



Future Wastewater Infrastructure Needs and Capital Costs

REPORT TO THE LEGISLATURE

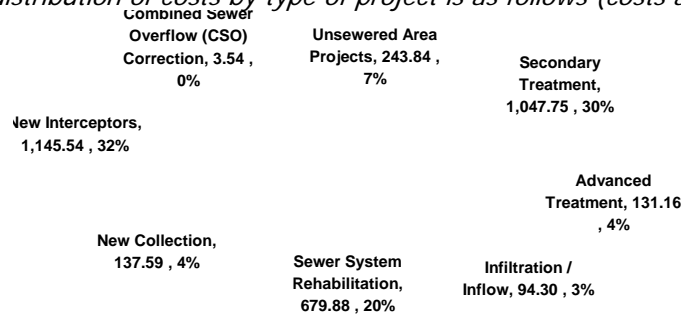
January 2008



Minnesota Pollution Control Agency

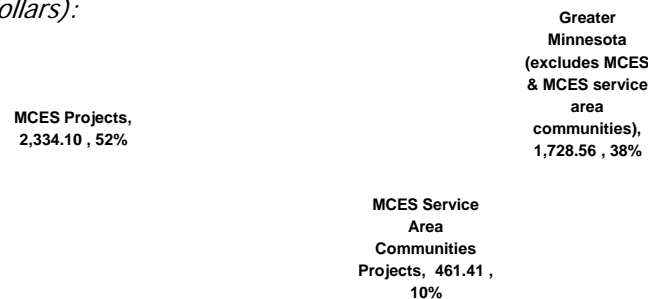
► Statewide Infrastructure Needs

Responding to the Minnesota Pollution Control Agency (MPCA) 2007 survey of wastewater treatment and collection system needs, Minnesota's communities identified **over eleven hundred wastewater infrastructure projects** at a cost of over **\$4.5 billion dollars**. Projects are needed to rehabilitate, expand and improve wastewater collection and treatment and to extend sewer systems to unsewered areas. The distribution of costs by type of project is as follows (costs are in millions of dollars):



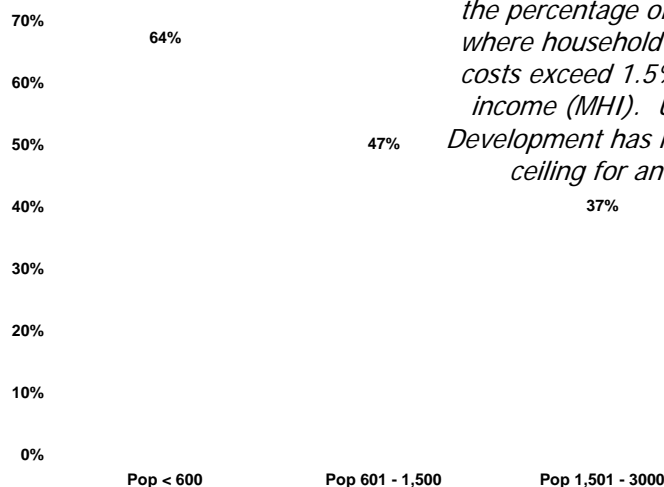
► Greater Minnesota & Metropolitan Council Environmental Services (MCES) Service Area Needs

The distribution of needs for Greater Minnesota as compared to MCES and the approx. 180 Twin Cities communities served by MCES is as follows (costs in millions of dollars):



► 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. (see pages 13 & 14). The Chart indicates -- for various ranges of community population -- the percentage of infrastructure projects where household capital and operational costs exceed 1.5% of median household income (MHI). U.S. Dept. of Ag. Rural Development has identified 1.5% as a cost ceiling for an affordable project.





Future Wastewater Treatment Needs and Capital Costs A Report to the Legislature/January 2008

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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 may be provided statewide or for specific counties or Economic Development Regions, upon request. The Report and the Appendices will also be available early in 2008 at the MPCA web site:
<http://www.pca.state.mn.us/hot/legislature/reports/2008/index.html>

Part VI. Appendices to *Future Wastewater Infrastructure Needs and Capital Costs*

Appendix 1: 2008 Wastewater Infrastructure Needs Survey (WINS) – Communities Providing Estimates of Future Wastewater Infrastructure Costs Summarized by Economic Development Regions and Counties (*24 pages*)

Appendix 2: Wastewater Infrastructure Needs Survey (WINS) – Descriptions of Individual Community Needs, Projects, Costs and Affordability (*160 pages – alphabetical*)

Appendix 3: Minn. Stat. § 115.03 Subd. 9

Appendix 4: State Fiscal Year 2008 Project Priority List (PPL) (*alphabetical and priority*)

Appendix 5: Communities Served by Metropolitan Council Environmental Services (MCES)

Appendix 6: Survey Responses and Methodological Considerations

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The staff team that compiled this legislative report would like to acknowledge the time and effort that local elected officials, municipal staff contacts and consulting engineers dedicated to the important task of completing the 2007 Wastewater Infrastructure Needs Survey (WINS). Surveys completed and submitted on a timely basis that accurately reflect the current short and long term planning regarding wastewater infrastructure capital needs significantly improves the quality of the data submitted to the Minnesota Legislature for their consideration.

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The cost of preparing this report:

■ Staff salary and fringe	\$12,420
■ Printing or reproduction	550.00
■ TOTAL	\$12,970

Introduction

The Purpose and Scope of this Report

In keeping with Minn. Stat. § 115.03 Subd.9¹, the Minnesota Pollution Control Agency (MPCA) has prepared this report on:

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

Minnesota's publicly owned wastewater treatment systems are operated according to National Pollution Discharge Elimination System (NPDES) and State Disposal System (SDS) permits issued by the MPCA. In addition to providing an overview of existing permitted facilities, the report identifies approximately 65 unsewered area project proposals from communities that do not currently have municipal facilities but plan to construct collection and treatment systems or to construct collection sewers and connect to treatment in adjoining communities or sanitary districts. 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 the 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). *To acquire information on stormwater infrastructure needs the MPCA initiated a survey of approximately two-hundred communities and watershed districts. The results of this survey – the Stormwater Infrastructure Needs Survey (SWINS) – have been received and are being compiled and assessed. A report will be available in February, 2008.*
- 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.

¹ A copy of Minn. Stat. § 115.03 Subd.9 is included as Appendix 3.

Basics of Wastewater and Wastewater Treatment

Wastewater or sewage is generated and discharged by households, businesses and industries. A typical household generates approximately 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 renovate wastewater and reduce or eliminate pollutants and nutrients before the treated wastewater is discharged to a river, lake, stream or wetland, applied to the land 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 phosphorus. 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.

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.
- **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.
- **Unsewered Area Projects** – Projects to address wastewater in communities or areas that do not have adequate and appropriate sewer collection systems or facilities. Solutions may include new construction or rehabilitation of subsurface sewage treatment systems (SSTS) and cluster systems as well as conventional centralized sewer collection and treatment.

Data Sources

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

The 2007 Wastewater Infrastructure Needs Survey (WINS)

The 2007 WINS survey was mailed to communities and sanitary districts in July, 2007 with completed surveys being received and data entered through mid-December. Communities are required to complete the WINS survey biennially as a part of their NPDES and SDS permit conditions. This information is acquired so that the State can identify future wastewater infrastructure needs over the next twenty years.

The 2008 Project Priority List (PPL) August 2007

The 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. Proposals include information describing and supporting the needs that will be addressed by the project. The MPCA prepares the PPL annually by ranking project proposals according to environmental criteria defined by Minnesota Rule Chapter 7077.

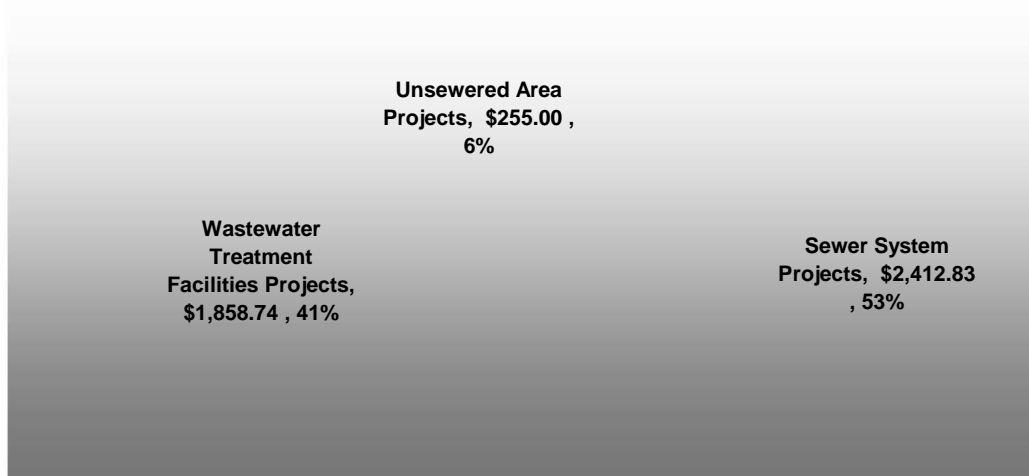
The PPL is then used by the Public Facilities Authority (PFA) to develop the Intended Use Plan (IUP) for the disbursement of Clean Water Revolving Fund (CWRF) low-interest loans and for the disbursement of Wastewater Infrastructure Fund (WIF) grants and loans. The 2008 PPL is included as Appendix 4 of this Report. Information regarding the CWRF, WIF and the CWRF 2008 IUP is available at the PFA website: www.deed.state.mn.us/community/assistance/pfa.htm. Infrastructure needs addressed by 2008 PPL project proposals are a subset of, and represent approximately 23% of the total number of wastewater project proposals and 40% of the overall costs identified by the 2007 WINS Survey.

Part I. Summary Information:

2008 Future 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 2007 WINS survey and/or listed on the current State Fiscal Year 2008 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 \$4,526.57 million² in wastewater infrastructure needs.

Chart 1: Statewide Wastewater Infrastructure Needs by Project Type
Total Need = \$4,526.57 (in millions)



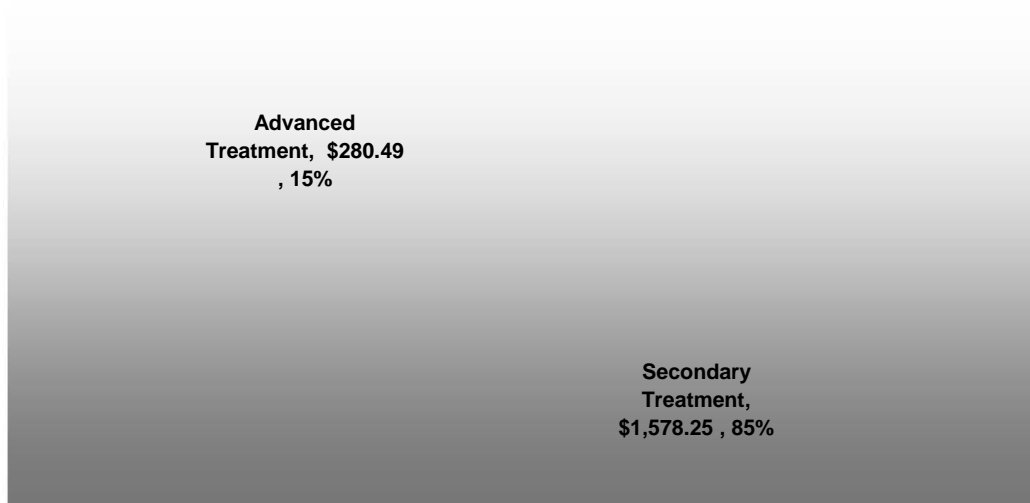
The Unsewered area projects identified by this report are limited to those that have requested placement on the CWRP 2008 Project Priority List PPL (For PPL see above discussion of Data Sources). The overall potential need to address unsewered areas with failed or inadequate Subsurface Sewage Treatment Systems (SSTS) is much greater, estimated by the MPCA at approximately 1 billion dollars. For a discussion of SSTS needs please see: A 10-Year Plan to Correct Onsite (ISTS) Sewage Treatment Problems: An MPCA Legislative Report 2004 <http://www.pca.state.mn.us/publications/reports/lrwq-wwists-1sv04.pdf>

² The reported \$4,526.57 million overall need of the 2008 Report compares to needs of \$3,483.59 and \$2,539.28 reported in 2006 and 2004 respectively. These substantial increases in identified need should not be understood as representing an actual 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. As subsequent WINS surveys are conducted and Legislative Reports prepared we anticipate being able to report increases (or decreases) in need from survey to survey that reflect actual changes over time.

2008 Future Wastewater Infrastructure Needs and Capital Costs

The \$1,858.74 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 treatment³ as indicated in Chart 2:

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



Of the \$2,412.83 million dollars of sewer system projects to rehabilitate, improve and expand sewer collection and interceptor systems⁴, costs are distributed as indicated in Chart 3:

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



³ For descriptions of secondary and advanced treatment please see page 4.

⁴ Infiltration and Inflow is stormwater and ground water that enters sanitary sewers through leaks or through the direct connection of, for example, roof downspouts. For a description of Combined Sewer Overflows please see page 15.

Greater Minnesota Needs & MCES Service Area Needs

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

Chart 4: Distribution of \$4,526.57 million Statewide Need between Greater Minnesota and the MCES Service Area (in millions)



Chart 5: Greater Minnesota Wastewater Infrastructure Needs by Project Type -- Total Greater Minnesota Need = \$1,728.55 (in millions)



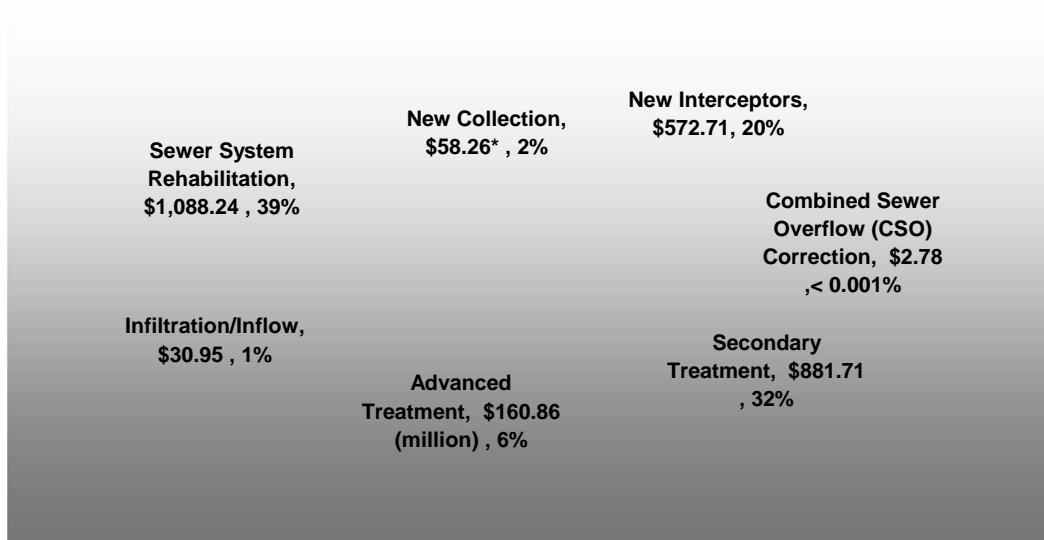
* The MCES service area encompasses approximately 180 communities with a total population of: 2,633,609, 53% of the State's total population (2000 US Census) Please see Appendix 5 for a list of MCES Service Area Communities.

