="15%"/> <input type="text" value="3.9"/>	<input type="text" value="30%"/> <input type="text" value="7.8"/>	<input type="text" value="55%"/> <input type="text" value="14.3"/>	<input type="text" value="48"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Menahga			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="19%"/> <input type="text" value="2.9"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="81%"/> <input type="text" value="12.2"/>	<input type="text" value="6"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mendota			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="4.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Mendota Heights			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="35.7"/>	<input type="text" value="50%"/> <input type="text" value="35.7"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Middle River			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="95%"/> <input type="text" value="7.6"/>	<input type="text" value="5%"/> <input type="text" value="0.4"/>	<input type="text" value="30"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Milaca			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="67%"/> <input type="text" value="7.0"/>	<input type="text" value="17%"/> <input type="text" value="1.8"/>	<input type="text" value="16%"/> <input type="text" value="1.7"/>	<input type="text" value="54"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Millerville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Milroy			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 6.0	0% 0.0	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Miltona			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 1.6	0% 0.0	60% 2.4	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Minneapolis			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
95% 733.4	4% 30.9	1% 7.7	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Minnesota Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
75% 35.1	20% 9.4	5% 2.3	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Minnetonka			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	20% 51.4	80% 205.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Minnetonka Beach			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	100% 5.0	0% 0.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Montevideo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
65% 47.5	20% 14.6	15% 11.0	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Montgomery			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
27% 6.1	30% 6.8	43% 9.7	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Monticello			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
2% 0.8	20% 8.0	78% 31.2	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Montrose			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
5% 1.1	5% 1.1	90% 20.6	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Moorhead			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
28% 52.1	27% 50.2	45% 83.7	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Moose Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 5.4	20% 1.8	20% 1.8	17
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mora			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 12.5	30% 7.5	20% 5.0	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Morgan			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 6.0	10% 0.7	5% 0.4	59
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Morris			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
12% 3.8	40% 12.8	48% 15.4	38
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Morristown			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	86% 5.2	14% 0.8	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Morton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 3.6	0% 0.0	10% 0.4	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Motley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	95% 5.7	5% 0.3	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Mound			Does Not Operate WWTF**
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	99% 64.4	1% 0.7	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Mounds View				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	91% 40.0	9% 4.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Mountain Lake				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
10% 1.8	40% 7.2	50% 9.0	57	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Murdock				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 3.0	27	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nashwauk				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
35% 2.5	10% 0.7	55% 3.9	22	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nassau				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 8.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nevis				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 6.0	13	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Auburn				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	95% 3.0	5% 0.2	5	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Brighton				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
46% 34.0	46% 34.0	8% 5.9		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Germany				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 3.7	39	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Hope				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	98% 61.7	2% 1.3		
Percentage / Miles	Percentage / Miles	Percentage / Miles		

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

New London				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
20% 1.4	10% 0.7	70% 4.9	7	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Prague				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
25% 11.8	25% 11.8	50% 23.5	3	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Richland				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
20% 1.5	60% 4.6	20% 1.5	20	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New Ulm				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
37% 30.0	22% 17.8	41% 33.2	38	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
New York Mills				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
20% 2.2	30% 3.3	50% 5.5	7	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Newfolden				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 4.0	37	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Newport				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	90% 18.0	10% 2.0		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nicollet				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
4% 0.4	35% 3.2	61% 5.5	16	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nielsville				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 1.0	6	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Nisswa				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 13.6	23	
Percentage / Miles	Percentage / Miles	Percentage / Miles		

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

North Branch

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
7% 2.7	8% 3.0	85% 32.4	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	

North Mankato

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
7% 4.7	29% 19.4	64% 42.9	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Northome

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 3.0	0% 0.0	40% 2.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Norwood Young America

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 11.1	40% 8.9	10% 2.2	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Oak Grove

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 7.0	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Oakdale

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	50% 55.3	50% 55.3	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	7

Odessa

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	39
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Ogema

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 5.0	0% 0.0	46
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Ogilvie

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
95% 2.6	0% 0.0	5% 0.1	44
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Okabena

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	75% 3.0	25% 1.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Oklee			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 7.0	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Olivia			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
23% 5.5	30% 7.2	47% 11.3	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Onamia			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 3.8	0% 0.0	15% 0.7	27
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Orono			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	35% 16.8	65% 31.2	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Orr			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 1.5	0% 0.0	50% 1.5	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Osakis			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
9% 1.1	6% 0.7	85% 10.2	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ostrander			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
100% 4.0	0% 0.0	0% 0.0	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Otsego			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 68.5	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Owatonna			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 100.0	30% 60.0	20% 40.0	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Palisade			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 7.0	4
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Park Rapids			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 9.3	10% 3.1	60% 18.6	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Parkers Prairie			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 5.0	23% 2.3	27% 2.7	27
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Paynesville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 1.9	40% 7.4	50% 9.3	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Pease			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	14
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Pelican Rapids			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 3.5	25% 3.5	50% 7.0	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Pequot Lakes			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u> Age of Treatment* Facilities - yrs.
0% 0.0	75% 5.4	25% 1.8	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Perham			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 6.8	9% 2.4	66% 17.8	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Perley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 1.4	0% 0.0	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Peterson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Pillager			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 6.0	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Pine Island			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
35% 8.4	30% 7.2	35% 8.4	20
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Pipestone			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
21% 7.5	28% 9.9	51% 18.1	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Plainview			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 8.0	20% 3.2	30% 4.8	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Plummer			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 2.7	10% 0.3	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Plymouth			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	35% 112.7	65% 209.3	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Porter			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 3.5	0% 0.0	33
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Preston			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 1.8	15% 1.8	70% 8.4	27
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Princeton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
77% 18.5	14% 3.4	9% 2.2	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Prinsburg			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.5	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Prior Lake			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
4% 4.8	26% 31.2	70% 84.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Racine			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 2.7	10% 0.3	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ramsey			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	0% 0.0	100% 63.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Randall			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 4.0	20% 1.0	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Raymond			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	70% 5.6	30% 2.4	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Red Lake Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 3.3	40% 4.4	30% 3.3	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Red Wing			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
55% 71.5	15% 19.5	30% 39.0	29
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Redwood Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 19.3	25% 9.6	25% 9.6	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Remer			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 5.0	6
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Renville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 5.4	40% 7.2	30% 5.4	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Revere			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Rice			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="5.0"/>	<input type="text" value="26"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Richfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="99%"/> <input type="text" value="118.8"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="1%"/> <input type="text" value="1.2"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Richmond			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="10%"/> <input type="text" value="0.9"/>	<input type="text" value="20%"/> <input type="text" value="1.8"/>	<input type="text" value="70%"/> <input type="text" value="6.3"/>	<input type="text" value="3"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Robbinsdale			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="73%"/> <input type="text" value="31.4"/>	<input type="text" value="9%"/> <input type="text" value="3.9"/>	<input type="text" value="18%"/> <input type="text" value="7.7"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Rochester			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="24%"/> <input type="text" value="113.5"/>	<input type="text" value="21%"/> <input type="text" value="99.3"/>	<input type="text" value="55%"/> <input type="text" value="260.1"/>	<input type="text" value="6"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rockford			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="40%"/> <input type="text" value="8.0"/>	<input type="text" value="60%"/> <input type="text" value="12.0"/>	<input type="text" value="14"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rockville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="27.0"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text" value=""/>
Rogers			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="3%"/> <input type="text" value="1.7"/>	<input type="text" value="8%"/> <input type="text" value="4.6"/>	<input type="text" value="89%"/> <input type="text" value="50.7"/>	<input type="text" value="18"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rollingstone			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="50%"/> <input type="text" value="1.8"/>	<input type="text" value="50%"/> <input type="text" value="1.8"/>	<input type="text" value="8"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Roscoe			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="8"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Rose Creek			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 1.4	20% 0.5	30% 0.8	40
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Roseau			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	4% 0.7	96% 17.3	17
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rosemount			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
6% 5.2	16% 13.8	78% 67.1	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Roseville			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 108.8	20% 29.0	5% 7.3	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rothsay			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 2.0	20% 0.8	30% 1.2	25
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Royalton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 4.9	10% 0.5	4
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rush City			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
65% 9.8	15% 2.3	20% 3.0	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rushford Village			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
	0.0	100% 2.9	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Rushmore			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	75% 3.8	25% 1.3	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Russell			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	35% 1.1	65% 2.0	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Ruthton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.2	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sabin			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 0.8	30% 1.2	50% 2.0	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sacred Heart			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
98% 4.9	0% 0.0	2% 0.1	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sanborn			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 6.3	10% 0.7	0% 0.0	45
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sandstone			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
30% 3.6	20% 2.4	50% 6.0	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sargeant			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sartell			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
5% 4.1	17% 13.9	78% 63.6	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sauk Centre			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 33.0	30% 16.5	10% 5.5	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Sauk Rapids			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
47% 31.5	15% 10.1	38% 25.5	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Savage			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
1% 1.3	15% 18.8	84% 105.0	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Scanlon				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
76% 3.8	0% 0.0	24% 1.2		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Seaforth				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	0% 0.0	100% 2.1	3	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Sebeka				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
10% 0.6	15% 0.9	75% 4.5	37	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Shafer				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	25% 1.5	75% 4.6	10	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Shelly				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	95% 1.9	5% 0.1	4	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Shoreview				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	55% 68.2	45% 55.8		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Shorewood				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	85% 55.3	15% 9.8		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Silver Bay				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
100% 9.0	0% 0.0	0% 0.0	19	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Slayton				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
85% 17.0	10% 2.0	5% 1.0	56	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Sleepy Eye				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
20% 5.0	50% 12.5	30% 7.5	26	
Percentage / Miles	Percentage / Miles	Percentage / Miles		

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Sobieski			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	75% 1.5	25% 0.5	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	
South Haven			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
South St Paul			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 30.8	51% 39.3	9% 6.9	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Spicer			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 1.7	10% 1.7	80% 13.6	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Spring Grove			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 8.0	30% 4.8	20% 3.2	15
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Spring Lake Park			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 20.8	20% 5.2	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Spring Park			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	90% 4.5	10% 0.5	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Spring Valley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
48% 12.0	25% 6.3	27% 6.8	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Springfield			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 6.0	24% 2.9	26% 3.1	24
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Bonifacius			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	20% 2.0	80% 8.0	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

St Cloud			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
50% 144.0	25% 72.0	25% 72.0	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Francis - East & West Facilities			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	5% 1.6	95% 30.5	10
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Hilaire			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	60% 1.2	40% 0.8	3
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St James			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
72% 20.9	13% 3.8	15% 4.4	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Joseph			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
10% 2.8	10% 2.8	80% 22.4	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Leo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 2.0	0% 0.0	38
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Louis Park			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
89% 142.4	10% 16.0	1% 1.6	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Michael			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
4% 3.3	5% 4.1	91% 74.6	8
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Paul			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
72% 581.8	18% 145.4	10% 80.8	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
St Paul Park			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 14.7	25% 5.3	5% 1.1	
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

St Peter

Sewers over 50
years old
27% **15.4**
Percentage / Miles

Sewers 30 to
50 years old
30% **17.1**
Percentage / Miles

Sewers less than 30
years old
43% **24.5**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
9

Stacy

Sewers over 50
years old
0% **0.0**
Percentage / Miles

Sewers 30 to
50 years old
50% **3.0**
Percentage / Miles

Sewers less than 30
years old
50% **3.0**
Percentage / Miles

Does Not Operate WWTF**

Age of Treatment*
Facilities - yrs.

Staples

Sewers over 50
years old
45% **9.9**
Percentage / Miles

Sewers 30 to
50 years old
30% **6.6**
Percentage / Miles

Sewers less than 30
years old
25% **5.5**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
21

Starbuck

Sewers over 50
years old
52% **5.3**
Percentage / Miles

Sewers 30 to
50 years old
7% **0.7**
Percentage / Miles

Sewers less than 30
years old
41% **4.2**
Percentage / Miles

Does Not Operate WWTF**

Age of Treatment*
Facilities - yrs.
44

Steen

Sewers over 50
years old
0% **0.0**
Percentage / Miles

Sewers 30 to
50 years old
0% **0.0**
Percentage / Miles

Sewers less than 30
years old
100% **2.0**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
28

Stephen

Sewers over 50
years old
50% **6.5**
Percentage / Miles

Sewers 30 to
50 years old
40% **5.2**
Percentage / Miles

Sewers less than 30
years old
10% **1.3**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
40

Stewartville

Sewers over 50
years old
35% **9.8**
Percentage / Miles

Sewers 30 to
50 years old
20% **5.6**
Percentage / Miles

Sewers less than 30
years old
45% **12.6**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
25

Stockton

Sewers over 50
years old
0% **0.0**
Percentage / Miles

Sewers 30 to
50 years old
90% **2.7**
Percentage / Miles

Sewers less than 30
years old
10% **0.3**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
37

Storden

Sewers over 50
years old
 0.0
Percentage / Miles

Sewers 30 to
50 years old
0% **0.0**
Percentage / Miles

Sewers less than 30
years old
100% **2.0**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
5

Sunburg

Sewers over 50
years old
0% **0.0**
Percentage / Miles

Sewers 30 to
50 years old
0% **0.0**
Percentage / Miles

Sewers less than 30
years old
100% **2.0**
Percentage / Miles

Age of Treatment*
Facilities - yrs.
13

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Swanville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="90%"/> <input type="text" value="3.6"/>	<input type="text" value="10%"/> <input type="text" value="0.4"/>	<input type="text" value="38"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Tamarack			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="3.0"/>	<input type="text" value="9"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Taunton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="36"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Taylor's Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="20%"/> <input type="text" value="2.4"/>	<input type="text" value="80%"/> <input type="text" value="9.6"/>	<input type="text" value="24"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Thief River Falls			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="60%"/> <input type="text" value="25.8"/>	<input type="text" value="15%"/> <input type="text" value="6.5"/>	<input type="text" value="25%"/> <input type="text" value="10.8"/>	<input type="text" value="36"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Thomson			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="75%"/> <input type="text" value="1.1"/>	<input type="text" value="25%"/> <input type="text" value="0.4"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text"/>
Tonka Bay			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="80%"/> <input type="text" value="8.0"/>	<input type="text" value="20%"/> <input type="text" value="2.0"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text"/>
Tower			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
<input type="text" value="5%"/> <input type="text" value="0.2"/>	<input type="text" value="10%"/> <input type="text" value="0.5"/>	<input type="text" value="85%"/> <input type="text" value="3.8"/>	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	<input type="text"/>
Tracy			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="25%"/> <input type="text" value="6.3"/>	<input type="text" value="50%"/> <input type="text" value="12.5"/>	<input type="text" value="25%"/> <input type="text" value="6.3"/>	<input type="text" value="45"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Trimont			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="8.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="6"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Truman			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 3.2	45% 3.6	15% 1.2	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Twin Valley			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
15% 1.1	10% 0.7	75% 5.5	16
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Two Harbors			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
80% 16.0	10% 2.0	10% 2.0	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Tyler			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 2.0	20% 2.0	60% 6.0	55
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Ulen			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 4.0	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Underwood			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	85% 5.1	15% 0.9	2
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Upsala			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 4.5	15% 0.9	10% 0.6	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Utica			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	85% 2.6	15% 0.5	36
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Vadnais Heights			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	30% 16.2	70% 37.8	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Vergas			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	80% 3.0	20% 0.8	18
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Verndale

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	32% 1.3	68% 2.7	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Vernon Center

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
85% 2.2	10% 0.3	5% 0.1	41
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Vesta

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 2.0	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Victoria

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	<u>Does Not Operate WWTF**</u>
0% 0.0	15% 6.3	85% 35.7	Age of Treatment* Facilities - yrs.
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Viking

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.5	6
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Virginia

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 43.8	20% 14.6	20% 14.6	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Wabasha

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
20% 5.2	20% 5.2	60% 15.6	9
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Wabasso

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 3.4	20% 0.9	5% 0.2	48
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Wadena

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
45% 12.6	20% 5.6	35% 9.8	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	

Wahkon

Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 4.0	0% 0.0	35
Percentage / Miles	Percentage / Miles	Percentage / Miles	

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Waldorf			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
90% 1.8	10% 0.2	0% 0.0	60
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Walker			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
55% 6.0	40% 4.4	5% 0.5	17
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Walnut Grove			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
52% 3.8	0% 0.0	48% 3.5	47
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Walters			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	5
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wanamingo			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 2.6	10% 0.6	50% 3.2	32
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wanda			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 1.0	13
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Warren			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
40% 6.4	40% 6.4	20% 3.2	11
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Warroad			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
11% 2.9	34% 9.0	55% 14.6	21
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Waseca			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 11.3	50% 22.5	25% 11.3	1
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Watertown			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 6.3	0% 0.0	75% 18.8	19
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Waterville			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
55% 16.6	25% 7.6	20% 6.0	22
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Watkins			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 3.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Watson			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 14.0	0
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Waubun			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 10.0	0% 0.0	30
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Waverly			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
25% 3.3	0% 0.0	75% 9.8	6
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wayzata			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
70% 20.1	20% 5.7	10% 2.9	
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Welcome			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	100% 7.0	0% 0.0	42
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wells			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
60% 19.2	30% 9.6	10% 3.2	23
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wendell			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
0% 0.0	0% 0.0	100% 20.0	26
Percentage / Miles	Percentage / Miles	Percentage / Miles	
West Concord			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
75% 5.3	10% 0.7	15% 1.1	7
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