Greater Minnesota Needs & MCES Service Area Needs

Chart 6: Greater Minnesota Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type -- Total Greater Minnesota Need = \$1,728.55 (in millions)



Chart 7: MCES & MCES Service Area Communities Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type – Total Need = \$2,795.52 (in millions)

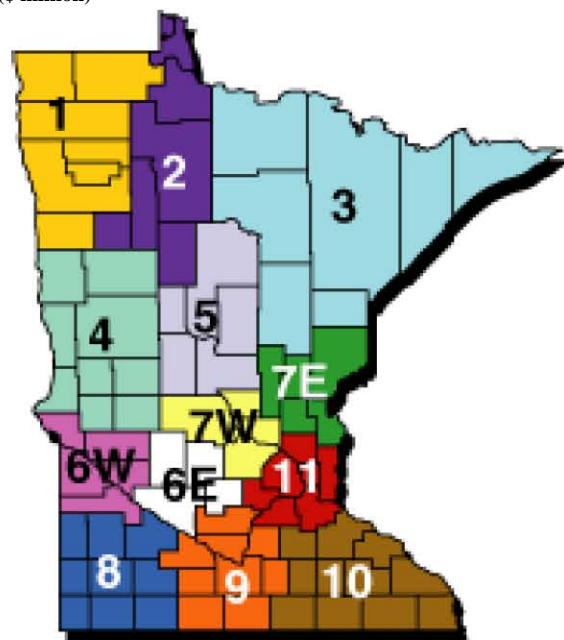


* The need identified as “New Collection” under represents new collection activity in the MCES Service Area. A widespread practice of expanding suburban communities is to require that developers incorporate wastewater collection infrastructure into development projects and consequently it is not reported to the WINS survey as a *public* need.

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	32.53
2	35.64
3	273.24
4	130.94
5	79.58
6E	172.51
6W	38.74
7E	107.61
7W	312.53
8	48.88
9	73.23
10	283.22
Subtotal for Greater Minnesota*	1,588.63
11**	2,937.94
Statewide Total: 4,526.57	



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

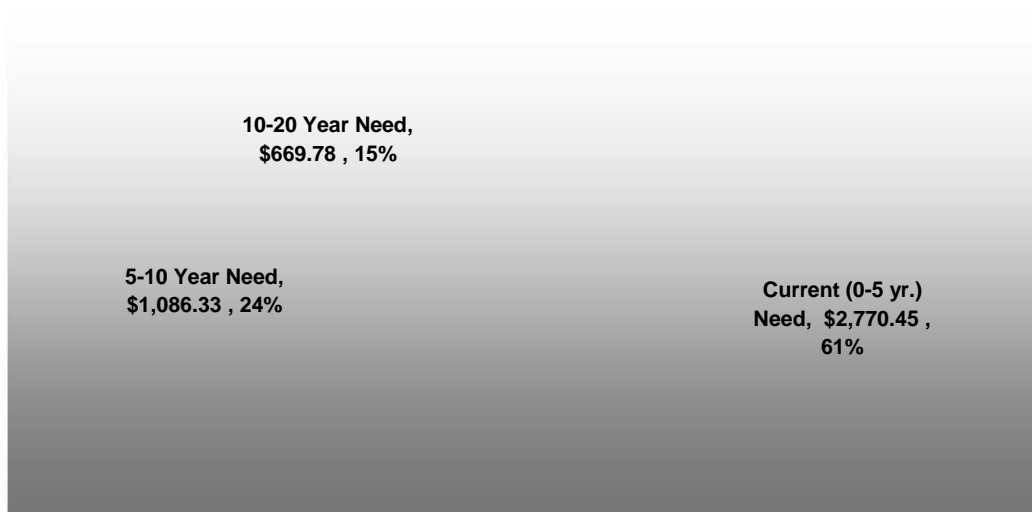
* EDRs 7E & 7W include three Twin Cities Metro Counties: Chisago, Sherburne, and Wright

** Twin Cities Metropolitan Area (includes Metropolitan Council Environmental Services (MCES))

Statewide Needs by Timeframe

Chart 8 below, illustrates wastewater infrastructure needs according to time frames. As indicated, the majority of costs are identified as current needs. Infrastructure costs of 5-10 years and 10-20 years may be under represented, in part because such costs are unanticipated. In addition, many communities, particularly smaller communities, lack the planning and fiscal resources to engage in strategic and comprehensive capital improvement planning. (See “Appendix 6: Survey Responses and Methodological Considerations” for further discussion of this point.)

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



Part II. Summary Information:

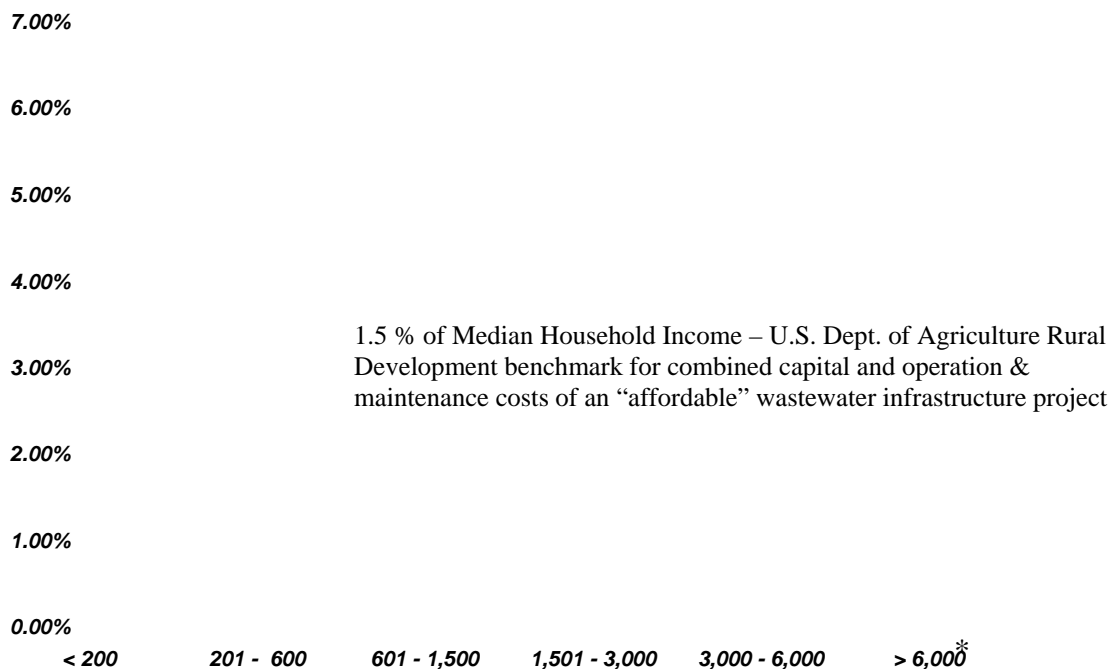
Wastewater Infrastructure Needs, Household Costs and Affordability

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

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

Chart 9 below illustrates the relationship between the size of communities and household costs. Costs are for current (0 – 5 yrs.) infrastructure projects and operation and maintenance, and are presented as a percentage of annual median household income (2000 U.S. Census). The graph indicates the pronounced effect of economies of scale on household costs and affordability. The affordability of projects is frequently an immediate concern for communities with populations less than 600.

**Chart 9: Current Wastewater Infrastructure Projects:
Average Household Capital and Operational Cost as a Percentage
of Median Household Income for Communities
of Various Population Ranges**



* - Value is less than 0.50%

Wastewater Infrastructure Needs, Household Costs and Affordability

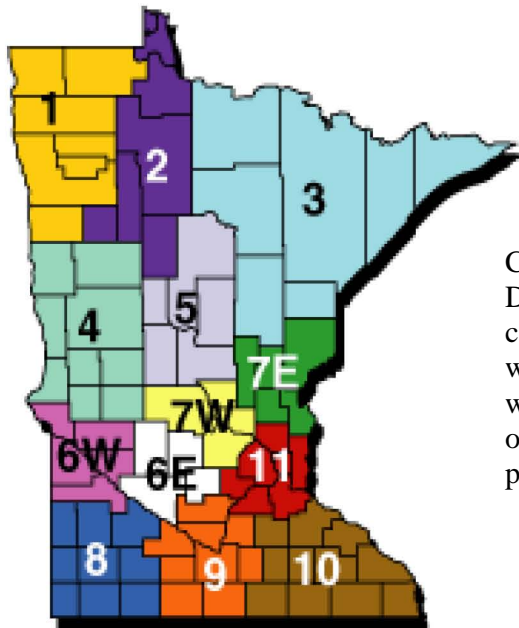
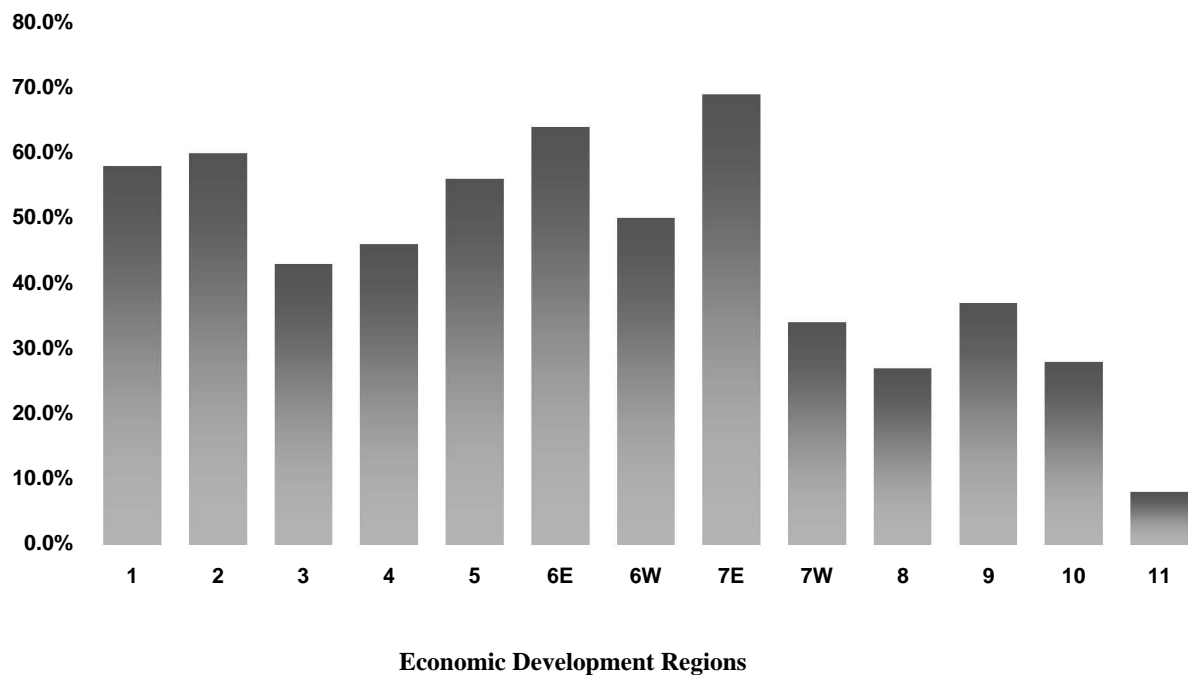


Chart 10 below indicates within each Economic Development Region (EDR) the percentage of communities responding to the WINS survey where the cost of paying for current (0 – 5 yrs.) wastewater infrastructure needs along with operating and maintenance costs exceed 1.5 percent of median household income.

Chart 10: Percentage of Communities with Wastewater Infrastructure Needs Exceeding 1.5% of Median Household Income



Part III. 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."⁵ 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 11 "Greater Minnesota Age of Collection Sewer Systems" presents the age of collection sewers in Greater Minnesota. As indicated, 34% of sewers in Greater Minnesota are 30 – 50 years old. Correspondingly, 30% 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 they were typically constructed of vitrified clay tiles that are not as durable and do not perform at current standards. Accordingly substantial infiltration, inflow, outflow, obstruction and other performance problems tend to be pervasive. Based on current levels of investment in major sewer rehabilitation and replacement – as documented in WINS surveys received – it appears that there may be a significant gap in Greater Minnesota between the deterioration and the replacement of aged collection sewers.

⁵ Available at the ASCE website: <http://www.asce.org/reportcard/2005/page.cfm?id=35>

Age and Condition of Existing Wastewater Infrastructure

Chart 11: Greater Minnesota - Age of Collection Sewer Systems (679 Facilities surveyed)

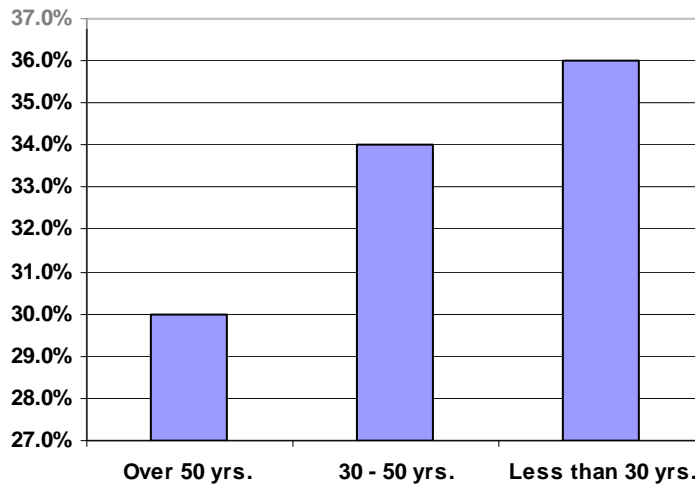
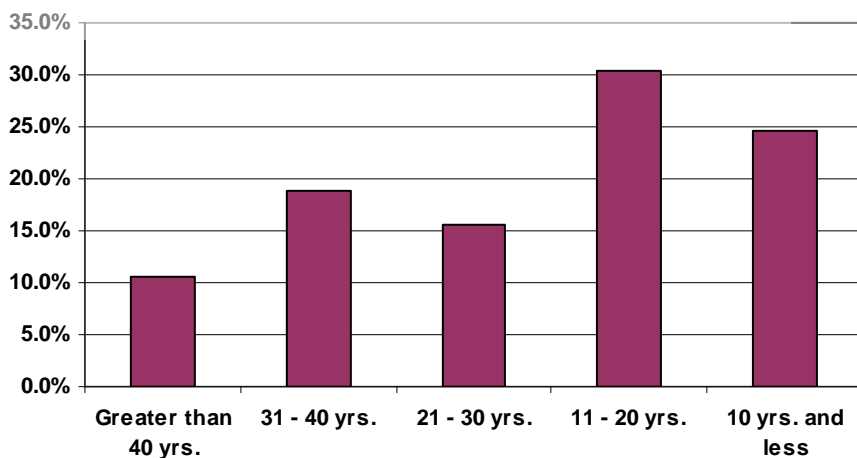


Chart 12 “Greater Minnesota Age of Wastewater Treatment Facilities” indicates the age of treatment facilities in Greater Minnesota.

Chart 12: Greater Minnesota - Age of Wastewater Treatment Facilities (679 Facilities surveyed)



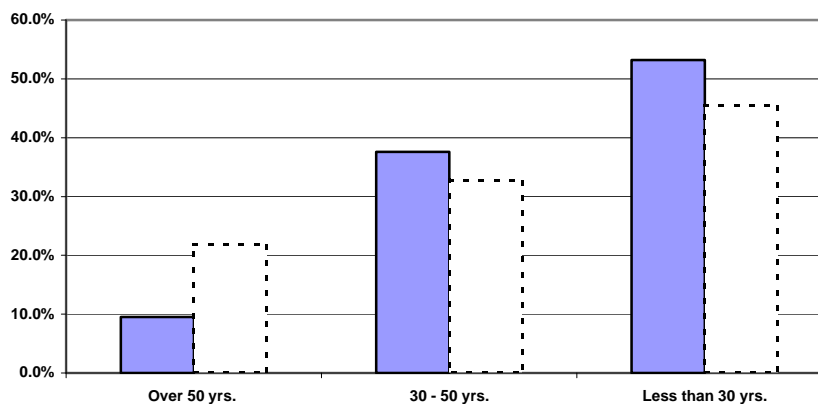
Major structural components of wastewater treatment facilities have an expected useful life of 40 years – dependent in part on operation and maintenance. As these structures deteriorate beyond their useful life effectiveness declines leading to a greater potential for: permit violations, spills and related unintended discharges. While at this point in time, close to 10% of Greater Minnesota’s treatment facilities are over 40 years old, in ten years without reconstruction projects the percentage would reach approximately 30%. This scenario would likely result in significantly increased infrastructure demands and costs.

Age and Condition of Existing Wastewater Infrastructure

In the Twin Cities local communities collect sewage from households, businesses, etc. and then route it to the appropriate MCES interceptors. MCES operates an extensive interceptor system conveying wastewater to its treatment facilities for treatment and discharge. Given the extensive revenue base of MCES, and because the overall MCES system is managed for scheduled rehabilitation and improvements according to an extensive capital improvement plan, deteriorated wastewater infrastructure is generally not a consideration.

Consequently within the Twin Cities Metropolitan Area, local community collection sewers comprise the primary consideration relative to aged and deteriorated wastewater infrastructure. The age of collection sewers in the Twin Cities Metropolitan Area, excluding Minneapolis & St. Paul (MSP), is indicated by Chart 13 “MCES Communities (Excluding MSP) Age of Collection Sewer Systems”

Chart 13: MCES Communities (Excluding MSP) - Age of Collection Sewer Systems (7,752 miles of sewers surveyed)



The blue bars in Chart 13 indicate the age of Twin Cities Metropolitan Area community collection sewer systems with Minneapolis and St. Paul excluded. (The dotted white bars indicate the comparative data when Minneapolis and St. Paul are included.) The justification for excluding Minneapolis and St. Paul is as follows: a) These communities 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 significant investments and the costs being incurred by Minneapolis and St. Paul, these communities have the economies of scale and the established financial resources to complete these projects and are making and planning to continue to make substantial progress in replacing older sewers. Accordingly, in the Twin Cities Metropolitan Area outside of the cities of Minneapolis and St. Paul, 9.5 % of collection sewers (736 miles) were installed 50 or more years ago. These sewers are primarily in first-ring suburbs and the cities of Stillwater and Hastings. While rehabilitating and replacing these aged sewers will be a significant investment, given the generally favorable financial condition and the economies of scale of the communities involved this would seem to be a manageable need.

Part IV. Impaired Waters and TMDLs

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

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

To date, about 40 percent of the waters that have been assessed in Minnesota are impaired by one or more pollutants (this is consistent with the findings of other states). As more data is gathered, the number of polluted water listings has been growing, with another 297 proposed to be added in April, 2008.

This is a serious environmental, economic development and legal issue for Minnesota. The Clean Water Legacy Act (CWLA) was passed in the 2006 Legislative Session and provided one-time funding for monitoring and assessment, TMDL development, and restoration activities. The 2006 legislative session resulted in appropriations totaling approximately \$25 million for critical clean water priorities and the creation of a citizen/state advisory group called the Clean Water Council. In May 2007, the legislature passed \$54 million for continued Clean Water Legacy funding in 2008 and 2009.

In terms of wastewater, the CWLA provided capital bonding funding for the three new point source funding programs. Funding requests outstripped the revenues available. Additionally, bonding funds will be sought in the 2008 Legislative Session through PFA.

Fifteen TMDL studies addressing 95 impairments have been approved by the EPA to date. This is in comparison to the 2006 WINS report that reported five TMDLs addressing 29 Impairments. As more TMDL studies are concluded, emphasis will shift to implementation of point and nonpoint source measures to eliminate impairments. Biennial updates of the *Future Wastewater Infrastructure Needs and Capital Costs* report will assess the fiscal impact of TMDL implementation on the wastewater infrastructure costs of communities. For additional information on impaired waters activities at the MPCA, see the Agency's TMDL web page at www.pca.state.mn.us/water/tmdl.

Part V. Estimating Future Costs

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

The timeframe from when a need is identified and costs are estimated to the completion of construction consists of several phases (described in more detail on page 12):

- 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

Estimating Future Costs

residents, it becomes increasingly feasible for communities and sanitary districts to engage in capital improvement planning for wastewater infrastructure. Smaller communities that are not faced with an immediate need tend to have problems exercising the administrative capabilities and acquiring the resources necessary to survey or plan for infrastructure improvements.

Part V. Appendices to 2008 Future Wastewater Infrastructure Needs and Capital Costs are bound as a separate document available upon request. The *Table of Contents* above (page 1) briefly describes the Appendices. The Report and the Appendices will also be available early 2008 at the MPCA web site:

<http://www.pca.state.mn.us/hot/legislature/reports/2008/index.html>



Appendices to the Report: Future Wastewater Infrastructure Needs and Capital Costs

REPORT TO THE LEGISLATURE

January 2008



Minnesota Pollution Control Agency



Appendices to the Report: Future Wastewater Infrastructure Needs and Capital Costs A Report to the Legislature/January 2008

Table of Contents

Appendix 1

2007 Wastewater Infrastructure Needs Survey (WINS) – Communities Providing Estimates of Future Wastewater Infrastructure Costs (24 pages) *Summarized by Economic Development Regions (EDRs) and counties. A map of Minnesota's EDRs and a table listing counties by EDR is provided on page 11 of the Report*

Appendix 2

2007 Wastewater Infrastructure Needs Survey (WINS) – Descriptions of Individual Community Needs, Projects, Costs and Affordability (160 pages – alphabetical by community) *Project descriptions and notes identify projects listed on the State Fiscal year 2008 Project Priority List (PPL), and projects that are a part of the Twin Cities Metropolitan Council Environmental Services (MCES) service area. Appendix 2 is provided with statewide results, but can also be provided upon request for specific counties and/or Economic Development Regions.*

Appendix 3

Minn. Stat. § 115.03 Subd. 9

Appendix 4

State Fiscal Year 2008 Project Priority List (PPL) (alphabetical and priority order copies) *The PPL is described on page 6 of the Report.*

Appendix 5

Communities Served by Metropolitan Council Environmental Services (MCES) *(alphabetical by community)*

Appendix 6

Survey Responses and Methodological Considerations

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		1
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Kittson	Kennedy 255	0.05
		0.05
Marshall	Stephen 708	2.34
		2.34
Norman	Perley 121	1.12
	Shelly 266	1.20
		2.32
Pennington	St. Hilaire 272	1.91
		1.91
Polk	Crookston 8,192	1.19
	East Grand Forks 7,501	13.55
	Fisher 435	1.15
	Fosston 1,575	2.20
	Mentor 150	1.85
	Nielsville 91	0.47
		20.41
Roseau	Warroad 1,722	4.28
		4.28
Economic Development Region: 1		
Total Estimated Costs to address identified needs:		31.30 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		10
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Fillmore		
	Fountain 343	1.30
	Ostrander 212	0.50
	Peterson 269	0.70
		2.50
Filmore		
	Chatfield 2,394	0.20
		0.20
Freeborn		
	Albert Lea 18,356	0.38
	Manchester 81	1.50
	Myrtle 63	1.30
		3.18
Goodhue		
	Cannon Falls 3,795	5.30
	Kenyon 1,661	0.12
	Pine Island 2,337	7.00
	Red Wing 16,116	10.56
	Wanamingo 1,007	1.00
		23.98
Houston		
	Brownsville 517	1.21
	Caledonia 2,965	4.45
	Hokah 614	0.29
	La Crescent 4,923	0.80
	Spring Grove 1,304	0.31
		7.06

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Mower		
Austin	23,314	18.53
Racine	355	0.52
Rose Creek	354	0.54
Taopi	93	0.52
		20.11
Olmsted		
Eyota	1,644	0.03
Rochester	91,264	62.98
Stewartville	5,411	0.70
		63.71
Rice		
Faribault	20,818	41.13
Lonsdale	1,491	10.50
Northfield	11,798	6.38
		58.01
Steele		
Blooming Prairie	1,933	1.50
Ellendale	590	0.96
Medford	984	1.53
Owatonna	22,434	51.50
		55.49
Wabasha		
Mazeppa	80	1.20
Wabasha	2,599	6.50
Zumbro Falls	177	0.75
		8.45
Winona		
Goodview	3,373	1.81
Lewiston	1,484	2.73

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Stockton	682	3.17
	Winona	27,069	3.83
			11.53
Wright	Clearwater	858	6.08
	Hanover	1,355	10.47
	Rockford	3,484	2.30
			18.85
Economic Development Region: 10			
Total Estimated Costs to address identified needs:			273.06 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		11
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
	MCES - Metro Council 0	2,334.10
		2,334.10
Anoka		
	Andover 26,588	4.55
	Centerville 3,202	0.07
	Coon Rapids 61,607	7.50
	East Bethel 10,941	30.00
	Lino Lakes 16,791	0.40
	Oak Grove 3,957	1.40
	St. Francis 4,910	11.63
		55.55
Carver		
	Carver 1,266	7.79
	Chanhassen 20,321	13.47
	Chaska 17,449	2.20
	Cologne 1,012	2.40
	Hamburg 538	3.63
	Mayer 404	0.64
	New Germany 450	4.50
	Waconia 6,814	4.67
	Watertown 3,029	9.40
		48.69
Dakota		
	Apple Valley 45,527	0.80
	Farmington 12,365	1.94

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Hampton	434	0.65
	Lakeville	43,128	4.84
	Randolph	318	3.72
			11.95
Hennepin			
	Bloomington	85,172	5.86
	Brooklyn Center	29,172	1.72
	Brooklyn Park	67,388	9.70
	Eden Prairie	54,901	0.70
	Edina	47,425	5.37
	Excelsior	2,393	0.35
	Golden Valley	20,281	17.10
	Maple Grove	50,365	0.01
	Maple Plain	2,088	0.79
	Medicine Lake	368	0.50
	Minneapolis	382,618	12.10
	Minnetonka	51,301	11.25
	Minnetrista	4,358	0.06
	Plymouth	65,894	21.64
	Richfield	34,439	0.09
	Rogers	3,588	10.03
	Shorewood	7,400	0.12
	St. Louis Park	44,126	0.94
	Wayzata	4,113	0.95
			99.26
Ramsey			
	Gem Lake	419	0.50
	Maplewood	34,947	2.10

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Roseville	33,690	4.00
	Shoreview	25,924	5.27
	St. Paul	287,151	209.40
			221.27
Scott			
	Belle Plaine	3,789	12.30
	Jordan	3,833	4.45
	New Prague	116	28.54
	Prior Lake	15,917	0.94
	Savage	21,115	4.20
			50.43
Washington			
	Forest Lake	6,798	1.50
	Oakdale	6,903	0.67
	St. Paul Park	5,070	5.80
	Woodbury	46,463	1.49
			9.46

Economic Development Region: 11
Total Estimated Costs to address identified needs: 2,830.70 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		2
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Beltrami		
	Bemidji 11,917	11.57
	Blackduck 696	2.79
	Kelliher 294	0.01
	Northern Township 4,021	7.62
		21.99
Clearwater		
	Bagley 1,235	0.23
	Gonvick 294	0.50
		0.73
Hubbard		
	Akeley 412	3.00
	Laporte 145	0.35
	Park Rapids 991	5.91
		9.26
Lake of the Woods		
	Williams 210	0.20
		0.20
Mahnomen		
	Mahnomen 1,202	2.11
		2.11
Economic Development Region: 2		
Total Estimated Costs to address identified needs:		34.29 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region			3
County	Community/ Population**		Estimated Project Cost(s) <i>(millions)</i>
Aitkin			
	Aitkin	1,984	5.71
	Hill City	479	0.60
	McGrath	74	0.47
			6.78
Carlton			
	Cloquet	11,201	0.94
	Cromwell	143	1.76
	Moose Lake	2,239	5.58
	Scanlon	838	0.87
			9.15
Cook			
	Grand Marais	1,353	0.65
			0.65
Itasca			
	Bigfork	469	3.06
	Bovey	662	0.45
	Bovey (Coleraine-	0	0.29
	Calumet	383	2.24
	Cohasset	2,481	2.00
	Coleraine	1,110	0.60
	Deer River	903	1.48
	Effie	91	1.65
	Grand Rapids	7,764	47.71
	Keewatin	1,164	0.47
	Nashwauk	935	4.00

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

		63.94
Koochiching		
Big Falls	264	1.10
Littlefork	680	0.25
		1.35
Lake		
Beaver Bay	175	1.00
Knife River-Larsmont	0	18.00
		19.00
St. Louis		
Aurora	1,850	4.11
Biwabik	954	5.36
Buhl	983	1.71
Chisholm	4,960	0.40
Cook	622	1.64
Duluth	86,918	47.92
Ely	3,724	3.51
Eveleth	3,865	4.40
Gilbert	1,847	3.10
Hibbing	17,071	3.00
Iron Junction	93	1.00
Meadowlands	111	0.25
Mountain Iron	2,999	0.53
North Shore - Duluth	0	3.30
Proctor	2,852	0.15
Rice Lake Township	0	4.89
Silver Creek Township -	0	5.30
Tower	479	1.41
Virginia	9,157	11.50

* 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 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

WLSSD - Western Lake	0	81.15
		184.63

Economic Development Region: 3
Total Estimated Costs to address identified needs: 285.51 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		4
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Becker		
	Detroit Lakes 7,348	0.96
	Frazee 1,377	1.30
	Lake Park 782	1.97
	Wolf Lake 31	0.94
		5.17
Clay		
	Dilworth 3,001	0.98
	Hawley 1,882	2.50
	Hitterdal 201	0.40
	Moorhead 32,177	17.86
		21.74
Douglas		
	Alexandria Lakes Area 0	5.81
	Brandon 450	1.80
	Garfield 281	1.80
	Miltona 279	2.31
	Osakis 1,567	5.50
		17.22
Grant		
	Ashby 472	0.11
	Barrett 355	0.31
	Elbow Lake 1,275	3.60
	Hoffman 672	1.00
	Pelican Group of Lakes 0	16.95
		21.97
Otter Tail		

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Clitherall	118	1.82
	Dalton	258	0.01
	Deer Creek	328	0.16
	Henning	719	12.20
	New York Mills	3,715	4.40
	Ottertail	451	3.20
	Parkers Prairie	3,276	0.93
	Pelican Rapids	2,374	6.87
	Perham	2,559	2.75
	Underwood	319	3.14
	Urbank	59	1.98
			37.46
Pope			
	Glenwood	2,594	1.00
	Lowry	271	3.70
	Starbuck	1,314	0.30
	Villard Area Lakes	0	6.45
			11.45
Stevens			
	Hancock	717	2.60
	Morris	5,068	0.41
			3.01
Traverse			
	Browns Valley	690	0.07
	Wheaton	1,619	2.55
			2.63
Wilkin			
	Breckenridge	3,559	6.15
	Doran	59	0.35

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Kent	120	0.90
		7.40

Economic Development Region: 4
Total Estimated Costs to address identified needs: 128.04 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		5
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Cass		
	Cass Lake 860	0.93
	Lake Shore 966	1.30
		2.23
Crow Wing		
	Baxter 5,555	0.35
	Brainerd 13,178	27.54
	Breezy Point 979	1.43
	Deerwood 590	0.15
	Nisswa 1,953	8.85
	Pequot Lakes 947	4.75
		43.06
Morrison		
	Royalton 816	3.50
		3.50
Todd		
	Browerville 735	4.84
	Clarissa 609	0.19
	Grey Eagle 335	0.20
	Staples 3,104	2.75
		7.97
Wadena		
	Menahga 1,220	1.51
	Verndale 575	1.89
	Wadena 4,294	16.40
		19.80

* 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 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region: 5

Total Estimated Costs to address identified needs: 76.57 million

Economic Development Region		6E
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Kandiyohi		
	Atwater 1,079	2.50
	Blomkest 186	3.30
	Spicer 1,126	4.16
	Willmar 18,351	101.00
		110.96
McLeod		
	Brownton 807	3.07
	Winsted 2,094	5.11
		8.18
Meeker		
	Dassel 1,233	8.72
	Eden Valley 866	3.08
	Grove City 608	4.28
	Litchfield 6,562	14.30
	Watkins 880	7.10
		37.48
Renville		
	Fairfax 1,295	0.07
	Hector 1,166	0.59
	Renville 1,323	8.71
		9.37