West St Paul				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
30% 18.6	54% 33.5	16% 9.9		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Westbrook				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
95% 5.7	0% 0.0	5% 0.3	51	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Wheaton				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
5% 0.6	20% 2.2	75% 8.3	22	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
White Bear Lake				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
50% 42.5	33% 28.1	17% 14.5		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Williams				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
10% 0.3	0% 0.0	90% 2.7	13	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Willmar				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
32% 36.8	27% 31.1	41% 47.2	3	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Wilmont				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	94% 2.8	6% 0.2	54	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Windom				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
7% 2.8	30% 12.0	63% 25.2	18	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Winger				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
0% 0.0	50% 1.0	50% 1.0	38	
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Winnebago				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.	
55% 14.9	10% 2.7	35% 9.5	1	
Percentage / Miles	Percentage / Miles	Percentage / Miles		

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Winona			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="60%"/> <input type="text" value="72.0"/>	<input type="text" value="20%"/> <input type="text" value="24.0"/>	<input type="text" value="20%"/> <input type="text" value="24.0"/>	<input type="text" value="14"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Winsted			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="75%"/> <input type="text" value="16.5"/>	<input type="text" value="25%"/> <input type="text" value="5.5"/>	<input type="text" value="28"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Winton			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="80%"/> <input type="text" value="1.6"/>	<input type="text" value="10%"/> <input type="text" value="0.2"/>	<input type="text" value="10%"/> <input type="text" value="0.2"/>	<input type="text" value="27"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wolf Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value=""/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="1.6"/>	<input type="text" value="4"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wolverton			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="20%"/> <input type="text" value="0.2"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="80%"/> <input type="text" value="0.8"/>	<input type="text" value=""/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wood Lake			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="2.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="42"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Woodbury			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="21%"/> <input type="text" value="50.6"/>	<input type="text" value="79%"/> <input type="text" value="190.4"/>	<input type="text" value=""/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Woodland			<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="100%"/> <input type="text" value="1.0"/>	<input type="text" value=""/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Worthington			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="50%"/> <input type="text" value="31.5"/>	<input type="text" value="30%"/> <input type="text" value="18.9"/>	<input type="text" value="20%"/> <input type="text" value="12.6"/>	<input type="text" value="21"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	
Wykoff			
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old	Age of Treatment* Facilities - yrs.
<input type="text" value="0%"/> <input type="text" value="0.0"/>	<input type="text" value="90%"/> <input type="text" value="2.7"/>	<input type="text" value="10%"/> <input type="text" value="0.3"/>	<input type="text" value="50"/>
Percentage / Miles	Percentage / Miles	Percentage / Miles	

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Appendix 6: 2013 Wastewater Infrastructure Needs Survey (WINS)

Age of Infrastructure of Individual Communities

Alphabetical by Name of Community

Wyoming				<u>Does Not Operate WWTF**</u>
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		Age of Treatment* Facilities - yrs.
0% 0.0	60% 14.4	40% 9.6		
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Zimmerman				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		Age of Treatment* Facilities - yrs.
0% 0.0	40% 12.9	60% 19.3		10
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Zumbro Falls				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		Age of Treatment* Facilities - yrs.
80% 2.0	0% 0.0	20% 0.5		25
Percentage / Miles	Percentage / Miles	Percentage / Miles		
Zumbrota				
Sewers over 50 years old	Sewers 30 to 50 years old	Sewers less than 30 years old		Age of Treatment* Facilities - yrs.
30% 6.5	30% 6.5	40% 8.6		29
Percentage / Miles	Percentage / Miles	Percentage / Miles		

* In answering the WINS question "What is the Age of your Treatment Facility in years?" communities are instructed to use the original construction date or the date of the most recent permitted wastewater treatment expansion (whichever is more recent) as the "birth-date" for the age of your facility.

** Community discharges wastewater to another community, Sanitary District, MCES, etc., for treatment.

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Ada	1,666	\$16.64
Adams	800	\$26.00
Adrian	1,158	\$19.50
Aitkin	2,636	\$27.59
Akeley	378	\$2.10
Albany	2,501	\$16.25
Albert Lea	18,046	\$28.34
Albertville	6,790	\$16.71
Alden	665	\$20.00
Altura	451	\$21.67
Alvarado	348	\$2.38
Amboy	577	\$36.00
Andover	30,371	\$19.79
Annandale	3,238	\$24.00
Anoka	17,357	\$20.31
Apple Valley	49,020	\$18.48
Appleton	2,017	\$39.27
Argyle	497	\$23.50
Arlington	2,569	\$43.30
Ashby	472	\$45.50

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Askov	417	\$23.50
Atwater	1,012	\$41.83
Audubon	561	\$29.00
Aurora	1,682	\$39.01
Austin	24,559	\$21.16
Avon	1,264	\$31.95
Babbitt	1,300	\$35.50
Backus	380	\$37.00
Badger	388	\$18.00
Bagley	1,416	\$36.50
Balaton	676	\$23.71
Barnesville	2,524	\$46.00
Barnum	627	\$38.75
Barrett	345	\$18.90
Battle Lake	813	\$41.60
Baudette	1,237	\$27.75
Baxter	7,471	\$28.62
Bayport	3,465	\$23.77
Beardsley	253	\$15.00
Beaver Bay	110	\$34.11

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Beaver Creek	238	\$2.25
Becker	4,436	\$27.08
Bejou	107	\$13.00
Belgrade	793	\$28.25
Belle Plaine	6,501	\$34.59
Bellingham	229	\$23.50
Belview	400	\$26.00
Bemidji	13,354	\$36.39
Benson	3,165	\$34.30
Bertha	552	\$63.00
Bethel	470	\$35.00
Big Falls	199	\$42.00
Big Lake	9,867	\$25.00
Bigelow	217	\$62.50
Bigfork	473	\$37.70
Bingham Lake	155	\$35.72
Birchwood	870	\$25.83
Bird Island	966	\$35.30
Biwabik	1,150	\$19.56
Blackduck	783	\$29.75

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Blaine	56,261	\$14.90
Blomkest/Svea Sewer Board	177	\$82.75
Blooming Prairie	1,919	\$35.00
Bloomington	82,962	\$14.40
Blue Earth	3,368	\$39.45
Bluffton	161	\$15.00
Bock	82	\$50.00
Boyd	209	\$40.00
Braham	1,754	\$43.08
Brainerd	13,715	\$30.83
Brandon	440	\$41.25
Breckenridge	3,401	\$23.50
Breezy Point	1,955	\$22.33
Brewster	532	\$16.50
Bricelyn	325	\$34.08
Brooklyn Center	29,949	\$23.49
Brooklyn Park	74,743	\$14.70
Brooten	753	\$12.75
Browerville	715	\$30.38
Browns Valley	580	\$29.30

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Brownsdale	696	\$20.00
Brownsville	638	\$36.00
Brownton	709	\$41.58
Buckman	213	\$36.00
Buffalo	15,127	\$30.28
Buffalo Lake	786	\$10.00
Burnsville	60,699	\$19.20
Butterfield	514	\$26.50
Byron	4,799	\$45.71
Caledonia	2,880	\$31.25
Callaway	231	\$19.00
Calumet	367	\$35.00
Cambridge	8,009	\$38.72
Campbell	213	\$8.00
Canby	1,924	\$22.48
Cannon Falls	4,073	\$40.63
Carlton	833	\$48.60
Carver	3,519	\$28.10
Cass Lake	676	\$32.12
Cedar Mills	70	\$6.17

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Center City	581	\$27.00
Centerville	3,762	\$21.83
Ceylon	361	\$28.95
Champlin	22,937	\$24.15
Chandler	237	\$40.00
Chanhassen	23,000	\$18.91
Chaska	23,429	\$16.80
Chatfield	1,679	\$62.61
Chisago City	4,919	\$18.22
Chisholm	4,962	\$35.06
Circle Pines	4,921	\$28.25
Clara City	1,198	\$46.00
Claremont	596	\$32.75
Clarissa	765	\$44.42
Clarkfield	702	\$28.90
Clarks Grove	603	\$15.00
Clear Lake	546	\$116.25
Clearbrook	600	\$22.00
Clements	156	\$22.50
Cleveland	672	\$25.75

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Climax	256	\$28.00
Clinton	426	\$37.50
Cloquet	12,076	\$24.10
Cobden	24	\$33.70
Cohasset	2,675	\$44.50
Cokato	2,749	\$47.80
Cold Spring	3,960	\$35.50
Coleraine	1,917	\$25.00
Cologne	1,489	\$42.80
Columbia Heights	19,532	\$17.44
Comfrey	471	\$25.83
Comstock	139	\$48.67
Conger	148	\$3.92
Cook	780	\$54.25
Coon Rapids	61,876	\$25.00
Correll	41	\$1.67
Cosmos	550	\$23.00
Cottage Grove	34,394	\$16.65
Cottonwood	992	\$42.00
Courtland	608	\$36.75

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Cromwell	138	\$31.25
Crookston	7,887	\$11.25
Crosby	2,186	\$36.83
Crosslake	1,979	\$36.00
Crystal	22,154	\$15.40
Cyrus	380	\$13.17
Dalton	312	\$25.00
Danube	413	\$4.31
Danvers	133	\$18.75
Darfur	67	\$38.00
Darwin	424	\$39.50
Dassel	1,488	\$45.40
Dawson	1,424	\$24.58
Dayton	4,622	\$20.15
Deephaven	3,658	\$25.00
Deer Creek	257	\$30.00
Deer River	1,032	\$25.00
Deerwood	404	\$38.60
Delano	5,401	\$72.35
Dennison	137	\$1.94

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Dent	199	\$25.00
Detroit Lakes	8,507	\$30.75
Dilworth	3,925	\$33.58
Dodge Center	2,640	\$35.62
Donnelly	272	\$13.00
Doran	24	\$40.00
Dover	744	\$20.00
Dovray	58	\$50.00
Duluth	86,177	\$42.69
Dumont	65	\$30.00
Dundas	1,337	\$68.25
Eagan	64,535	\$15.52
Eagle Bend	497	\$33.00
Eagle Lake	2,384	\$40.92
East Bethel	11,621	\$16.41
East Grand Forks	8,458	\$24.80
East Gull Lake	1,088	\$32.00
Easton	181	\$29.33
Echo	309	\$35.45
Eden Prairie	60,024	\$13.00

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Eden Valley	534	\$27.00
Edgerton	1,277	\$11.40
Edina	47,790	\$18.07
Effie	136	\$4.58
Eitzen	243	\$29.17
Elbow Lake	1,274	\$34.00
Elgin	1,320	\$12.50
Elizabeth	199	\$10.00
Elk River	22,790	\$19.40
Elko New Market	3,845	\$38.92
Elkton	128	\$36.00
Ellendale	654	\$12.00
Ellsworth	470	\$23.25
Elmore	657	\$40.67
Ely	3,502	\$54.31
Elysian	422	\$51.50
Emily	758	\$42.44
Emmons	347	\$10.50
Erskine	494	\$21.00
Evan	31	\$40.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Eveleth	3,732	\$35.50
Excelsior	2,254	\$36.25
Eyota	2,132	\$38.75
Fairfax	1,024	\$28.00
Fairmont	10,639	\$34.92
Falcon Heights	5,307	\$19.25
Faribault	23,195	\$27.12
Farmington	20,305	\$16.00
Farwell/Kensington Sanitary District	343	\$29.00
Felton	131	\$6.00
Fergus Falls	13,258	\$27.40
Fertile	851	\$12.25
Finlayson	282	\$23.00
Fisher	437	\$35.00
Flensburg	206	\$15.00
Floodwood	519	\$25.25
Foley	2,576	\$25.50
Forest Lake	18,077	\$27.50
Foreston	643	\$35.00
Fosston	1,752	\$26.75

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Fountain	404	\$70.30
Franklin	646	\$42.75
Frazee	1,398	\$20.52
Freeborn	261	\$30.00
Freeport	606	\$22.15
Fridley	27,394	\$18.20
Frost	214	\$47.50
Fulda	1,519	\$17.25
Garfield	253	\$31.00
Garrison	175	\$56.00
Gary	145	\$47.25
Gaylord	2,219	\$23.33
Geneva	563	\$5.00
Georgetown	254	\$12.00
Ghent	390	\$21.00
Gibbon	749	\$15.50
Gilbert	1,881	\$33.58
Gilman	250	\$15.00
Glencoe	5,654	\$39.75
Glenville	660	\$13.33

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Glenwood	2,570	\$32.50
Glyndon	1,402	\$30.00
Golden Valley	20,314	\$18.90
Gonvick	342	\$23.00
Good Thunder	549	\$36.06
Goodridge	182	\$14.00
Goodview	4,003	\$22.08
Graceville	556	\$28.50
Granada	305	\$10.00
Grand Marais	1,136	\$57.50
Grand Meadow	985	\$25.50
Grand Rapids	10,833	\$18.90
Green Isle	303	\$50.35
Greenfield	2,710	\$50.75
Greenwood	638	\$23.33
Grey Eagle	435	\$28.50
Grove City	618	\$49.75
Grygla	233	\$16.00
Hackensack	386	\$24.00
Hallock	962	\$8.17

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Halstad	652	\$34.83
Hamburg	610	\$40.00
Hammond	154	\$50.50
Hampton	802	\$16.00
Hancock	794	\$38.00
Hanley Falls	275	\$47.75
Hanover	2,171	\$27.35
Hanska	388	\$13.05
Hardwick	157	\$13.33
Harmony	1,076	\$54.25
Harris	965	\$67.19
Hartland	281	\$28.33
Hastings	21,899	\$15.75
Hatfield	44	\$30.00
Hawley	1,936	\$29.75
Hayfield	1,222	\$19.00
Hayward	166	\$30.50
Hector	1,149	\$39.60
Henderson	814	\$76.10
Hendricks	689	\$48.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Hendrum	230	\$20.00
Henning	834	\$31.00
Henriette	38	\$33.50
Herman	516	\$32.33
Hermantown	9,267	\$41.50
Heron Lake	622	\$25.00
Hewitt	260	\$30.35
Hibbing	16,395	\$30.00
Hill City	503	\$42.80
Hills	704	\$15.00
Hilltop	660	\$10.23
Hinckley	1,888	\$34.30
Hitterdal	205	\$2.10
Hoffman	575	\$56.00
Hokah	420	\$48.58
Holdingford	638	\$30.00
Holland	241	\$10.00
Hollandale	236	\$9.67
Holloway	96	\$14.00
Hopkins	17,531	\$19.50

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Houston	1,020	\$34.55
Howard Lake	1,506	\$70.76
Hoyt Lakes	2,017	\$22.00
Hugo	12,685	\$20.37
Hutchinson	14,185	\$38.50
Ihlen	51	\$9.50
Independence	3,472	\$54.20
International Falls	6,427	\$26.95
Inver Grove Heights	33,638	\$19.69
Iron Junction	102	\$52.00
Ironton	595	\$35.04
Isanti	5,050	\$32.06
Isle	654	\$78.92
Ivanhoe	542	\$42.00
Jackson	3,300	\$32.14
Janesville	2,106	\$17.00
Jasper	517	\$11.25
Jeffers	435	\$34.50
Jordan	5,418	\$46.11
Kandiyohi	550	\$61.45

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Karlstad	827	\$10.00
Kasson	5,807	\$51.94
Kelliher	322	\$28.50
Kellogg	451	\$8.83
Kennedy	158	\$21.00
Kenneth	84	\$36.00
Kent	75	\$46.00
Kenyon	1,959	\$29.58
Kettle River	150	\$43.50
Kilkenny	384	\$24.35
Kimball	716	\$30.00
Kinney	153	\$21.50
La Crescent	4,867	\$15.92
Lafayette	577	\$50.02
Lake Benton	674	\$37.50
Lake Bronson	254	\$12.00
Lake City	947	\$41.53
Lake Crystal	2,540	\$34.00
Lake Elmo	7,997	\$22.50
Lake Henry	73	\$30.00

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Lake Lillian	213	\$34.15
Lake Park	795	\$32.50
Lake Shore	1,243	\$33.33
Lakefield	1,641	\$30.72
Lakeville	54,951	\$17.53
Lamberton	938	\$34.08
Lancaster	286	\$25.80
Lanesboro	751	\$185.00
Lauderdale	2,494	\$16.18
Le Center	2,431	\$34.42
Le Roy	922	\$22.50
Le Sueur	4,084	\$44.85
Lester Prairie	1,526	\$65.00
Lewiston	1,779	\$73.46
Lewisville	229	\$62.00
Lexington	2,147	\$14.13
Lilydale	818	\$17.50
Lindstrom	4,364	\$38.50
Lino Lakes	19,996	\$19.00
Lismore	282	\$39.30

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Litchfield	6,742	\$34.13
Little Canada	9,722	\$18.33
Little Falls	8,356	\$24.05
Littlefork	656	\$14.00
Long Lake	1,951	\$23.60
Long Prairie	3,437	\$21.78
Longville	119	\$31.00
Lonsdale	3,466	\$41.00
Loretto	739	\$37.00
Lowry	321	\$30.00
Lucan	180	\$26.42
Luverne	4,690	\$41.20
Lynd	485	\$26.23
Mabel	761	\$46.00
Madelia	2,723	\$31.40
Madison	1,572	\$47.50
Madison Lake	1,103	\$60.45
Magnolia	212	\$2.42
Mahnomen	1,526	\$8.38
Mahtomedi	7,718	\$24.00