Economic Development Region: 6E

Total Estimated Costs to address identified needs: 165.99 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

County	Economic Development Region		6W
	Community/ Population**		Estimated Project Cost(s) <i>(millions)</i>
Big Stone			
	Barry	25	0.10
	Odessa	113	1.30
	Ortonville	2,158	0.66
			2.05
Chippewa			
	Clara City	1,393	0.50
	Montevideo	5,346	15.00
	Watson	209	2.50
			18.00
Lac qui Parle			
	Bellingham	205	0.20
			0.20
Swift			
	Benson	3,376	0.05
			0.05
Yellow Medicine			
	Canby	1,903	15.50
	Granite Falls	3,070	1.58
			17.08
Economic Development Region: 6W			
Total Estimated Costs to address identified needs:			37.38 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		7E
County	Community/ Population**	Estimated Project Cost(s) (millions)
Chisago	Wyoming 3,048	6.34
		6.34
Isanti	Cambridge 5,520	17.35
		17.35
Kanabec	Mora 3,193	1.55
	Ogilvie 474	3.50
	Quamba 98	1.46
		6.51
Mille Lacs	Milaca 2,580	13.14
	Princeton 3,933	22.75
		35.89
Pine	Askov 368	4.50
	Bruno 102	1.44
	Hinckley 1,291	0.19
	Pine City 3,043	30.00
	Rutledge 196	1.29
	Sandstone 1,549	0.05
		37.47
Economic Development Region: 7E		
Total Estimated Costs to address identified needs:		103.55 million

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** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		7W
County	Community/ Population**	Estimated Project Cost(s) (millions)
Benton	Foley	2,154 25.03
	Gilman	215 0.00
	Sauk Rapids	10,213 0.58
		25.61
Sherburne	Big Lake	6,063 20.03
	Clear Lake	266 0.36
	Elk River	16,447 4.30
	Zimmerman	2,851 4.50
		29.19
Stearns	Avon	1,242 0.10
	Brooten	649 2.82
	Cold Spring	2,975 36.66
	Freeport	454 0.10
	Melrose	3,091 0.40
	New Munich	4,559 0.40
	Paynesville	2,267 3.93
	Sartell	9,641 22.41
	Sauk Centre	3,930 9.94
	St. Cloud	59,107 55.86
	St. Martin	278 1.50
	St. Stephen	860 9.52
	Waite Park	6,568 6.90
		150.54

* 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 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Wright

Albertville	3,621	1.37
Annandale	2,684	9.97
Buffalo	10,097	25.00
Delano	3,837	0.75
Howard Lake	1,853	9.49
Maple Lake	1,633	6.37
Monticello	7,868	18.40
Montrose	1,143	9.15
St. Michael	9,099	24.42
		104.91

Economic Development Region: 7W

Total Estimated Costs to address identified needs: 310.25 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region			8
County	Community/ Population**		Estimated Project Cost(s) <i>(millions)</i>
Cottonwood			
	Windom	4,490	0.50
			0.50
Jackson			
	Jackson	3,501	0.25
	Lakefield	1,721	0.41
			0.66
Lincoln			
	Hendricks	725	0.29
	Ivanhoe	679	0.30
	Lake Benton	703	4.92
			5.50
Lyon			
	Balaton	637	1.03
	Cottonwood	1,148	0.86
	Marshall	12,778	0.50
	Minneota	1,449	0.30
	Russell	371	0.10
	Tracy	2,268	5.25
			8.04
Murray			
	Hadley	81	1.15
	Slayton	2,072	0.15
			1.30
Nobles			
	Bigelow	231	2.60
	Dundee	102	0.84

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Ellsworth	540	0.56
	Worthington	11,283	3.15
			7.16
Pipestone	Ihlen	107	0.31
	Pipestone	4,280	7.82
			8.14
Redwood	Milroy	271	0.50
	Morgan	903	0.81
	Redwood Falls	5,459	8.19
	Seaforth	77	1.80
			11.30
Rock	Luverne	4,617	4.15
	Steen	182	0.29
			4.44
Economic Development Region: 8			
Total Estimated Costs to address identified needs:			47.03 million

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region		9
County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Blue Earth		
	Amboy 575	0.03
	Lake Crystal 2,420	0.73
	Madison Lake 837	2.08
	Mankato 32,427	4.23
		7.07
Brown		
	Sleepy Eye 3,515	1.05
		1.05
Fairbault		
	Minnesota Lake 681	2.12
		2.12
Faribault		
	Blue Earth 3,621	3.37
	Bricelyn 379	1.13
	Elmore 735	0.79
	Walters 88	1.90
	Winnebago 1,487	0.60
		7.79
Le Sueur		
	Kilkenny 148	0.05
	Le Sueur 3,922	14.15
	Montgomery 2,794	1.00
		15.21
Martin		
	Dunnell 197	1.30
	Fairmont 10,889	2.48

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

** Population from 2000 Census.

Appendix 1: 2007 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Sherburn	1,082	0.49
			4.26
Nicolett	Essig	0	0.81
			0.81
Nicollet	Lafayette	529	0.82
	North Mankato	3,883	6.80
			7.62
Sibley	Arlington	2,048	6.40
	Gaylord	2,279	0.40
	Henderson	910	3.28
			10.08
Waseca	New Richland	1,359	0.25
	Waseca	8,493	6.60
			6.85
Watsonwan	Butterfield	564	2.01
	La Salle	90	1.66
	Lewisville	274	1.79
	Madelia	2,340	1.00
	Ormsby	154	1.80
	St. James	4,695	2.00
			10.26
Economic Development Region: 9			
Total Estimated Costs to address identified needs:			73.12 million

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

** Population from 2000 Census.

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Aitkin	COUNTY: Aitkin	POPULATION*:	1,984	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,574
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Hwy 210 Sanitary sewer Rehabilitation	0.15		Sewer System Project		
4th Street NE Sanitary Sewer Rehabilitation	0.2		Sewer System Project		
Block 22 Storm Sewer	0.03		Sewer System Project		
2nd Ave SW Sewer/water	1.433		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>	
1.813	\$139,376		\$140.63	0.572%	
--- 5 - 10 yr. ---					
Highways 169 & 210 Sewer Rehabilitation	0.485		Sewer System Project		
Sanitary Sewer Reconstruction	0.95		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.435	\$110,317		\$111.31	0.453%	
--- 10 - 20 yr. ---					
Sanitary Sewer Improvements	2.175		Sewer System Project		
Industrial Park/NE Sewer Improvements (County 54)	0.29		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.465	\$189,499		\$191.20	0.778%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Aitkin</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>5.713 (million)</i>	

Akeley	COUNTY: Hubbard	POPULATION*:	412	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,719
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Waste Water Expansion and Rehabilitation	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>	
3	\$230,628		\$1,159.58	4.340%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Akeley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)

Albert Lea COUNTY: Freeborn POPULATION*: 18,356 MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,500

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Project No. 0301 0.383 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.383	\$29,444	\$3.40	0.008%

Overall cost of projects identified as of January 1, 2008 by the community of Albert Lea as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.383 (million)

Albertville COUNTY: Wright POPULATION*: 3,621 MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,260

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Prairie Run Sanitary Sewer Extension 0.07 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.07	\$5,381	\$3.76	0.006%

--- 10 - 20 yr. ---

Sanitary Sewer Extensions 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>
1.3	\$99,939	\$69.89	0.120%

Overall cost of projects identified as of January 1, 2008 by the community of Albertville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.37 (million)

Alborn Township COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Alborn Township	1.0042	SFY 2008 PPL Unsewered Area Project / Rank: 164
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
1.0042	\$77,199	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Alborn Township</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>1.0042 (million)</i>

Alexandria Lakes Area

COUNTY: Douglas **POPULATION*:** 0 **MEDIAN HOUSEHOLD INCOME (MHI)*:**

\$0

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Sewer extensions to unsewered areas	5.8111	SFY 2008 PPL Sewer System Project / Rank: 197
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
5.8111	\$446,734	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Alexandria Lakes Area Service Region</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>5.8111 (million)</i>

Amboy

COUNTY: Blue Earth **POPULATION*:** 575 **MEDIAN HOUSEHOLD INCOME (MHI)*:** \$35,595

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Collection system repair	0.03	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
0.03	\$2,306	\$8.58 0.024%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Amboy</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>0.03 (million)</i>

Andover

******** **COUNTY:** Anoka **POPULATION*:** 26,588 **MEDIAN HOUSEHOLD INCOME (MHI)*:** \$76,241

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Yellow Pine lift station

0.65

Sewer System Project

Crosstown Boulevard Trunk sewer line

0.4

Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.05	\$80,720	\$8.96	0.012%

--- 5 - 10 yr. ---

Rural Reserve Trunk Sanitary Sewer

3.5

Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.5	\$269,066	\$29.87	0.039%

Overall cost of projects identified as of January 1, 2008 by the community of Andover

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.55 (million)

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

Annandale

COUNTY: Wright

POPULATION*: 2,684

MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,929

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Annandale/Maple Lake - Rehab/expand existing

9.9704

Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
9.9704	\$766,484	\$628.27	1.656%

Overall cost of projects identified as of January 1, 2008 by the community of Annandale

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.9704 (million)

Apple Valley

COUNTY: Dakota

POPULATION*: 45,527

MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,752

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sanitary Lift Station #1 Replacement

0.8

Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.8	\$61,501	\$1.62	0.002%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Apple Valley**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.8 (million)**
 **** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Apple Valley

Arlington COUNTY: Sibley POPULATION*: 2,048 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,632

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- 5 - 10 yr. ---

Arlington wastewater treatment facility improvements 6.4 SFY 2008 PPL Treatment Facilities Project / Rank: 52
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 6.4 \$492,006 \$534.79 1.421%

Overall cost of projects identified as of January 1, 2008 by the community of **Arlington**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **6.4 (million)**

Ashby COUNTY: Grant POPULATION*: 472 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,333

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- Current ---

Sanitary Sewer System Repairs 0.105 Sewer System Project
Subtotal of Cost Estimates (millions) *Project Annual Debt Service*** *Annual 20 yr. Household Cost**** *Annual Household Cost as % MHI*
 0.105 \$8,072 \$39.27 0.139%

Overall cost of projects identified as of January 1, 2008 by the community of **Ashby**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.105 (million)**

Askov COUNTY: Pine POPULATION*: 368 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,472

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- Current ---

Wastewater treatment project facility plan 2 SFY 2008 PPL Sewer System Project / Rank: 65
 Wastewater treatment project facility plan 2.5 SFY 2008 PPL Treatment Facilities Project / Rank:

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
4.5	\$345,942	\$1,886.96	6.627%

Overall cost of projects identified as of January 1, 2008 by the community of Askov as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)

Atwater	COUNTY: Kandiyohi	POPULATION*: 1,079	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,265
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- 5 - 10 yr. ---

4th Street South	1.25	Sewer System Project
Rehab part of sewer system	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>
2.5	\$192,190	\$375.21	0.956%

Overall cost of projects identified as of January 1, 2008 by the community of Atwater as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.5 (million)

Aurora	COUNTY: St. Louis	POPULATION*: 1,850	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,094
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Aurora - Rehabilitation of Treatment Plant	4.113	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>
4.113	\$316,191	\$350.46	1.092%

Overall cost of projects identified as of January 1, 2008 by the community of Aurora as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.113 (million)

Austin	COUNTY: Mower	POPULATION*: 23,314	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,750
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Phosphorus reduction	1	SFY 2008 PPL Treatment Facilities Project / Rank:	105
Admin and Laboratory Improvements	0.5	SFY 2008 PPL Treatment Facilities Project / Rank:	105
High Rate Filters	3.5	SFY 2008 PPL Treatment Facilities Project / Rank:	105
North main lift station	0.2	Sewer System Project	
Digester Upgrades - Industrial	4	Wastewater Treatment Facilities Project	
Lansing sewer project	1.5	Sewer System Project	
Dobbins Creek	0.15	Sewer System Project	
Digester Upgrades - Domestic	2	Wastewater Treatment Facilities Project	
Force main replacement - Hope Street	0.75	Sewer System Project	
Upgrade instrumentation	0.75	Wastewater Treatment Facilities Project	
Cook Farm Sanitary Sewer	0.15	Sewer System Project	
2012 CIP	0.575	Sewer System Project	
2011 CIP	0.75	Sewer System Project	
2010 CIP	0.9	Sewer System Project	
2009 CIP	1.7	Sewer System Project	
Street project	0.1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
18.525	\$1,424,128	\$129.51	0.384%
Overall cost of projects identified as of January 1, 2008 by the community of Austin			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			18.525 (million)

Avon	COUNTY: Stearns	POPULATION*: 1,242	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,721
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Rehab 3 Lift station	0.1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.1	\$7,688	\$14.72	0.031%
Overall cost of projects identified as of January 1, 2008 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)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

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

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Relining Sewers 0.23 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.23	\$17,681	\$28.78	0.124%

Overall cost of projects identified as of January 1, 2008 by the community of Bagley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.23 (million)

Balaton COUNTY: Lyon POPULATION*: 637 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,442

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

EDA Golf Course and Subdivision 0.301 Sewer System Project

Rehab of main lift station 0.1 Sewer System Project

East Side Rehabilitation 0.63 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.031	\$79,259	\$258.45	0.709%

Overall cost of projects identified as of January 1, 2008 by the community of Balaton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.031 (million)

Barrett COUNTY: Grant POPULATION*: 355 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Barrett 0.31 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.31	\$23,832	\$151.05	0.525%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Barrett** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.31 (million)*

Barry COUNTY: Big Stone POPULATION*: 25 MEDIAN HOUSEHOLD INCOME (MHI)*: \$18,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

	0.1		SFY 2008 PPL Unsewered Area Project / Rank: 59
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$576.57	3.159%

*Overall cost of projects identified as of January 1, 2008 by the community of **Barry** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)*

Baxter COUNTY: Crow Wing POPULATION*: 5,555 MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,289

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

2006 Kirkwood /Birch Dr/Woida Rd Improvement	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	\$26,907	\$12.61	0.024%

*Overall cost of projects identified as of January 1, 2008 by the community of **Baxter** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)*

Beaver Bay COUNTY: Lake POPULATION*: 175 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,000

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Existing system rehabilitation	1		SFY 2008 PPL Treatment Facilities 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>
1	\$76,876	\$743.96	2.480%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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*Overall cost of projects identified as of January 1, 2008 by the community of **Beaver Bay** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)*

Belle Plaine COUNTY: Scott POPULATION*: 3,789 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,272

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
South Ravine Interceptor Sewer	1.8	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
1.8	\$138,377	\$89.21 0.177%
--- 5 - 10 yr. ---		
Wastewater Treatment Plant Expansion	8	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
8	\$615,008	\$396.50 0.789%
--- 10 - 20 yr. ---		
Robert's Creek Interceptor Sewer	2.5	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
2.5	\$192,190	\$123.90 0.246%

*Overall cost of projects identified as of January 1, 2008 by the community of **Belle Plaine** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12.3 (million)*

Bellingham COUNTY: Lac qui Parle POPULATION*: 205 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,083

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Dredgings & Reprapping	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*** Annual Household Cost as % MHI</i>
0.15	\$11,531	\$111.59 0.412%
--- 5 - 10 yr. ---		
Lift Station Rehab	0.05	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.05	\$3,844	\$37.20	0.137%

*Overall cost of projects identified as of January 1, 2008 by the community of **Bellingham** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2 (million)*