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Mankato	38,725	\$29.18
Mantorville	1,175	\$40.28
Maple Grove	60,241	\$16.42
Maple Plain	1,732	\$42.98
Mapleton	2,061	\$19.79
Mapleview	163	\$21.25
Maplewood	37,572	\$19.65
Marble	701	\$34.00
Marietta	222	\$7.50
Marine on St Croix	672	\$38.08
Marshall	13,534	\$35.96
Mayer	1,306	\$50.25
Maynard	498	\$22.50
Mazeppa	675	\$44.35
McGrath	72	\$28.00
McGregor	393	\$25.00
McIntosh	533	\$10.00
Meadowlands	117	\$21.75
Medford	1,274	\$42.80
Medina	4,794	\$22.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Melrose	3,559	\$29.33
Menahga	1,186	\$18.40
Mendota	160	\$13.33
Mendota Heights	11,191	\$20.00
Middle River	323	\$35.00
Milaca	2,944	\$19.50
Milan	393	\$11.67
Millerville	165	\$14.17
Milroy	201	\$22.00
Minneapolis	381,833	\$20.99
Minnesota City	218	\$3.00
Minnesota Lake	653	\$25.83
Minnetonka	49,766	\$14.75
Minnetonka Beach	713	\$19.33
Minnetrista	6,157	\$28.33
Montevideo	5,343	\$36.58
Montgomery	3,013	\$54.25
Monticello	12,506	\$20.64
Montrose	2,726	\$33.15
Moorhead	37,358	\$24.19

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Moose Lake	2,715	\$19.54
Mora	3,583	\$44.20
Morgan	1,023	\$39.58
Morris	5,286	\$83.33
Morristown	1,029	\$46.00
Morton	479	\$58.67
Motley	596	\$33.50
Mound	9,069	\$29.28
Mounds View	12,162	\$18.10
Mountain Iron	2,886	\$25.00
Mountain Lake	2,270	\$18.00
Murdock	237	\$14.00
Myrtle	45	\$2.00
Nashwauk	983	\$11.00
Nassau	96	\$27.58
Nevis	493	\$30.00
New Auburn	577	\$41.75
New Brighton	21,444	\$9.65
New Germany	421	\$44.00
New Hope	20,358	\$27.50

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
New London	1,267	\$77.20
New Prague	7,321	\$77.00
New Richland	1,020	\$58.51
New Ulm	13,493	\$27.85
New York Mills	1,500	\$49.39
Newfolden	351	\$23.00
Newport	3,487	\$15.54
Nicollet	1,200	\$28.75
Nielsville	182	\$36.00
Nisswa	2,261	\$43.94
North Branch	10,046	\$46.50
North Mankato	13,258	\$20.92
North St Paul	11,450	\$25.00
Northfield	18,608	\$31.93
Northome	202	\$32.00
Northrop	274	\$1.77
Norwood Young America	3,554	\$39.50
Oak Grove	7,959	\$62.00
Oak Park Heights	4,317	\$16.65
Oakdale	27,473	\$18.77

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Odessa	107	\$25.00
Ogema	165	\$3.00
Ogilvie	401	\$55.78
Okabena	179	\$22.00
Oklee	465	\$17.21
Olivia	2,438	\$41.02
Onamia	965	\$24.92
Orono	7,428	\$40.35
Orr	279	\$69.37
Ortonville	1,919	\$20.29
Osakis	1,599	\$25.04
Osseo	2,495	\$15.00
Ostrander	303	\$39.50
Otsego	13,020	\$30.00
Owatonna	25,456	\$14.08
Palisade	174	\$68.00
Park Rapids	3,742	\$17.83
Parkers Prairie	1,080	\$32.19
Paynesville	2,340	\$17.67
Pease	133	\$50.33

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Pelican Rapids	2,716	\$30.50
Pemberton	313	\$47.00
Pennock	569	\$9.60
Pequot Lakes	2,162	\$44.71
Perham	2,968	\$11.70
Perley	110	\$45.00
Peterson	224	\$47.00
Pillager	507	\$35.00
Pine City	3,186	\$26.67
Pine Island	2,533	\$30.45
Pipestone	4,304	\$39.53
Plainview	3,332	\$47.10
Plummer	266	\$18.00
Plymouth	69,963	\$15.10
Porter	184	\$15.83
Preston	1,318	\$25.10
Princeton	4,643	\$52.50
Prinsburg	432	\$53.10
Prior Lake	22,570	\$20.08
Racine	449	\$25.00

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Ramsey	23,267	\$22.26
Randall	543	\$36.30
Raymond	744	\$33.40
Red Lake Falls	1,447	\$26.67
Red Wing	16,447	\$32.33
Redwood Falls	5,254	\$24.03
Remer	391	\$51.47
Renville	1,447	\$23.24
Revere	85	\$22.75
Rice	1,126	\$17.00
Richfield	35,053	\$18.25
Richmond	1,432	\$48.67
Robbinsdale	13,947	\$23.90
Rochester	105,576	\$29.51
Rockford	3,890	\$29.25
Rockville	2,278	\$18.10
Rogers	8,122	\$15.73
Rollingstone	717	\$26.08
Roscoe	115	\$28.00
Rose Creek	470	\$23.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Roseau	2,656	\$16.25
Rosemount	21,240	\$15.63
Roseville	33,497	\$19.67
Rothsay	259	\$14.17
Round Lake	378	\$11.00
Royalton	1,068	\$31.50
Rush City	3,057	\$26.10
Rushford	1,918	\$27.94
Rushford Village	953	\$49.00
Rushmore	277	\$33.00
Russell	351	\$16.00
Ruthton	203	\$15.00
Sabin	631	\$19.00
Sacred Heart	465	\$30.25
Sandstone	2,763	\$37.70
Sartell	15,175	\$25.73
Sauk Centre	4,293	\$41.36
Sauk Rapids	12,635	\$21.25
Savage	26,897	\$10.40
Scanlon	1,022	\$57.75

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Seaforth	87	\$66.00
Sebeka	748	\$25.75
Shafer	884	\$35.28
Shakopee	36,110	\$16.00
Shelly	220	\$35.00
Sherburn	996	\$22.55
Shoreview	25,023	\$26.70
Shorewood	7,307	\$23.33
Silver Bay	2,081	\$34.15
Silver Creek	2,300	\$43.00
Silver Lake	757	\$25.25
Slayton	2,162	\$20.00
Sleepy Eye	3,597	\$19.88
South Haven	215	\$52.90
South St Paul	20,283	\$20.80
Spicer	1,263	\$68.10
Spring Lake Park	6,318	\$19.68
Spring Park	1,538	\$31.25
Spring Valley	2,475	\$33.29
Springfield	2,060	\$24.17

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
St Bonifacius	2,176	\$14.67
St Charles	3,706	\$33.62
St Clair	744	\$72.00
St Cloud	65,986	\$26.67
St Francis	7,218	\$34.75
St Hilaire	232	\$48.77
St James	4,573	\$38.58
St Joseph	6,383	\$19.00
St Leo	156	\$21.00
St Louis Park	45,043	\$17.40
St Martin	312	\$12.00
St Michael	15,896	\$15.37
St Paul	283,991	\$23.50
St Paul Park	5,283	\$21.15
St Peter	11,196	\$54.00
Stacy	1,471	\$23.11
Staples	3,103	\$19.51
Starbuck	1,234	\$41.00
Steen	205	\$20.00
Stephen	720	\$31.20

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Stewart	642	\$10.66
Stewartville	5,902	\$22.45
Stillwater	18,058	\$19.17
Storden	238	\$35.00
Sunburg	93	\$35.40
Swanville	329	\$32.50
Tamarack	67	\$45.00
Taunton	159	\$21.25
Taylors Falls	929	\$23.83
Thief River Falls	8,563	\$9.24
Thomson	127	\$42.50
Tonka Bay	1,378	\$42.23
Tower	483	\$25.75
Tracy	2,056	\$14.00
Trimont	619	\$52.37
Truman	1,159	\$23.70
Twin Lakes	187	\$10.00
Twin Valley	833	\$19.00
Two Harbors	3,729	\$41.01
Tyler	1,084	\$11.25

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Ulen	573	\$37.40
Underwood	385	\$45.00
Upsala	529	\$24.30
Utica	339	\$10.00
Vadnais Heights	12,313	\$20.00
Vergas	312	\$24.25
Vermillion	411	\$29.00
Verndale	470	\$33.50
Vernon Center	307	\$46.75
Vesta	359	\$28.33
Victoria	7,143	\$20.80
Viking	82	\$60.00
Virginia	8,742	\$36.90
Wabasha	2,532	\$55.43
Wabasso	613	\$30.13
Waconia	10,429	\$26.50
Wadena	4,179	\$27.67
Wahkon	341	\$28.17
Waite Park	6,729	\$20.85
Waldorf	175	\$14.00

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Walker	926	\$32.50
Walnut Grove	812	\$46.95
Walters	110	\$38.50
Waltham	144	\$30.00
Wanamingo	1,013	\$32.50
Wanda	72	\$20.00
Warba	164	\$30.00
Warren	1,900	\$40.00
Warroad	2,039	\$33.50
Waseca	9,405	\$41.46
Watertown	4,140	\$38.08
Waterville	1,808	\$19.70
Watkins	978	\$45.50
Watson	268	\$73.25
Waubun	435	\$14.58
Waverly	1,127	\$77.30
Wayzata	3,717	\$25.95
Welcome	811	\$35.00
Wells	2,345	\$27.00
Wendell	159	\$10.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
West Concord	752	\$58.00
West St Paul	19,661	\$24.40
Westbrook	625	\$21.00
Wheaton	1,531	\$46.79
White Bear Lake	23,797	\$19.00
Williams	199	\$50.00
Willmar	19,459	\$39.04
Willow River	401	\$8.50
Wilmont	280	\$20.58
Windom	4,626	\$29.86
Winger	207	\$13.08
Winnebago	1,514	\$36.50
Winona	27,671	\$15.25
Winsted	2,360	\$45.23
Winton	152	\$33.50
Wolf Lake	69	\$45.00
Wolverton	98	\$40.30
Wood Lake	401	\$36.40
Woodbury	60,737	\$19.19
Woodland	420	\$27.90

Alphabetical by Community

Community	Population	Mo. Residential Sewer Charge
Worthington	12,531	\$30.23
Wykoff	560	\$54.14
Wyoming	7,730	\$29.52
Zimmerman	5,091	\$31.58
Zumbro Falls	166	\$45.00
Zumbrota	3,209	\$20.80

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Lanesboro	751	\$185.00
Clear Lake	546	\$116.25
Morris	5,286	\$83.33
Blomkest/Svea Sewer Board	177	\$82.75
Isle	654	\$78.92
Waverly	1,127	\$77.30
New London	1,267	\$77.20
New Prague	7,321	\$77.00
Henderson	814	\$76.10
Lewiston	1,779	\$73.46
Watson	268	\$73.25
Delano	5,401	\$72.35
St Clair	744	\$72.00
Howard Lake	1,506	\$70.76
Fountain	404	\$70.30
Orr	279	\$69.37
Dundas	1,337	\$68.25
Spicer	1,263	\$68.10
Palisade	174	\$68.00
Harris	965	\$67.19

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Seaforth	87	\$66.00
Lester Prairie	1,526	\$65.00
Bertha	552	\$63.00
Chatfield	1,679	\$62.61
Bigelow	217	\$62.50
Lewisville	229	\$62.00
Oak Grove	7,959	\$62.00
Kandiyohi	550	\$61.45
Madison Lake	1,103	\$60.45
Viking	82	\$60.00
Morton	479	\$58.67
New Richland	1,020	\$58.51
West Concord	752	\$58.00
Scanlon	1,022	\$57.75
Grand Marais	1,136	\$57.50
Garrison	175	\$56.00
Hoffman	575	\$56.00
Ogilvie	401	\$55.78
Wabasha	2,532	\$55.43
Ely	3,502	\$54.31

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Cook	780	\$54.25
Harmony	1,076	\$54.25
Montgomery	3,013	\$54.25
Independence	3,472	\$54.20
Wykoff	560	\$54.14
St Peter	11,196	\$54.00
Prinsburg	432	\$53.10
South Haven	215	\$52.90
Princeton	4,643	\$52.50
Trimont	619	\$52.37
Iron Junction	102	\$52.00
Kasson	5,807	\$51.94
Elysian	422	\$51.50
Remer	391	\$51.47
Greenfield	2,710	\$50.75
Hammond	154	\$50.50
Green Isle	303	\$50.35
Pease	133	\$50.33
Mayer	1,306	\$50.25
Lafayette	577	\$50.02

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Dovray	58	\$50.00
Williams	199	\$50.00
Bock	82	\$50.00
Grove City	618	\$49.75
New York Mills	1,500	\$49.39
Rushford Village	953	\$49.00
St Hilaire	232	\$48.77
Comstock	139	\$48.67
Richmond	1,432	\$48.67
Carlton	833	\$48.60
Hokah	420	\$48.58
Hendricks	689	\$48.00
Cokato	2,749	\$47.80
Hanley Falls	275	\$47.75
Madison	1,572	\$47.50
Frost	214	\$47.50
Gary	145	\$47.25
Plainview	3,332	\$47.10
Pemberton	313	\$47.00
Peterson	224	\$47.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Walnut Grove	812	\$46.95
Wheaton	1,531	\$46.79
Vernon Center	307	\$46.75
North Branch	10,046	\$46.50
Jordan	5,418	\$46.11
Morristown	1,029	\$46.00
Barnesville	2,524	\$46.00
Kent	75	\$46.00
Clara City	1,198	\$46.00
Mabel	761	\$46.00
Byron	4,799	\$45.71
Ashby	472	\$45.50
Watkins	978	\$45.50
Dassel	1,488	\$45.40
Winsted	2,360	\$45.23
Zumbro Falls	166	\$45.00
Perley	110	\$45.00
Underwood	385	\$45.00
Wolf Lake	69	\$45.00
Tamarack	67	\$45.00

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Le Sueur	4,084	\$44.85
Pequot Lakes	2,162	\$44.71
Cohasset	2,675	\$44.50
Clarissa	765	\$44.42
Mazeppa	675	\$44.35
Mora	3,583	\$44.20
New Germany	421	\$44.00
Nisswa	2,261	\$43.94
Kettle River	150	\$43.50
Arlington	2,569	\$43.30
Braham	1,754	\$43.08
Silver Creek	2,300	\$43.00
Maple Plain	1,732	\$42.98
Hill City	503	\$42.80
Medford	1,274	\$42.80
Cologne	1,489	\$42.80
Franklin	646	\$42.75
Duluth	86,177	\$42.69
Thomson	127	\$42.50
Emily	758	\$42.44

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Tonka Bay	1,378	\$42.23
Cottonwood	992	\$42.00
Big Falls	199	\$42.00
Ivanhoe	542	\$42.00
Atwater	1,012	\$41.83
New Auburn	577	\$41.75
Battle Lake	813	\$41.60
Brownton	709	\$41.58
Lake City	947	\$41.53
Hermantown	9,267	\$41.50
Waseca	9,405	\$41.46
Sauk Centre	4,293	\$41.36
Brandon	440	\$41.25
Luverne	4,690	\$41.20
Olivia	2,438	\$41.02
Two Harbors	3,729	\$41.01
Lonsdale	3,466	\$41.00
Starbuck	1,234	\$41.00
Eagle Lake	2,384	\$40.92
Elmore	657	\$40.67

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Cannon Falls	4,073	\$40.63
Orono	7,428	\$40.35
Wolverton	98	\$40.30
Mantorville	1,175	\$40.28
Boyd	209	\$40.00
Chandler	237	\$40.00
Warren	1,900	\$40.00
Hamburg	610	\$40.00
Doran	24	\$40.00
Evan	31	\$40.00
Glencoe	5,654	\$39.75
Hector	1,149	\$39.60
Morgan	1,023	\$39.58
Pipestone	4,304	\$39.53
Norwood Young America	3,554	\$39.50
Darwin	424	\$39.50
Ostrander	303	\$39.50
Blue Earth	3,368	\$39.45
Lismore	282	\$39.30
Appleton	2,017	\$39.27

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Willmar	19,459	\$39.04
Aurora	1,682	\$39.01
Elko New Market	3,845	\$38.92
Barnum	627	\$38.75
Eyota	2,132	\$38.75
Cambridge	8,009	\$38.72
Deerwood	404	\$38.60
St James	4,573	\$38.58
Walters	110	\$38.50
Hutchinson	14,185	\$38.50
Lindstrom	4,364	\$38.50
Watertown	4,140	\$38.08
Marine on St Croix	672	\$38.08
Hancock	794	\$38.00
Darfur	67	\$38.00
Sandstone	2,763	\$37.70
Bigfork	473	\$37.70
Lake Benton	674	\$37.50
Clinton	426	\$37.50
Ulen	573	\$37.40