Bemidji	COUNTY: Beltrami	POPULATION*: 11,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,072
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Disinfection (U.V.)	0.5	Wastewater Treatment Facilities Project	
Birchmont Drive Extension	4.6	Sewer System Project	
Upgrade Odor Control	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>
5.2	\$399,755	\$77.06	0.274%
--- 5 - 10 yr. ---			
Primary Digester	1	Wastewater Treatment Facilities Project	
Sludge Storage Tank with mixer	3		
Bar Screen	0.165	Wastewater Treatment Facilities Project	
DAF Thickening	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>
4.365	\$335,564	\$64.68	0.230%
--- 10 - 20 yr. ---			
On-going Sanitary Sewer Rehab	2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2	\$153,752	\$29.64	0.106%

*Overall cost of projects identified as of January 1, 2008 by the community of **Bemidji** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.565 (million)*

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Benson	COUNTY: Swift	POPULATION*:	3,376	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,234
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
I & I Benson Minnesota	0.05		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>	
0.05	\$3,844		\$2.38	0.007%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Benson</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.05 (million)</i>

Big Falls	COUNTY: Koochiching	POPULATION*:	264	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,458
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Phase II - Sanitary Sewer Reconstruction	1.1		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>	
1.1	\$84,564		\$567.96	2.147%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Big Falls</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>			

Big Lake	COUNTY: Sherburne	POPULATION*: 6,063	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,658
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
TH25 & CR14 Utility Extension	1.8	Sewer System Project	
Treatment Plant Expansion, Biosolids, Oxidation	18.225	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*** Annual Household Cost as % MHI</i>
20.025	\$1,539,442		\$654.46 1.292%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Big Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 20.025 (million)

Big Lake Area Sanitary	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Facility Plan	7.984	SFY 2008 PPL Treatment Facilities Project / Rank: 128
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
7.984	\$613,778	

Overall cost of projects identified as of January 1, 2008 by the community of Big Lake Area Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.984 (million)

Bigelow	COUNTY: Nobles	POPULATION*:	231 MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,750
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Bigelow	2.6	SFY 2008 PPL Unsewered Area Project / Rank: 19
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
2.6	\$199,878	\$2,067.70 6.314%

Overall cost of projects identified as of January 1, 2008 by the community of Bigelow as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.6 (million)

Bigfork	COUNTY: Itasca	POPULATION*:	469 MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,167
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Bigfork	1.55	SFY 2008 PPL Treatment Facilities Project / Rank: 198
Treatment Pond Improvement	1.5	Wastewater Treatment Facilities Project
Ottum Ave I/I	0.006	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.056	\$234,933	\$1,016.54	4.206%

Overall cost of projects identified as of January 1, 2008 by the community of Bigfork as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.056 (million)

Birchwood	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
2008 Sanitary Sewere Reahbilitation		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>
0.41	\$31,519		

Overall cost of projects identified as of January 1, 2008 by the community of Birchwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.41 (million)

Biwabik	COUNTY: St. Louis	POPULATION*:	954 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,359
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Pond Expansion - 1 Primary, 1 Secondary		5.364	SFY 2008 PPL Treatment Facilities 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>
5.364	\$412,363	\$817.46	2.883%

Overall cost of projects identified as of January 1, 2008 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)

Blackduck	COUNTY: Beltrami	POPULATION*:	696 MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,848
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Rehab. Collection / Expand Ponds & Land App. Site		2.7906	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
2.7906	\$214,530	\$635.12	2.907%

Overall cost of projects identified as of January 1, 2008 by the community of Blackduck as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.7906 (million)

Blomkest COUNTY: Kandiyohi POPULATION*: 186 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,583

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- 10 - 20 yr. ---

Addendum No. 1 to city of Blomkest and Svea 3.3 SFY 2008 PPL Sewer System Project / Rank: 5

<i>Subtotal of 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	\$253,691	\$3,459.42	10.003

Overall cost of projects identified as of January 1, 2008 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*: 1,933 MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,345

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Third Street utility and street 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>
1.5	\$115,314	\$138.75	0.344%

Overall cost of projects identified as of January 1, 2008 by the community of Blooming Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)

Bloomington ***** COUNTY: Hennepin POPULATION*: 85,172 MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,628

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Sewer Mainline upgrades - 5 year CIP 2.36 Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

Blue Earth COUNTY: Faribault POPULATION*: 3,621 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,940

Bovey COUNTY: **Itasca** POPULATION*: **662** MEDIAN HOUSEHOLD INCOME (MHI)*: **\$25,662**

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Appendix 2: 2007 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>
0.45	\$34,594	\$103.10	0.402%

Overall cost of projects identified as of January 1, 2008 by the community of Bovey as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.45 (million)

Bovey (Coleraine- COUNTY: Itasca POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- 10 - 20 yr. ---		
Temporary Biosolids Storage Building	0.29	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>
0.29	\$22,294		

Overall cost of projects identified as of January 1, 2008 by the community of Bovey (Coleraine-Taconite Joint WWTF) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.29 (million)

Brainerd COUNTY: Crow Wing POPULATION*: 13,178 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,901

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
TH 210 Norhteast Utility extension	1.54	Sewer System Project
Wastewater Treatment Facilities Plan	26	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>
27.54	\$2,117,165	\$338.87	1.260%

Overall cost of projects identified as of January 1, 2008 by the community of Brainerd as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 27.54 (million)

Brandon COUNTY: Douglas POPULATION*: 450 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- 10 - 20 yr. ---		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Collection System Replacement	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	\$138,377	\$665.98	2.316%
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Brandon</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.8 (million)</i>

Breckenridge COUNTY: Wilkin POPULATION*: 3,559 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,054

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
wastewater treatment facility upgrades	1.949	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.949	\$149,831	\$93.77	0.253%
--- 5 - 10 yr. ---			
Sanitary Sewer Rehabilitation	4.2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.2	\$322,879	\$202.08	0.545%
Overall cost of projects identified as of January 1, 2008 by the community of		Breckenridge	
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		6.149 (million)	

Breezy Point COUNTY: Crow Wing POPULATION*: 979 MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,000

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
Sienna Golf course Ext.	0.585	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.585	\$44,972	\$98.00	0.223%	
--- 5 - 10 yr. ---				
Timberlane Point Extension	0.7	Sewer System Project		
Golf Woods	0.075	Sewer System Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Aspen and Birch Lane	0.065	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.84	\$64,576	\$140.72	0.320%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Breezy Point as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.425 (million)</i>

Breitung Township	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
Breitung Township	0.59	Sewer System Project	
<i>Subtotal of Cost 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	\$45,357		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Breitung Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.59 (million)</i>

Bricelyn	COUNTY: Faribault	POPULATION*:	379	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,375
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank			
--- Current ---					
BM 1 Project No. M21.33114	0.1239	Sewer System Project			
I/I/correction	0.882	Sewer System Project			
Bricelyn	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>		
1.1259	\$86,555	\$428.02	1.457%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Bricelyn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.1259 (million)</i>

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Brooklyn Center **** **COUNTY: Hennepin** **POPULATION*: 29,172** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,570**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Maranatha area neighborhood street and utility	0.847	Sewer System Project
Lift station No. 2 Force main improvements	0.425	Sewer System Project
Emergency by-pass for lift station no. 6	0.1	Sewer System Project
Aldrich area neighborhood street and utility	0.245	Sewer System Project
Xerxes Avenue and Northway Drive street and utility	0.1	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1.717	\$131,996	\$10.39
Overall cost of projects identified as of January 1, 2008 by the community of Brooklyn Center		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.717 (million)		
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Brooklyn Center		

Brooklyn Park **** **COUNTY: Hennepin** **POPULATION*: 67,388** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,572**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- 5 - 10 yr. ---				
Growth area 2013-2018	1.5	Sewer System Project		
General Rehab 2013-2018	0.75	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.25	\$172,971	\$6.37	0.011%	
--- 10 - 20 yr. ---				
General Rehab 2019-2029	1.75	Sewer System Project		
2018-2038 Replacement of water metering system	3.2	Sewer System Project		
Final Growth Area 2019-2039 Build-Out	2.5	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
7.45	\$572,726	\$21.10	0.037%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Brooklyn Park** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.7 (million)*
 **** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Brooklyn Park

Brooten COUNTY: Stearns POPULATION*: 649 MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,625

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Wastewater Improvement Project	2.5	SFY 2008 PPL Treatment Facilities Project / Rank: 113
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
2.5	\$192,190	\$622.20
		1.747%
--- 5 - 10 yr. ---		
Industrial Park Improvements	0.323	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.323	\$24,831	\$80.39
		0.226%

*Overall cost of projects identified as of January 1, 2008 by the community of **Brooten** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.823 (million)*

Browerville COUNTY: Todd POPULATION*: 735 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,250

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Wastewater Treatment Facility	4.144	SFY 2008 PPL Treatment Facilities Project / Rank: 137
Wastewater/Water improvements 2008	0.15	Sewer System Project
Wastewater/Water improvements 2010	0.55	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
4.844	\$372,387	\$1,053.93
		4.015%

*Overall cost of projects identified as of January 1, 2008 by the community of **Browerville** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.844 (million)*

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Browns Valley COUNTY: Traverse POPULATION*: 690 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,563

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Lift Station #2 Repairs First and Possible Others 0.074 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.074	\$5,689	\$17.96	0.068%

Overall cost of projects identified as of January 1, 2008 by the community of Browns Valley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.074 (million)

Brownsville COUNTY: Houston POPULATION*: 517 MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Brownsville 1.21 SFY 2008 PPL Treatment Facilities Project / Rank: 149

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.21	\$93,020	\$387.58	0.838%

Overall cost of projects identified as of January 1, 2008 by the community of Brownsville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.21 (million)

Brownton COUNTY: McLeod POPULATION*: 807 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,932

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

WWTP Expansion 2 SFY 2008 PPL Treatment Facilities Project / Rank: 90

Rehabilitation and Upgrading Existing Wastewater 0.5 Wastewater Treatment Facilities Project

First Avenue Lift Station Enlargement 0.01 Sewer System Project

Northwest Sanitary Sewer Extension 0.1 Sewer System Project

Sanitary Sewer Replacement: 4th Ave. N and 4th 0.1 Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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Appendix 2: 2007 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>
2.71	\$208,334	\$599.04	1.622%
--- 10 - 20 yr. ---			
West Sanitary Sewer Extension	0.364	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.364	\$27,983	\$80.46	0.218%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Brownton</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3.074 (million)

Bruno	COUNTY: Pine	POPULATION*:	102	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,125
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Unsewered Area/Pressure Sewers & Sand Filter		1.44	SFY 2008 PPL Unsewered Area Project / Rank: 90		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.44	\$110,701	\$2,264.35	8.051%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Bruno</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>1.44 (million)</i>			

Buffalo	COUNTY: Wright	POPULATION*: 10,097	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,573
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Capital Improvement Plan	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>
25	\$1,921,900	\$467.24	0.943%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Buffalo</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			25 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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Alphabetical by Name of Community

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

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Advance Treatment 0.855

Rehab. Collection System 0.855

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

Overall cost of projects identified as of January 1, 2008 by the community of Buhl
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.71 (million)

Butterfield COUNTY: Watonwan POPULATION*: 564 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,904

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab/Expand Existing System 2.005 SFY 2008 PPL Treatment Facilities Project / Rank: 94

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.005	\$154,136	\$597.94	2.000%

Overall cost of projects identified as of January 1, 2008 by the community of Butterfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.005 (million)

Caledonia COUNTY: Houston POPULATION*: 2,965 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,455

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Sanitary Sewer System Rehabilitation 1.7 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.7	\$130,689	\$96.17	0.296%

--- 10 - 20 yr. ---

WWTP Rehabilitation and Upgrade 2.75 Wastewater Treatment Facilities Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.75	\$211,409	\$155.57	0.479%

Overall cost of projects identified as of January 1, 2008 by the community of Caledonia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.45 (million)

Calumet	COUNTY: Itasca	POPULATION*: 383	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,250
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

SE Area Utility Extensions

0.42

Sewer System Project

Lift stations rehabilitation

0.002

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.422	\$32,442	\$180.23	0.810%

--- 5 - 10 yr. ---

Sanitary Sewer Reconstruction

0.493

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.493	\$37,900	\$210.55	0.946%

--- 10 - 20 yr. ---

Sanitary Sewer Reconstruction

1.321

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.321	\$101,553	\$564.18	2.536%

Overall cost of projects identified as of January 1, 2008 by the community of Calumet as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.236 (million)

Cambridge	COUNTY: Isanti	POPULATION*: 5,520	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,313
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

2010 Street Improvements

0.344

Sewer System Project

2009 Street Improvements

0.191

Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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2011 Flanders Street	0.153	Sewer System Project		
Biosolids Storage and Digestion	5	Wastewater Treatment Facilities Project		
2011 Street Improvements	0.183	Sewer System Project		
2009 North Flanders Street	0.112	Sewer System Project		
2009 North Garfield Street	0.128	Sewer System Project		
2011 North Main Street Trunk Utilities	1.948	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
8.059	\$619,544	\$249.26	0.706%	
--- 5 - 10 yr. ---				
2014 Street Improvements	0.221	Sewer System Project		
2016 Paul's Lake Trunk Utilities	2.066	Sewer System Project		
Expansion, Third Oxidation Ditch Clarifier, Effluent	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>	
9.287	\$713,947	\$287.24	0.813%	
Overall cost of projects identified as of January 1, 2008 by the community of Cambridge				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			17.346 (million)	

Canby COUNTY: Yellow POPULATION*: 1,903 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,533

Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---				
Overall Improvements		14	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
14	\$1,076,264	\$1,150.40	4.178%	
--- 5 - 10 yr. ---				
Sewer rehab		1.5	SFY 2008 PPL Sewer System Project / Rank: 139	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.5	\$115,314	\$123.26	0.448%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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*Overall cost of projects identified as of January 1, 2008 by the community of Canby
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 15.5 (million)*

Cannon Falls COUNTY: Goodhue POPULATION*: 3,795 MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,721

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Park Street Liftstation

0.3

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$13.39	0.033%

--- 10 - 20 yr. ---

Addition of Oxidation Ditch and Clarifier & Tertiary

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	\$384,380	\$223.19	0.548%

*Overall cost of projects identified as of January 1, 2008 by the community of Cannon Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.3 (million)*

Canosia & Grand Lake COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Canosia & Grand Lake Townships - Caribou Lake (St.