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Backus	380	\$37.00
Loretto	739	\$37.00
Virginia	8,742	\$36.90
Crosby	2,186	\$36.83
Courtland	608	\$36.75
Montevideo	5,343	\$36.58
Bagley	1,416	\$36.50
Winnebago	1,514	\$36.50
Wood Lake	401	\$36.40
Bemidji	13,354	\$36.39
Randall	543	\$36.30
Excelsior	2,254	\$36.25
Good Thunder	549	\$36.06
Nielsenville	182	\$36.00
Buckman	213	\$36.00
Elkton	128	\$36.00
Amboy	577	\$36.00
Kenneth	84	\$36.00
Brownsville	638	\$36.00
Crosslake	1,979	\$36.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Marshall	13,534	\$35.96
Bingham Lake	155	\$35.72
Dodge Center	2,640	\$35.62
Cold Spring	3,960	\$35.50
Eveleth	3,732	\$35.50
Babbitt	1,300	\$35.50
Echo	309	\$35.45
Sunburg	93	\$35.40
Bird Island	966	\$35.30
Shafer	884	\$35.28
Chisholm	4,962	\$35.06
Ironton	595	\$35.04
Welcome	811	\$35.00
Pillager	507	\$35.00
Middle River	323	\$35.00
Calumet	367	\$35.00
Foreston	643	\$35.00
Storden	238	\$35.00
Fisher	437	\$35.00
Blooming Prairie	1,919	\$35.00

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Bethel	470	\$35.00
Shelly	220	\$35.00
Fairmont	10,639	\$34.92
Halstad	652	\$34.83
St Francis	7,218	\$34.75
Belle Plaine	6,501	\$34.59
Houston	1,020	\$34.55
Jeffers	435	\$34.50
Le Center	2,431	\$34.42
Hinckley	1,888	\$34.30
Benson	3,165	\$34.30
Silver Bay	2,081	\$34.15
Lake Lillian	213	\$34.15
Litchfield	6,742	\$34.13
Beaver Bay	110	\$34.11
Lamberton	938	\$34.08
Bricelyn	325	\$34.08
Elbow Lake	1,274	\$34.00
Marble	701	\$34.00
Lake Crystal	2,540	\$34.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Cobden	24	\$33.70
St Charles	3,706	\$33.62
Gilbert	1,881	\$33.58
Dilworth	3,925	\$33.58
Verndale	470	\$33.50
Winton	152	\$33.50
Motley	596	\$33.50
Henriette	38	\$33.50
Warroad	2,039	\$33.50
Raymond	744	\$33.40
Lake Shore	1,243	\$33.33
Spring Valley	2,475	\$33.29
Montrose	2,726	\$33.15
Eagle Bend	497	\$33.00
Rushmore	277	\$33.00
Claremont	596	\$32.75
Lake Park	795	\$32.50
Walker	926	\$32.50
Wanamingo	1,013	\$32.50
Glenwood	2,570	\$32.50

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Swanville	329	\$32.50
Red Wing	16,447	\$32.33
Herman	516	\$32.33
Parkers Prairie	1,080	\$32.19
Jackson	3,300	\$32.14
Cass Lake	676	\$32.12
Isanti	5,050	\$32.06
Northome	202	\$32.00
East Gull Lake	1,088	\$32.00
Avon	1,264	\$31.95
Northfield	18,608	\$31.93
Zimmerman	5,091	\$31.58
Royalton	1,068	\$31.50
Madelia	2,723	\$31.40
Caledonia	2,880	\$31.25
Spring Park	1,538	\$31.25
Cromwell	138	\$31.25
Stephen	720	\$31.20
Henning	834	\$31.00
Garfield	253	\$31.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Longville	119	\$31.00
Brainerd	13,715	\$30.83
Detroit Lakes	8,507	\$30.75
Lakefield	1,641	\$30.72
Hayward	166	\$30.50
Pelican Rapids	2,716	\$30.50
Pine Island	2,533	\$30.45
Browerville	715	\$30.38
Hewitt	260	\$30.35
Buffalo	15,127	\$30.28
Sacred Heart	465	\$30.25
Worthington	12,531	\$30.23
Wabasso	613	\$30.13
Nevis	493	\$30.00
Lake Henry	73	\$30.00
Hibbing	16,395	\$30.00
Warba	164	\$30.00
Lowry	321	\$30.00
Waltham	144	\$30.00
Holdingford	638	\$30.00

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Dumont	65	\$30.00
Hatfield	44	\$30.00
Glyndon	1,402	\$30.00
Kimball	716	\$30.00
Otsego	13,020	\$30.00
Deer Creek	257	\$30.00
Freeborn	261	\$30.00
Windom	4,626	\$29.86
Blackduck	783	\$29.75
Hawley	1,936	\$29.75
Kenyon	1,959	\$29.58
Wyoming	7,730	\$29.52
Rochester	105,576	\$29.51
Melrose	3,559	\$29.33
Easton	181	\$29.33
Browns Valley	580	\$29.30
Mound	9,069	\$29.28
Rockford	3,890	\$29.25
Mankato	38,725	\$29.18
Eitzen	243	\$29.17

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Vermillion	411	\$29.00
Audubon	561	\$29.00
Farwell/Kensington Sanitary District	343	\$29.00
Ceylon	361	\$28.95
Clarkfield	702	\$28.90
Nicollet	1,200	\$28.75
Baxter	7,471	\$28.62
Graceville	556	\$28.50
Grey Eagle	435	\$28.50
Kelliher	322	\$28.50
Albert Lea	18,046	\$28.34
Minnetrista	6,157	\$28.33
Vesta	359	\$28.33
Hartland	281	\$28.33
Belgrade	793	\$28.25
Circle Pines	4,921	\$28.25
Wahkon	341	\$28.17
Carver	3,519	\$28.10
Fairfax	1,024	\$28.00
Climax	256	\$28.00

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
McGrath	72	\$28.00
Roscoe	115	\$28.00
Rushford	1,918	\$27.94
Woodland	420	\$27.90
New Ulm	13,493	\$27.85
Baudette	1,237	\$27.75
Wadena	4,179	\$27.67
Aitkin	2,636	\$27.59
Nassau	96	\$27.58
Forest Lake	18,077	\$27.50
New Hope	20,358	\$27.50
Fergus Falls	13,258	\$27.40
Hanover	2,171	\$27.35
Faribault	23,195	\$27.12
Becker	4,436	\$27.08
Eden Valley	534	\$27.00
Wells	2,345	\$27.00
Center City	581	\$27.00
International Falls	6,427	\$26.95
Fosston	1,752	\$26.75

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Shoreview	25,023	\$26.70
St Cloud	65,986	\$26.67
Pine City	3,186	\$26.67
Red Lake Falls	1,447	\$26.67
Butterfield	514	\$26.50
Waconia	10,429	\$26.50
Lucan	180	\$26.42
Lynd	485	\$26.23
Rush City	3,057	\$26.10
Rollingstone	717	\$26.08
Adams	800	\$26.00
Belview	400	\$26.00
Wayzata	3,717	\$25.95
Comfrey	471	\$25.83
Birchwood	870	\$25.83
Minnesota Lake	653	\$25.83
Lancaster	286	\$25.80
Tower	483	\$25.75
Sebeka	748	\$25.75
Cleveland	672	\$25.75

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Sartell	15,175	\$25.73
Foley	2,576	\$25.50
Grand Meadow	985	\$25.50
Silver Lake	757	\$25.25
Floodwood	519	\$25.25
Preston	1,318	\$25.10
Osakis	1,599	\$25.04
Coon Rapids	61,876	\$25.00
McGregor	393	\$25.00
Heron Lake	622	\$25.00
Big Lake	9,867	\$25.00
Dent	199	\$25.00
Racine	449	\$25.00
Deer River	1,032	\$25.00
Dalton	312	\$25.00
North St Paul	11,450	\$25.00
Deephaven	3,658	\$25.00
Mountain Iron	2,886	\$25.00
Coleraine	1,917	\$25.00
Odessa	107	\$25.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Onamia	965	\$24.92
East Grand Forks	8,458	\$24.80
Dawson	1,424	\$24.58
West St Paul	19,661	\$24.40
Kilkenny	384	\$24.35
Upsala	529	\$24.30
Vergas	312	\$24.25
Moorhead	37,358	\$24.19
Springfield	2,060	\$24.17
Champlin	22,937	\$24.15
Cloquet	12,076	\$24.10
Little Falls	8,356	\$24.05
Redwood Falls	5,254	\$24.03
Hackensack	386	\$24.00
Annandale	3,238	\$24.00
Mahtomedi	7,718	\$24.00
Robbinsdale	13,947	\$23.90
Taylors Falls	929	\$23.83
Bayport	3,465	\$23.77
Balaton	676	\$23.71

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Truman	1,159	\$23.70
Long Lake	1,951	\$23.60
Bellingham	229	\$23.50
Askov	417	\$23.50
Argyle	497	\$23.50
Breckenridge	3,401	\$23.50
St Paul	283,991	\$23.50
Brooklyn Center	29,949	\$23.49
Shorewood	7,307	\$23.33
Greenwood	638	\$23.33
Gaylord	2,219	\$23.33
Ellsworth	470	\$23.25
Renville	1,447	\$23.24
Stacy	1,471	\$23.11
Rose Creek	470	\$23.00
Gonvick	342	\$23.00
Finlayson	282	\$23.00
Cosmos	550	\$23.00
Newfolden	351	\$23.00
Revere	85	\$22.75