5

SFY 2008 PPL Unsewered Area Project / Rank: 81

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5	\$384,380		

*Overall cost of projects identified as of January 1, 2008 by the community of Canosia & Grand Lake Townships
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5 (million)*

Carver COUNTY: Carver POPULATION*: 1,266 MEDIAN HOUSEHOLD INCOME (MHI)*: \$65,083

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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--- Current ---

Connect To Met Council System	1.3	Sewer System Project	
Abandon Main Street LiftStation And Replace Sanitary	0.56	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.86	\$142,989	\$280.98	0.432%

--- 5 - 10 yr. ---

Comprehensive sanitary sewer lines and lift station	5.93	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.93	\$455,875	\$895.82	1.376%

Overall cost of projects identified as of January 1, 2008 by the community of Carver as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.79 (million)

Cass Lake

COUNTY: Cass POPULATION*: 860 MEDIAN HOUSEHOLD INCOME (MHI)*: \$20,583

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Sewer Rehabilitation	0.9311	SFY 2008 PPL Sewer System Project / Rank: 78	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.9311	\$71,579	\$194.63	0.946%

Overall cost of projects identified as of January 1, 2008 by the community of Cass Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9311 (million)

Centerville

****** COUNTY: Anoka POPULATION*: 3,202 MEDIAN HOUSEHOLD INCOME (MHI)*: \$63,696**

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

LS #1 Forcemain replacement	0.07	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.07	\$5,381	\$4.50	0.007%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Centerville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.07 (million)
 **** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Centerville

Chanhassen ** COUNTY: Carver POPULATION*: 20,321 MEDIAN HOUSEHOLD INCOME (MHI)*: \$84,215**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
Sanitary Lift station rehabilitation program	0.21	Sewer System Project		
Sanitary Sewer Rehab. & Replacement	0.5	Sewer System Project		
Dell road/77th street forcemain replacement	0.125	Sewer System Project		
LB-5 Sanitary Sewer Extension (North)	0.976	Sewer System Project		
2010 MUSA Sanitary Lift Station	1.5	Sewer System Project		
BC-9 Sanitary Sewer Extension	0.77	Sewer System Project		
Subtotal of Cost Estimates (millions)	4.081	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
		\$313,731	\$40.84	0.048%
--- 5 - 10 yr. ---				
LB-3 Sanitary sewer extension	1.735	Sewer System Project		
Sanitary Sewer Rehab. & Replacement	0.33	Sewer System Project		
LB-5 Sanitary Sewer Extension (South)	0.52	Sewer System Project		
This one is combined with other worksheet	0.5	Sewer System Project		
Subtotal of Cost Estimates (millions)	3.085	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
		\$237,162	\$30.87	0.037%
--- 10 - 20 yr. ---				
LB-1 Sanitary Sewer Extensin	4.05	Sewer System Project		
This one is combined with other worksheet	0.75	Sewer System Project		
Now part of LB-1 Sanitary Sewer Extension	1.5	Sewer System Project		
Subtotal of Cost Estimates (millions)	6.3	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
		\$484,319	\$63.04	0.075%

Overall cost of projects identified as of January 1, 2008 by the community of Chanhassen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.466 (million)
 **** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Chanhassen

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Chaska **** COUNTY: Carver POPULATION*: 17,449 MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,325

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Pavement management plan

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

\$169,127

\$24.94

0.041%

Overall cost of projects identified as of January 1, 2008 by the community of Chaska as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.2 (million)

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

Chatfield COUNTY: Filmore POPULATION*: 2,394 MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,023

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Inflow & Infiltration

0.2

Sewer System Project

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

0.2

\$15,375

\$14.88

0.034%

Overall cost of projects identified as of January 1, 2008 by the community of Chatfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2 (million)

Chisholm COUNTY: St. Louis POPULATION*: 4,960 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,472

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Replace digester cover

0.4

SFY 2008 PPL Treatment Facilities Project / Rank: 153

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

0.4

\$30,750

\$12.71

0.045%

Overall cost of projects identified as of January 1, 2008 by the community of Chisholm as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Clara City	COUNTY: Chippewa	POPULATION*:	1,393	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,306
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Northend Sewer Project	0.5		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438		\$58.54	0.171%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Clara City</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>

Clarissa	COUNTY: Todd	POPULATION*:	609	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,125
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
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	\$14,222		\$50.00	0.199%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Clarissa</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.185 (million)

Clear Lake	COUNTY: Sherburne	POPULATION*:	266	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,625
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Clear Lake / Clearwater Expand Existing System	0.36				
<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>	
0.36	\$27,675		\$244.19	0.601%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Clear Lake</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.36 (million)</i>

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Clearwater	COUNTY: Wright	POPULATION*:	858	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,696
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Clear Lake / Clearwater	4.92				
Clear Lake / Clearwater Expand Existing System	1.164				
<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>	
6.084	\$467,714		\$1,287.29	3.087%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Clearwater</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					6.084 (million)

Clearwater SSD	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:		
Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---					
Clearwater SSD - Shevlin/Solway/Leonard		2.682			
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
2.682	\$206,181				
Overall cost of projects identified as of January 1, 2008 by the community of			Clearwater SSD		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			2.682 (million)		

Clitherall	COUNTY: Otter Tail	POPULATION*:	118	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,667
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Clitherall	1.818				
<i>Subtotal of Cost Estimates</i>	<i>(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		\$139,761		\$2,466.36	9.249%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Clitherall as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.818 (million)

Cloquet	COUNTY: Carlton	POPULATION*: 11,201	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,675
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Skyline Boulevard Reconstruction	0.025	Sewer System Project
Selmsier Avenue Reconstruction - Highway 33 to 10th	0.165	Sewer System Project
Sanitary Sewer Lining	0.15	Sewer System Project
18th Street Reconstruction - Washington Avenue to	0.144	Sewer System Project
Doddridge Avenue/Highway 33 Intersection	0.05	Sewer System Project
Annual I/I Reduction Improvement Program	0.25	Sewer System Project
Carlton Avenue Reconstruction - 7th Street to	0.1575	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.9415	\$72,379	\$14.05	0.039%

Overall cost of projects identified as of January 1, 2008 by the community of Cloquet as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9415 (million)

CLRSD	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

CLRSD Phase 1 - LaGrand/Moe Townships	9.942
CLRSD Phase 2 - Brandon Township	7
CLRSD Phase 3 - Miliona Township	25.8

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
42.742	\$3,285,834		

Overall cost of projects identified as of January 1, 2008 by the community of CLRSD as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 42.742 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Cohasset	COUNTY: Itasca	POPULATION*: 2,481	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,054
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Collection System Expansion	2	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2	\$153,752	\$144.14	0.327%
Overall cost of projects identified as of January 1, 2008 by the community of Cohasset as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			2 (million)

Cold Spring	COUNTY: Stearns	POPULATION*: 2,975	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- 10 - 20 yr. ---			
New Development and Rehabilitation	31.8	Sewer System Project	
New Development and Rehabilitation	4.86	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
36.66	\$2,818,274	\$2,272.80	6.061%
Overall cost of projects identified as of January 1, 2008 by the community of Cold Spring as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			36.66 (million)

Coleraine	COUNTY: Itasca	POPULATION*: 1,110	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,681
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Collection System Rehabilitation	0.6	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.6	\$46,126	\$93.71	0.242%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Coleraine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)

Coleraine, Bovey, (MHI)*:	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Additional Biosolids treatment improvements	1.431	SFY 2008 PPL Treatment Facilities Project / Rank: 40
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
1.431	\$110,010	
--- 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*** Annual Household Cost as % MHI</i>
8.662	\$665,900	

Overall cost of projects identified as of January 1, 2008 by the community of Coleraine, Bovey, Taconite Joint Wastewater as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.093 (million)

Cologne	COUNTY: Carver	POPULATION*:	1,012 MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,583
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- 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*** Annual Household Cost as % MHI</i>
2.4	\$184,502	\$431.30 0.790%

Overall cost of projects identified as of January 1, 2008 by the community of Cologne as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.4 (million)

Cook	COUNTY: St. Louis	POPULATION*:	622 MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,607
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Pump Station Upgrade and Boat Ramp Installation @	1.6	Wastewater Treatment Facilities Project
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***
1.64	\$126,077	\$412.61
Overall cost of projects identified as of January 1, 2008 by the community of		Cook
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		1.64 (million)

Coon Rapids **** COUNTY: Anoka POPULATION*: 61,607 MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,550

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

VCP Sewer Rehab	5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
5	\$384,380	\$15.32
		0.028%

--- 5 - 10 yr. ---

VCP Sewer Rehab	2.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
2.5	\$192,190	\$7.66
		0.014%

Overall cost of projects identified as of January 1, 2008 by the community of **Coon Rapids**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **7.5 (million)**

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

Cotton Township COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Cotton Township	0.6494	SFY 2008 PPL Unsewered Area Project / Rank: 195
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.6494	\$49,923	
		Annual Household Cost as % MHI

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Cotton Township
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6494 (million)*

Cottonwood COUNTY: Lyon POPULATION*: 1,148 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,792

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Cottonwood Phase # 2	0.166	
Telemetry System Upgrades	0.075	Wastewater Treatment Facilities Project
Sanitary Sewer Slip Lining & Lift Station Upgrade	0.5	Sewer System Project
Rehab/expand existing system	0.1166	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.8576	\$65,929	\$131.27	0.330%

*Overall cost of projects identified as of January 1, 2008 by the community of Cottonwood
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8576 (million)*

Crane Lake COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Crane Lake Eastern Service Area	3.86	SFY 2008 PPL Unsewered Area Project / Rank: 186
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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>
3.86	\$296,741		

*Overall cost of projects identified as of January 1, 2008 by the community of Crane Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.86 (million)*

Cromwell COUNTY: Carlton POPULATION*: 143 MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,000

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sanitary Sewer Improvements	1.26	Sewer System Project	
<i>Subtotal of 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	\$96,864	\$1,341.19	5.365%
--- 5 - 10 yr. ---			
Wastewater Treatment Facility Improvements	0.5	SFY 2008 PPL Treatment Facilities 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>
0.5	\$38,438	\$532.22	2.129%
<i>Overall cost of projects identified as of January 1, 2008 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>1.76 (million)</i>

Crookston

COUNTY: Polk

POPULATION*:

8,192

MEDIAN HOUSEHOLD INCOME (MHI)*:

\$34,609

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab/expand existing system

1.19

Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)

*Project Annual Debt Service***

*Annual 20 yr. Household Cost****

Annual Household Cost as % MHI

1.19

\$91,482

\$26.75

0.077%

Overall cost of projects identified as of January 1, 2008 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)

Dalton

COUNTY: Otter Tail

POPULATION*:

258

MEDIAN HOUSEHOLD INCOME (MHI)*:

\$29,750

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Infiltration & inflow

0.005

Sewer System Project

Future Infiltration & Inflow

0.005

Sewer System Project

Subtotal of Cost Estimates (millions)

*Project Annual Debt Service***

*Annual 20 yr. Household Cost****

Annual Household Cost as % MHI

0.01

\$769

\$6.02

0.020%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Dalton** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.01 (million)*

Dassel COUNTY: Meeker POPULATION*: 1,233 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Construction of a New Maple St. Lift Station	0.02	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.02	\$1,538	\$2.69 0.007%
--- 5 - 10 yr. ---		
Sanitary Sewer Trunk Line	5	Sewer System Project
Sanitary Sewer Rehab	1.5	Sewer System Project
Replacement of Spray Irrigation Equipment	1	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
7.5	\$576,570	\$1,007.60 2.687%
--- 10 - 20 yr. ---		
Construction of a New Wastewater Treatment Facility	1.2	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
1.2	\$92,251	\$161.22 0.430%

*Overall cost of projects identified as of January 1, 2008 by the community of **Dassel** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.72 (million)*

Deer Creek COUNTY: Otter Tail POPULATION*: 328 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,558

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Industrial connection	0.16	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.16	\$12,300	\$77.41 0.271%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

Deer River COUNTY: **Itasca** POPULATION*: **903** MEDIAN HOUSEHOLD INCOME (MHI)*: **\$21,900**

Overall cost of projects identified as of January 1, 2008 by the community of	Deer River
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs	1.4814 (million)

Deerwood COUNTY: Crow Wing POPULATION*: 590 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,069

Overall cost of projects identified as of January 1, 2008 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)
--	-----------------------

Delano COUNTY: **Wright** POPULATION*: **3,837** MEDIAN HOUSEHOLD INCOME (MHI)*: **\$52,917**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Highway 12 Reconstruction C 9th Street realignment	0.75	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.75	\$57.657	\$37.93
		0.072%

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

Appendix 2: 2007 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, 2008 by the community of Delano as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)

Detroit Lakes COUNTY: Becker POPULATION*: 7,348 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,264

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

0.234

Sewer System Project

Richwood Road (CSAH 21)

0.73

Sewer System Project

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

0.964

\$74,108

\$20.10

0.069%

Overall cost of projects identified as of January 1, 2008 by the community of Detroit Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.964 (million)

Dilworth COUNTY: Clay POPULATION*: 3,001 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,571

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer Rehabilitation

0.98

SFY 2008 PPL Sewer System Project / Rank: 51

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

0.98

\$75,338

\$58.45

0.169%

Overall cost of projects identified as of January 1, 2008 by the community of Dilworth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.98 (million)

Doran COUNTY: Wilkin POPULATION*: 59 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

0.35

SFY 2008 PPL Unsewered Area Project / Rank: 51

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.35	\$26,907	\$1,009.00	3.844%

Overall cost of projects identified as of January 1, 2008 by the community of Doran as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)

Dover (Eyota-St. Charles)

COUNTY: POPULATION*: MEDIAN

HOUSEHOLD INCOME (MHI)*:

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Rehab/Expand existing WWTF - Phase 2	12.5671	SFY 2008 PPL Treatment Facilities 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>
12.5671	\$966,108		

Overall cost of projects identified as of January 1, 2008 by the community of Dover (Eyota-St. Charles) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12.567 (million)

Duluth

COUNTY: St. Louis POPULATION*: 86,918 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,766

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Sewer rehab Morgan Park Phase 4	3.0168	SFY 2008 PPL Sewer System Project / Rank: 29	
Sewer Rehabilitation, Reconstruction and Relining	8.6	Sewer System Project	
SCADA Replacement	0.5	Sewer System Project	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
12.1168	\$931,491	\$23.62	0.070%

--- 5 - 10 yr. ---

Sewer Rehabilitation, Reconstruction and Relining	10.8	Sewer System Project	
Sewer Reconstruction, rehabilitation, relining	10	Sewer System Project	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
20.8	\$1,599,021	\$40.54	0.120%

--- 10 - 20 yr. ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sewer Reconstruction, rehabilitation, relining	15	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
15	\$1,153,140	\$29.23	0.087%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Duluth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			47.916 (million)

Duluth SSO Lakeside	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
Duluth SSO Lakeside Storage Basin	6.64	SFY 2008 PPL Sewer System 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>
6.64	\$510,457		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Duluth SSO Lakeside Storage Basin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			6.64 (million)

Duluth/NS Phase 2	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- 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	\$135,302		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Duluth/NS Phase 2 (Knife River) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.76 (million)

Dundee	COUNTY: Nobles	POPULATION*:	102	MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,979
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Dundee Unsewered Area	0.844			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.844	\$64,883	\$1,145.00	5.210%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Dundee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.844 (million)	

Dunnell	COUNTY: Martin	POPULATION*: 197	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,333	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 10 - 20 yr. ---				
Plant Rehabilitation - Corrective Action Project	1.3	SFY 2008 PPL Treatment Facilities Project / Rank: 207		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.3	\$99,939	\$1,083.67	2.827%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Dunnell as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.3 (million)	

East Bethel	COUNTY: Anoka	POPULATION*: 10,941	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,880	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 10 - 20 yr. ---				
City of East Bethel / MET Council sewer project	30	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
30	\$2,306,280	\$575.45	0.994%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of East Bethel as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			30 (million)	

East Grand Forks	COUNTY: Polk	POPULATION*: 7,501	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,866	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---				

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lift station improvements -2008	1.3	SFY 2008 PPL Sewer System Project / Rank:	77
Sewer rehabilitation - 2008	1.6	SFY 2008 PPL Sewer System Project / Rank:	77
Additional forcemain to lagoons	1.95	SFY 2008 PPL Sewer System Project / Rank:	77
upgrade sewage ponds - 2008	8.5		
Lagoon Outfall Repairs	0.2	SFY 2008 PPL Treatment Facilities Project / Rank:	77
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
13.55	\$1,041,670	\$320.08	0.892%
Overall cost of projects identified as of January 1, 2008 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			
			13.55 (million)

Eden Prairie ******** **COUNTY: Hennepin** **POPULATION*: 54,901** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$78,328**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
TH 5 Sewer Repair	0.2	Sewer System Project		
Remove I & I from Sewer system	0.5	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.7	\$53,813	\$2.37	0.003%	
Overall cost of projects identified as of January 1, 2008 by the community of Eden Prairie				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7 (million)				

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

Eden Valley **COUNTY: Meeker** **POPULATION*: 866** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,781**

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
Sanitary Sewer Improvements	1.08	SFY 2008 PPL Sewer System Project / Rank: 133	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.08	\$83,026	\$207.57	0.805%
--- 5 - 10 yr. ---			
Construction of Rapid Infiltration Basins	1	SFY 2008 PPL Treatment Facilities Project / Rank: 133	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Replacement of aging equipment		1	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2	\$153,752		\$384.38	1.491%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Eden Valley</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>3.08 (million)</i>

Edina ***** COUNTY: Hennepin POPULATION*: 47,425 MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,019

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Lift Station # 1	0.13	Sewer System Project
Lift Station # 15	0.188	Sewer System Project
Annual Manhole Rehabilitation	0.05	Sewer System Project
Lift station #2	0.1	Sewer System Project
Lift station #7	0.12	Sewer System Project
Lift Station # 8	0.12	Sewer System Project
Sewer Pipe replacement	0.06	Sewer System Project
Country club Neighborhood Reconstruction Project	4.5	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
5.268	\$404,983	\$17.36
--- 5 - 10 yr. ---		
Lift Station # 20 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>
0.1	\$7,688	\$0.33
<i>Overall cost of projects identified as of January 1, 2008 by the community of Edina</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		

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

Effie COUNTY: Itasca POPULATION*: 91 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,250

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

--- Current ---

Effie wastewater treatment and collection system	1.6503	SFY 2008 PPL Sewer System Project / Rank: 208	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.6503	\$126,868	\$3,171.71	10.149

Overall cost of projects identified as of January 1, 2008 by the community of Effie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.6503 (million)

Elbow lake

COUNTY: Grant POPULATION*: 1,275 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,441

Project(s) **Cost Estimate (millions)** **Project Type / SFY 2008 PPL Listed - Rank**

--- Current ---

Westside improvements	2.4	SFY 2008 PPL Sewer System Project / Rank:	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.4	\$184,502	\$296.52	0.974%

--- 5 - 10 yr. ---

Division Street Improvements	1.2	SFY 2008 PPL Sewer System Project / Rank: 72	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.2	\$92,251	\$148.26	0.487%

Overall cost of projects identified as of January 1, 2008 by the community of Elbow lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.6 (million)

Elk River

COUNTY: Sherburne POPULATION*: 16,447 MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,114

Project(s) **Cost Estimate (millions)** **Project Type / SFY 2008 PPL Listed - Rank**

--- Current ---

WWTP Phase II Improvements	4.3	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.3	\$330,567	\$52.53	0.090%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2008 by the community of Elk River as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.3 (million)

Elko New Market		COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME	
(MHI)*:					
Project(s)		Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---					
CSAH 2 Phase II		0.15	Sewer System Project		
Fairway Ridge		0.46	Sewer System Project		
Pheasant Hills		0.48	Sewer System Project		
Subtotal of Cost Estimates	(millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI
1.09		\$83,795			
--- 5 - 10 yr. ---					
Adelmann Property		0.97	Sewer System Project		
Subtotal of Cost Estimates	(millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI
0.97		\$74,570			
--- 10 - 20 yr. ---					
Southwest Quadrant		3.69	Sewer System Project		
Northeast Quadrant		1.93	Sewer System Project		
Southeast Quadrant		1.26	Sewer System Project		
Northwest Quadrant		3.6	Sewer System Project		
Subtotal of Cost Estimates	(millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI
10.48		\$805,660			
Overall cost of projects identified as of January 1, 2008 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			12.54 (million)		

Ellendale	COUNTY: Steele	POPULATION*:	590	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

Rehab and Expand collection system	0.96	SFY 2008 PPL Sewer System Project / Rank: 32	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.96	\$73,801	\$263.57	0.698%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Ellendale</i> <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.96 (million)</i>

Ellsworth	COUNTY: Nobles	POPULATION*: 540	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,417
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
I/I correctio and Sewer Rehab.	0.563	SFY 2008 PPL Sewer System Project / Rank: 210	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.563	\$43,281	\$171.60	0.604%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Ellsworth</i> <i>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*: 735	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,146
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Stabilization Pond Rehabilitation	0.79	SFY 2008 PPL Treatment Facilities 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>
0.79	\$60,732	\$179.21	0.685%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Elmore</i> <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.79 (million)</i>

Ely	COUNTY: St. Louis	POPULATION*: 3,724	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,615
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sewer Rehabilitation and I/I Reduction	1.405			
2007 Capital Improvement Plan	2.105		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
3.51	\$269,835	\$143.36	0.519%	
Overall cost of projects identified as of January 1, 2008 by the community of Ely				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				3.51 (million)

Essig	COUNTY: Nicolett	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Essig		0.81	SFY 2008 PPL Unsewered Area Project / Rank: 61		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.81	\$62,270				
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Essig</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.81 (million)</i>		

Eveleth	COUNTY: St. Louis	POPULATION*:	3,865	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,736
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
2010 Sewer Replacement Project (Grant Ave. & Park	0.171		Sewer System Project		
2009 Sanitary Sewer Cleaning, TV, and Smoke Testing	0.055		Sewer System Project		
2008 Sewer Replacement Project	0.359		Sewer System Project		
2009 Sewer Replacement Project - Grant Avenue	0.225		Sewer System Project		
Progress Park Sanitary Sewer Extension	0.5		Sewer System Project		
Sanitary Sewer Extension - Elba Ave. Residential	0.2		Sewer System Project		
2010 Sanitary Sewer Cleaning, TV, and Smoke Testing	0.055		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.565	\$120,311	\$63.06	0.227%		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Fayal Pond Lift Station Renovation	0.8	Sewer System Project		
2012 Adams Area Sewer Replacement	0.41	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.21	\$93,020	\$48.76	0.176%	

--- 10 - 20 yr. ---

2013-2022 Sanitary Sewer Replacement Projects (some)	1	Sewer System Project		
Adams Lift Station Renovation	0.62	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.62	\$124,539	\$65.28	0.235%	

Overall cost of projects identified as of January 1, 2008 by the community of Eveleth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.395 (million)

Eveleth West

COUNTY:

POPULATION*:

MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

West Eveleth Sanitary Sewer Extension	0.22	Sewer System Project		
2011 Sewer Replacement Project (Jones St.)	0.201	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.421	\$32,365			

--- 10 - 20 yr. ---

West Eveleth Lift Station Renovation	0.73	Sewer System Project		
West Eveleth Transfer Station Renovation	0.73	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.46	\$112,239			

Overall cost of projects identified as of January 1, 2008 by the community of Eveleth West as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.881 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Excelsior **** COUNTY: Hennepin POPULATION*: 2,393 MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,598

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Lift Station Upgrade - Highway 7

0.23

Sewer System Project

Lift station upgrade - cemetery

0.115

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.345	\$26,522	\$19.91	0.046%

Overall cost of projects identified as of January 1, 2008 by the community of Excelsior

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.345 (million)

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

Eyota COUNTY: Olmsted POPULATION*: 1,644 MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,500

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Sewer Lining Project

0.025

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.025	\$1,922	\$2.90	0.006%

Overall cost of projects identified as of January 1, 2008 by the community of Eyota

as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.025 (million)

Fairfax COUNTY: Renville POPULATION*: 1,295 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,700

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

2008 capital improvement plan

0.072

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.072	\$5,535	\$9.33	0.028%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

Fairmont COUNTY: Martin POPULATION*: 10,889 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,709

Overall cost of projects identified as of January 1, 2008 by the community of Fairmont as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs	2,475 (million)
--	------------------------

Faribault COUNTY: Rice POPULATION*: 20,818 MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,865

Overall cost of projects identified as of January 1, 2008 by the community of Faribault as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 41.126 (million)

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Faribault County	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:			
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Guckeen - Collection and connect to Blue Earth		0.5				
<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>		
0.5	\$38,438					
<i>Overall cost of projects identified as of January 1, 2008 by the community of Faribault County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						
					<i>0.5 (million)</i>	
Farmington	****	COUNTY: Dakota	POPULATION*:	12,365	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$61,864
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Spruce Street utility and Street Reconstruction (City		0.54	Sewer System Project			
East Walnut Street Utility and Street Reconstruction		1.4	Sewer System Project			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.94	\$149,139		\$32.20	0.052%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Farmington as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>						
					<i>1.94 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Farmington						
Fisher	COUNTY: Polk	POPULATION*:	435	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,750	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Sanitary Sewer Improvement		0.05	Sewer System Project			
Fisher Wastewater Improvement Project		1.1	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>		
1.15	\$88,407		\$449.53	1.160%		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Fisher** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.15 (million)*

Foley	COUNTY: Benton	POPULATION*:	2,154	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,393
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Comprehensive Sanitary Sewer Plan	14.5		Sewer System Project		
Birch Ponds	10		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>	
24.5	\$1,883,462		\$2,242.22	5.840%	
--- 5 - 10 yr. ---					
Parent Addition Imp Expansion	0.53		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>	
0.53	\$40,744		\$48.51	0.126%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>Foley</i>	<i>25.03 (million)</i>	

Forest Lake	COUNTY: Washington	POPULATION*:	6,798	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,419
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Lift Station Repairs	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	\$115,314		\$37.00	0.083%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Forest Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>1.5 (million)</i>					

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Fosston	COUNTY: Polk	POPULATION*:	1,575	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,634
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Stabilization Pond	2.2		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>	
2.2	\$169,127		\$223.52	0.809%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Fosston</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>2.2 (million)</i>

Fountain	COUNTY: Fillmore	POPULATION*:	343	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Rehab/expand existing system	0.4		SFY 2008 PPL Sewer System Project / Rank: 60		
Rehab/expand existing system	0.9		SFY 2008 PPL Treatment Facilities Project / Rank: 60		
<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	\$99,939		\$686.60	1.706%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Fountain</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.3 (million)</i>

Frazee	COUNTY: Becker	POPULATION*:	1,377	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,150
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
2008 Street Improvements-Maple & Cedar Avenu	0.47		Sewer System Project		
South Lake Street	0.825		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>	
1.295	\$99,554		\$177.78	0.680%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2008 by the community of Frazee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.295 (million)

Freeport COUNTY: Stearns POPULATION*: 454 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,955

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Clay, Tile, Line Replacement

0.1

Sewer System Project

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

0.1

\$7,688

\$36.41

0.110%

Overall cost of projects identified as of January 1, 2008 by the community of Freeport as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.1 (million)

Garfield COUNTY: Douglas POPULATION*: 281 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,000

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 10 - 20 yr. ---

Garfield Wastewater

0.7

Wastewater Treatment Facilities Project

Garfield Wastewater

1.1

Sewer System Project

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

1.8

\$138,377

\$1,121.97

3.740%

Overall cost of projects identified as of January 1, 2008 by the community of Garfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8 (million)

Gaylord COUNTY: Sibley POPULATION*: 2,279 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,053

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

2008 Street and Utility Improvement project

0.4

Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.4	\$30,750	\$30.85	0.079%

Overall cost of projects identified as of January 1, 2008 by the community of Gaylord as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)

Gem Lake	****	COUNTY: Ramsey	POPULATION*:	419	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$64,167
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- 5 - 10 yr. ---

Inflow/Infiltration Mitigation

0.5

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$248.88	0.388%

Overall cost of projects identified as of January 1, 2008 by the community of Gem Lake 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 Gem Lake

Gilbert		COUNTY: St. Louis	POPULATION*:	1,847	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,859
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Gilbert-Sparta: Service extension to unsewered area

0.6

SFY 2008 PPL Sewer System Project / Rank: 189

Wastewater Treatment Facility Improvements

2.5

SFY 2008 PPL Treatment Facilities Project / Rank: 111

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.1	\$238,316	\$254.73	0.710%

Overall cost of projects identified as of January 1, 2008 by the community of Gilbert as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.1 (million)

Gilman		COUNTY: Benton	POPULATION*:	215	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,063
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Power out and high water alarm monitors	0.003	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>	
0.003	\$231	\$2.44	0.005%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Gilman</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			<i>0.003 (million)</i>	

Glenwood	COUNTY: Pope	POPULATION*:	2,594	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,083
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
2009 Phase II 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	\$76,876		\$61.17	0.203%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Glenwood</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>1 (million)</i>			

Golden Valley	****	COUNTY: Hennepin	POPULATION*:	20,281	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$62,063
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Pavement Management Projects (assoc. sewer work)	9		Sewer System Project			
Pavement Management projects (2006 through 2014)	8.1		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>			
17.1	\$1,314,580	\$140.03	0.226%			
<i>Overall cost of projects identified as of January 1, 2008 by the community of Golden Valley</i>						
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 17.1 (million)</i>						
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Golden Valley						

Gonvick	COUNTY: Clearwater	POPULATION*:	294	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,722
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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--- Current ---

Rehab/expand existing system

0.5

SFY 2008 PPL Treatment Facilities Project / Rank: 39

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

0.5

\$38,438

\$252.51

1.021%

Overall cost of projects identified as of January 1, 2008 by the community of

Gonvick

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

0.5 (million)

Goodview

COUNTY: Winona

POPULATION*: 3,373

MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,654

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

63rd Ave. and 5th Street Extension

0.45

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

0.45

\$34,594

\$22.64

0.052%

--- 5 - 10 yr. ---

Saehler and Anderson Addition and Extension

0.875

Sewer System Project

Kowalewski/Anderson Extension

0.48

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

1.355

\$104,167

\$68.18

0.156%

Overall cost of projects identified as of January 1, 2008 by the community of

Goodview

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

1.805 (million)

Grand Marais

COUNTY: Cook

POPULATION*: 1,353

MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,493

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

I/I correction

0.65

Sewer System Project

Subtotal of Cost Estimates (millions)

Project Annual Debt Service**

Annual 20 yr. Household Cost***

Annual Household Cost as % MHI

0.65

\$49,969

\$69.72

0.208%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Grand Marais
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.65 (million)*

Grand Rapids	COUNTY: Itasca	POPULATION*: 7,764	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,991
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Annes Area 3 Project	0.425	
Sewer Extension - Golf Course Road	2.3521	
Stoeke Addition - Service extension to unsewered area	0.65	Sewer System Project
WWTF Modifications-Phase 1	19.8	Wastewater Treatment Facilities Project
Trunk/Interceptor Replacment/Extension 1993-2013	3	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
26.2271	\$2,016,235	\$493.12 1.701%
--- 5 - 10 yr. ---		
Replacement of Secondary Aeration System and	21.48	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
21.48	\$1,651,296	\$431.27 1.488%

*Overall cost of projects identified as of January 1, 2008 by the community of Grand Rapids
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 47.707 (million)*

Granite Falls	COUNTY: Yellow	POPULATION*: 3,070	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,031
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Phase 2 - Rehab/expand existing system	1.58	SFY 2008 PPL Treatment Facilities Project / Rank: 119
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
1.58	\$121,464	\$81.34 0.254%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Overall cost of projects identified as of January 1, 2008 by the community of Granite Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.58 (million)

Grey Eagle COUNTY: Todd POPULATION*: 335 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,917

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Schoenstatt Court Improvements

0.199

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.199	\$15,298	\$91.18	0.277%

Overall cost of projects identified as of January 1, 2008 by the community of Grey Eagle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.199 (million)

Grove City COUNTY: Meeker POPULATION*: 608 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,312

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Construction of New Mechanical Treatment Facilities

4.279

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.279	\$328,952	\$1,151.97	3.930%

Overall cost of projects identified as of January 1, 2008 by the community of Grove City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.279 (million)

Hadley COUNTY: Murray POPULATION*: 81 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,406

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Unsewered Area Collection and Treatment Using

1.148

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.148	\$88,254	\$2,206.34	7.025%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Overall cost of projects identified as of January 1, 2008 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)

Hamburg COUNTY: Carver POPULATION*: 538 MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Regionalize with Norwood-Young America & Service 2.933 SFY 2008 PPL Sewer System Project / Rank: 143
I/I Abatement Program 0.7 Sewer System Project

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
3.633 \$279,291 \$1,220.20 1.801%

Overall cost of projects identified as of January 1, 2008 by the community of Hamburg as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.633 (million)

Hampton COUNTY: Dakota POPULATION*: 434 MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,438

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Treatment Plant Expansion 2 0.65 Wastewater Treatment Facilities Project

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
0.65 \$49,969 \$288.29 0.539%