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Sherburn	996	\$22.55
Lake Elmo	7,997	\$22.50
Le Roy	922	\$22.50
Maynard	498	\$22.50
Clements	156	\$22.50
Canby	1,924	\$22.48
Stewartville	5,902	\$22.45
Breezy Point	1,955	\$22.33
Ramsey	23,267	\$22.26
Freeport	606	\$22.15
Goodview	4,003	\$22.08
Milroy	201	\$22.00
Medina	4,794	\$22.00
Okabena	179	\$22.00
Clearbrook	600	\$22.00
Hoyt Lakes	2,017	\$22.00
Centerville	3,762	\$21.83
Long Prairie	3,437	\$21.78
Meadowlands	117	\$21.75
Altura	451	\$21.67

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Kinney	153	\$21.50
Mapleview	163	\$21.25
Taunton	159	\$21.25
Sauk Rapids	12,635	\$21.25
Austin	24,559	\$21.16
St Paul Park	5,283	\$21.15
Erskine	494	\$21.00
Westbrook	625	\$21.00
Ghent	390	\$21.00
Kennedy	158	\$21.00
St Leo	156	\$21.00
Minneapolis	381,833	\$20.99
North Mankato	13,258	\$20.92
Waite Park	6,729	\$20.85
South St Paul	20,283	\$20.80
Victoria	7,143	\$20.80
Zumbrota	3,209	\$20.80
Monticello	12,506	\$20.64
Wilmont	280	\$20.58
Frazee	1,398	\$20.52

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Hugo	12,685	\$20.37
Anoka	17,357	\$20.31
Ortonville	1,919	\$20.29
Dayton	4,622	\$20.15
Prior Lake	22,570	\$20.08
Steen	205	\$20.00
Brownsdale	696	\$20.00
Mendota Heights	11,191	\$20.00
Wanda	72	\$20.00
Slayton	2,162	\$20.00
Hendrum	230	\$20.00
Vadnais Heights	12,313	\$20.00
Alden	665	\$20.00
Dover	744	\$20.00
Sleepy Eye	3,597	\$19.88
Mapleton	2,061	\$19.79
Andover	30,371	\$19.79
Waterville	1,808	\$19.70
Inver Grove Heights	33,638	\$19.69
Spring Lake Park	6,318	\$19.68

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Roseville	33,497	\$19.67
Maplewood	37,572	\$19.65
Biwabik	1,150	\$19.56
Moose Lake	2,715	\$19.54
Staples	3,103	\$19.51
Milaca	2,944	\$19.50
Hopkins	17,531	\$19.50
Adrian	1,158	\$19.50
Elk River	22,790	\$19.40
Minnetonka Beach	713	\$19.33
Falcon Heights	5,307	\$19.25
Burnsville	60,699	\$19.20
Woodbury	60,737	\$19.19
Stillwater	18,058	\$19.17
Twin Valley	833	\$19.00
White Bear Lake	23,797	\$19.00
Callaway	231	\$19.00
Lino Lakes	19,996	\$19.00
St Joseph	6,383	\$19.00
Hayfield	1,222	\$19.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Sabin	631	\$19.00
Chanhassen	23,000	\$18.91
Golden Valley	20,314	\$18.90
Barrett	345	\$18.90
Grand Rapids	10,833	\$18.90
Oakdale	27,473	\$18.77
Danvers	133	\$18.75
Apple Valley	49,020	\$18.48
Menahga	1,186	\$18.40
Little Canada	9,722	\$18.33
Richfield	35,053	\$18.25
Chisago City	4,919	\$18.22
Fridley	27,394	\$18.20
Mounds View	12,162	\$18.10
Rockville	2,278	\$18.10
Edina	47,790	\$18.07
Mountain Lake	2,270	\$18.00
Plummer	266	\$18.00
Badger	388	\$18.00
Park Rapids	3,742	\$17.83

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Paynesville	2,340	\$17.67
Lakeville	54,951	\$17.53
Lilydale	818	\$17.50
Columbia Heights	19,532	\$17.44
St Louis Park	45,043	\$17.40
Fulda	1,519	\$17.25
Oklee	465	\$17.21
Janesville	2,106	\$17.00
Rice	1,126	\$17.00
Chaska	23,429	\$16.80
Albertville	6,790	\$16.71
Cottage Grove	34,394	\$16.65
Oak Park Heights	4,317	\$16.65
Ada	1,666	\$16.64
Brewster	532	\$16.50
Maple Grove	60,241	\$16.42
East Bethel	11,621	\$16.41
Albany	2,501	\$16.25
Roseau	2,656	\$16.25
Lauderdale	2,494	\$16.18

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Shakopee	36,110	\$16.00
Grygla	233	\$16.00
Hampton	802	\$16.00
Farmington	20,305	\$16.00
Russell	351	\$16.00
La Crescent	4,867	\$15.92
Porter	184	\$15.83
Hastings	21,899	\$15.75
Rogers	8,122	\$15.73
Rosemount	21,240	\$15.63
Newport	3,487	\$15.54
Eagan	64,535	\$15.52
Gibbon	749	\$15.50
Crystal	22,154	\$15.40
St Michael	15,896	\$15.37
Winona	27,671	\$15.25
Plymouth	69,963	\$15.10
Gilman	250	\$15.00
Bluffton	161	\$15.00
Osseo	2,495	\$15.00

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Ruthton	203	\$15.00
Beardsley	253	\$15.00
Flensburg	206	\$15.00
Hills	704	\$15.00
Clarks Grove	603	\$15.00
Blaine	56,261	\$14.90
Minnetonka	49,766	\$14.75
Brooklyn Park	74,743	\$14.70
St Bonifacius	2,176	\$14.67
Waubun	435	\$14.58
Bloomington	82,962	\$14.40
Millerville	165	\$14.17
Rothsay	259	\$14.17
Lexington	2,147	\$14.13
Owatonna	25,456	\$14.08
Murdock	237	\$14.00
Waldorf	175	\$14.00
Holloway	96	\$14.00
Littlefork	656	\$14.00
Goodridge	182	\$14.00

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Tracy	2,056	\$14.00
Glenville	660	\$13.33
Hardwick	157	\$13.33
Mendota	160	\$13.33
Cyrus	380	\$13.17
Winger	207	\$13.08
Hanska	388	\$13.05
Eden Prairie	60,024	\$13.00
Donnelly	272	\$13.00
Bejou	107	\$13.00
Brooten	753	\$12.75
Elgin	1,320	\$12.50
Fertile	851	\$12.25
Lake Bronson	254	\$12.00
St Martin	312	\$12.00
Ellendale	654	\$12.00
Georgetown	254	\$12.00
Perham	2,968	\$11.70
Milan	393	\$11.67
Edgerton	1,277	\$11.40

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Tyler	1,084	\$11.25
Crookston	7,887	\$11.25
Jasper	517	\$11.25
Round Lake	378	\$11.00
Nashwauk	983	\$11.00
Stewart	642	\$10.66
Emmons	347	\$10.50
Savage	26,897	\$10.40
Hilltop	660	\$10.23
Buffalo Lake	786	\$10.00
Wendell	159	\$10.00
Utica	339	\$10.00
Karlstad	827	\$10.00
Elizabeth	199	\$10.00
Holland	241	\$10.00
Granada	305	\$10.00
McIntosh	533	\$10.00
Twin Lakes	187	\$10.00
Hollandale	236	\$9.67
New Brighton	21,444	\$9.65

Appendix 7: Average Monthly Residential Sewer Charges

Community	Population	Mo. Residential Sewer Charge
Pennock	569	\$9.60
Ihlen	51	\$9.50
Thief River Falls	8,563	\$9.24
Kellogg	451	\$8.83
Willow River	401	\$8.50
Mahnomen	1,526	\$8.38
Hallock	962	\$8.17
Campbell	213	\$8.00
Marietta	222	\$7.50
Cedar Mills	70	\$6.17
Felton	131	\$6.00
Geneva	563	\$5.00
Effie	136	\$4.58
Danube	413	\$4.31
Conger	148	\$3.92
Minnesota City	218	\$3.00
Ogema	165	\$3.00
Magnolia	212	\$2.42
Alvarado	348	\$2.38
Beaver Creek	238	\$2.25

By Charge (highest to lowest)

Community	Population	Mo. Residential Sewer Charge
Hitterdal	205	\$2.10
Akeley	378	\$2.10
Myrtle	45	\$2.00
Dennison	137	\$1.94
Northrop	274	\$1.77
Correll	41	\$1.67