Overall cost of projects identified as of January 1, 2008 by the community of Hampton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.65 (million)

Hancock COUNTY: Stevens POPULATION*: 717 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,583

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

New Stabilization pond system 2.6 Wastewater Treatment Facilities Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
2.6	\$199,878	\$611.87	1.769%

Overall cost of projects identified as of January 1, 2008 by the community of Hancock as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.6 (million)

Hanover	COUNTY: Wright	POPULATION*: 1,355	MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,667
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- 10 - 20 yr. ---

Trunk Sanitary Sewer and Watermain analysis 3-2007	10.468	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>
10.468	\$804,738	\$1,646.05	2.234%

Overall cost of projects identified as of January 1, 2008 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)

Hawley	COUNTY: Clay	POPULATION*: 1,882	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,652
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- 5 - 10 yr. ---

Hawley	2.5	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>
2.5	\$192,190	\$232.49	0.652%

Overall cost of projects identified as of January 1, 2008 by the community of Hawley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.5 (million)

Hector	COUNTY: Renville	POPULATION*: 1,166	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,000
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

2004 2nd Street E Street Project	0.587	Sewer System Project
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.587	\$45,126	\$79.79	0.242%

*Overall cost of projects identified as of January 1, 2008 by the community of **Hector** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.587 (million)*

Henderson	COUNTY: Sibley	POPULATION*: 910	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,125
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Le Sueur / Henderson MN Valley Public Utilities	3.283	SFY 2008 PPL Treatment Facilities Project / Rank: 21

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.283	\$252,384	\$645.30	1.496%

*Overall cost of projects identified as of January 1, 2008 by the community of **Henderson** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.283 (million)*

Hendricks	COUNTY: Lincoln	POPULATION*: 725	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,042
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Hendricks Sanitary Sewer Project	0.227	Sewer System Project
Replace poor sanitary lines	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>
0.287	\$22,063	\$64.47	0.248%

*Overall cost of projects identified as of January 1, 2008 by the community of **Hendricks** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.287 (million)*

Henning	COUNTY: Otter Tail	POPULATION*: 719	MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,944
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- 10 - 20 yr. ---		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Replace & Repair Sewer Lines to Eliminate	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>
12.2	\$937,887	\$2,306.28	10.510
Overall cost of projects identified as of January 1, 2008 by the community of <i>Henning</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			12.2 (million)

Hibbing COUNTY: St. Louis POPULATION*: 17,071 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,346

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
City of Hibbing Mercury treatability	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	\$230,628	\$27.90	0.084%
Overall cost of projects identified as of January 1, 2008 by the community of <i>Hibbing</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3 (million)

Hill City COUNTY: Aitkin POPULATION*: 479 MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,308

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Collection System Rehabilitation	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	\$46,126	\$194.90	0.874%
Overall cost of projects identified as of January 1, 2008 by the community of <i>Hill City</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.6 (million)

Hinckley COUNTY: Pine POPULATION*: 1,291 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,338

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Lift station #3 upgrade	0.187		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.187	\$14,376	\$23.48	0.080%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Hinckley</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.187 (million)</i>	

Hitterdal	COUNTY: Clay	POPULATION*:	201	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,500
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Sewer extension		0.4	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.4	\$30,750	\$321.81	0.990%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Hitterdal</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.4 (million)</i>		

Hoffman	COUNTY: Grant	POPULATION*:	672	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,464
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Treatment Plant		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	\$76,876	\$252.51	0.857%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Hoffman</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1 (million)</i>		

Hokah	COUNTY: Houston	POPULATION*:	614	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,838
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Hokah Sewer Project	0.29	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.29	\$22,294	\$74.04	0.276%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Hokah as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.29 (million)</i>

Howard Lake	COUNTY: Wright	POPULATION*:	1,853	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,015
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
8th Avenue and 9th 11th Street	0.98		Sewer System Project		
South Side	1.8		Sewer System Project		
Phase 2 South Side	1.358		Sewer System Project		
10th and 11th Avenue, 7th and 9th Street	1.12		Sewer System Project		
12th and 13th Avenue and 7th and 8th Street	1.155		Sewer System Project		
6th and 7th Avenue, 7th, 8th and 10th Street	1.33		Sewer System Project		
9th Avenue 7th 8th and 9th Street	0.98		Sewer System Project		
6th Avenue 9th 10th and 11th Street	0.77		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>		
9.493	\$729,784	\$893.61	2.351%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Howard Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>9.493 (million)</i>

Ihlen	COUNTY: Pipestone	POPULATION*:	107	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Individual & Main Lift Station Rehabilitation	0.134		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.134	\$10,301	\$215.61	0.690%		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 10 - 20 yr. ---

Expand Mound System

0.18

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>
0.18	\$13,838	\$289.63	0.927%

Overall cost of projects identified as of January 1, 2008 by the community of Ihlen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.314 (million)

Iron Junction

COUNTY: St. Louis

POPULATION*:

93 MEDIAN HOUSEHOLD INCOME (MHI)*:

\$40,938

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Iron Junction Sewer Expansion and Upgrade

1

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$1,572.46	3.841%

Overall cost of projects identified as of January 1, 2008 by the community of Iron Junction as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)

Ivanhoe

COUNTY: Lincoln

POPULATION*:

679 MEDIAN HOUSEHOLD INCOME (MHI)*:

\$28,125

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Railroad street development area and graff area

0.3

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$66.96	0.238%

Overall cost of projects identified as of January 1, 2008 by the community of Ivanhoe as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)

Jackson

COUNTY: Jackson

POPULATION*:

3,501 MEDIAN HOUSEHOLD INCOME (MHI)*:

\$33,452

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

--- Current ---

Ashley Street Project	0.161	Sewer System Project
Sunset View - Phase II	0.087	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.248	\$19,065	\$11.54	0.034%

Overall cost of projects identified as of January 1, 2008 by the community of Jackson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.248 (million)

Jackson County - Loon

(MHI)*:

COUNTY:

POPULATION*:

MEDIAN HOUSEHOLD INCOME

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Jackson County - Loon Lake	0.42	SFY 2008 PPL Unsewered Area Project / Rank: 167
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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>
0.42	\$32,288		

Overall cost of projects identified as of January 1, 2008 by the community of Jackson County - Loon Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.42 (million)

Jordan

COUNTY: Scott

POPULATION*:

3,833

MEDIAN HOUSEHOLD INCOME (MHI)*:

\$47,468

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Southwest Trunk Sewer	4.3	Sewer System Project
TH 282 (Second Street) Reconstruction	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>
4.45	\$342,098	\$228.23	0.481%

Overall cost of projects identified as of January 1, 2008 by the community of Jordan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.45 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Kandiyohi County - (MHI)*:	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
	6.817	SFY 2008 PPL Unsewered Area Project / Rank: 174	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.817	\$524,064		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Kandiyohi County - Diamond Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			6.817 (million)

Kandiyohi County - (MHI)*:	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
	2.1	SFY 2008 PPL Unsewered Area Project / Rank: 172	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.1	\$161,440		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Kandiyohi County - Henderson, George and as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.1 (million)

Keewatin	COUNTY: Itasca	POPULATION*:	1,164	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,795
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 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	\$34,594	\$59.65	0.207%		
--- 5 - 10 yr. ---					
Replace Primary Clarifier Drive	0.01		Wastewater Treatment Facilities Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

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>
0.02	\$1,538	\$2.65	0.009%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Keewatin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.47 (million)</i>

Kelliher COUNTY: Beltrami POPULATION*: 294 MEDIAN HOUSEHOLD INCOME (MHI)*: \$20,625

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Manhole rehabilitation

0.012

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.012	\$923	\$6.86	0.033%

Overall cost of projects identified as of January 1, 2008 by the community of Kelliher as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs

0.012 (million)

Kennedy COUNTY: Kittson POPULATION*: 255 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,438

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

5th Street East

0.05

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.05	\$3,844	\$30.08	0.090%

Overall cost of projects identified as of January 1, 2008 by the community of Kennedy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs

0.05 (million)

Kent COUNTY: Wilkin POPULATION*: 120 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,417

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Kent	0.903	SFY 2008 PPL Unsewered Area Project / Rank: 46
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
0.903	\$69,419	\$1,523.83
<i>Overall cost of projects identified as of January 1, 2008 by the community of Kent</i>		<i>Annual Household Cost as % MHI</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.010%</i>
		<i>0.903 (million)</i>

Kenyon	COUNTY: Goodhue	POPULATION*: 1,661	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,786
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
<i>--- 10 - 20 yr. ---</i>			
I & I Rehab	0.12	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.12	\$9,225	\$12.26	0.029%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Kenyon</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.12 (million)</i>	

Kilkenny	COUNTY: Le Sueur	POPULATION*: 148	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,583
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
<i>--- Current ---</i>			
Sewer Expansion	0.0544	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.0544	\$4,182	\$63.79	0.161%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Kilkenny</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.0544 (million)</i>	

Knife River-Larsmont	COUNTY: Lake	POPULATION*: 0	MEDIAN HOUSEHOLD INCOME (MHI)*: \$0
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
<i>--- Current ---</i>			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Knife River Sanitary Sewer Project	9	SFY 2008 PPL Sewer System Project / Rank:	178
Larsmont Sanitary Sewer Project	9	SFY 2008 PPL Sewer System Project / Rank:	178
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
18	\$1,383,768		
Overall cost of projects identified as of January 1, 2008 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			18 (million)

La Crescent	COUNTY: Houston	POPULATION*:	4,923	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,433
Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank		
--- 5 - 10 yr. ---					
Wastewater Treatment Plant Modifications	0.8		Wastewater Treatment Facilities Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.8	\$61,501	\$28.53	0.063%		
Overall cost of projects identified as of January 1, 2008 by the community of La Crescent as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.8 (million)		

La Salle	COUNTY: Watonwan	POPULATION*:	90	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,375
Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---					
La Salle	1.66		SFY 2008 PPL Unsewered Area Project / Rank:		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.66	\$127,614	\$2,610.29	8.886%		
Overall cost of projects identified as of January 1, 2008 by the community of La Salle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.66 (million)		

Lafayette	COUNTY: Nicollet	POPULATION*:	529	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,719
Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---				
I and I Improvements		0.5	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.5	\$38,438	\$171.26	0.466%	
--- 5 - 10 yr. ---				
WWTP: Preliminary treatment	0.125	Wastewater Treatment Facilities Project		
WWTP: Chlorine Bldg. Feed	0.05	Wastewater Treatment Facilities Project		
WWTP: Sludge storage	0.075	Wastewater Treatment Facilities Project		
WWTP: Cover for Final Clarifier	0.025	Wastewater Treatment Facilities Project		
WWTP: Spiralgester rehab.	0.035	Wastewater Treatment Facilities Project		
WWTP: Air circ. For Trick. Filter	0.01	Wastewater Treatment Facilities Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.32	\$24,600	\$109.61	0.298%	
Overall cost of projects identified as of January 1, 2008 by the community of Lafayette				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				
0.82 (million)				

Lake Benton	COUNTY: Lincoln	POPULATION*:	703	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,583
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
2003 Infrastructure Improvement		3.427	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
3.427	\$263,454	\$709.91	2.400%		
--- 5 - 10 yr. ---					
		1.49	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>		
1.49	\$114,545	\$308.65	1.043%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Lake Benton</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>4.917 (million)</i>					

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Lake Crystal COUNTY: Blue Earth POPULATION*: 2,420 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,912

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Yearly sewer main and lift station improvements	0.2	Sewer System Project
Humphrey Street Lift station - Lake	0.06	Sewer System Project
South Anna and south Hunt Street sewer rehab	0.04	Sewer System Project
secondary sludge storage tank	0.3	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.6	\$46,126	\$44.16 0.111%
--- 5 - 10 yr. ---		
Industrial Park lift station - replacement	0.125	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.125	\$9,610	\$9.20 0.023%
Overall cost of projects identified as of January 1, 2008 by the community of Lake Crystal		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
0.725 (million)		

Lake of the Woods COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Lake of the Woods County - Wheeler's Point	7.0039	SFY 2008 PPL Unsewered Area Project / Rank: 55
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
7.0039	\$538,432	
Overall cost of projects identified as of January 1, 2008 by the community of Lake of the Woods County - Wheeler's Point		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
7.0039 (million)		

Lake Park COUNTY: Becker POPULATION*: 782 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,857

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Sewer rehab		0.47	Sewer System Project	
<i>Subtotal of Cost 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	\$36,132	\$105.58	0.321%	

--- 5 - 10 yr. ---

Old Sewer Main Replacement and Rehabilitation		1.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.5	\$115,314	\$336.96	1.026%	

Overall cost of projects identified as of January 1, 2008 by the community of Lake Park as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.97 (million)

Lake Shore COUNTY: Cass POPULATION*: 966 MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,500

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

City of Lake Shore 2008 Sanitary Sewer Extensions		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>	
1.3	\$99,939	\$206.30	0.401%	

Overall cost of projects identified as of January 1, 2008 by the community of Lake Shore as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.3 (million)

Lake Township COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Lake Township - Warroad Estates/Northern Lights		3.7756		
Lake Township - Lakewood MPH		1.9585		
Lake Township - Springsteel		2.4563		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
8.1904	\$629,645			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Lake Township (Warroad area) as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.1904 (million)

Lakefield COUNTY: Jackson POPULATION*: 1,721 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,250

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
2008-2010 Street Project	0.410824	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.410824	\$31,583	\$38.88 0.124%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Lakefield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4108 (million)</i>		

Lakeville ***** COUNTY: Dakota POPULATION*: 43,128 MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,404

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Lift Stations 1,3,4,5, and 20 rehab.	0.159	Sewer System Project
Elko/New Market interceptor	0.23	Sewer System Project
Farmington interceptor	2.92	Sewer System Project
2009 Inflow infiltration mitigation	0.299	Sewer System Project
Sanitary sewer reconstruction	0.091	Sewer System Project
2011 inflow infiltration mitigation	0.288	Sewer System Project
2008 Infiltration Inflow Mitigation	0.285	Sewer System Project
2010 inflow infiltration mitigation	0.288	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
4.56	\$350,555	\$23.18 0.032%
--- 5 - 10 yr. ---		
Lift Stations: 21,7,22,6,12,13,17,18,19,8 Rehab.	0.108	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.108	\$8,303	\$0.55	0.001%
--- 10 - 20 yr. ---			
Lift stations 6, 11, 12, 13, 17, 18, 8, 19 Rehab	0.17	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.17	\$13,069	\$0.86	0.001%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Lakeville</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			4.838 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lakeville			

Lansing Twp	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Lansing Twp - Expansion of Treatment Facilities		3.2	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.2	\$246,003		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Lansing Twp</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3.2 (million)

Lansing Twp 2	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Lansing Twp 2 (Woodhaven, etc.)		3.2	SFY 2008 PPL Unsewered Area 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>
3.2	\$246,003		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Lansing Twp 2 (Woodhaven, etc.)</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3.2 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Laporte COUNTY: Hubbard POPULATION*: 145 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,500

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Extension of Treatment to Unsewered Area 0.1

Collection and Treatment Rehab. 0.25

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.35	\$26,907	\$424.84	1.491%

Overall cost of projects identified as of January 1, 2008 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 Sueur COUNTY: Le Sueur POPULATION*: 3,922 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,372

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Le Sueur / Henderson MN Valley Public Utilities 14.151 SFY 2008 PPL Treatment Facilities Project / Rank: 21

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
14.151	\$1,087,872	\$633.71	1.496%

Overall cost of projects identified as of January 1, 2008 by the community of Le Sueur as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 14.151 (million)

LeRoy COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehabilitation of sewer (E. Sargent St) 0.4 Sewer System Project

Rehabilitation of sewer (E. Co. Rd & Matler St) 0.8 Sewer System Project

Rehabilitation of sewer (E. Co. Rd & Read St) 0.4 Sewer System Project

Rehabilitation of stations 0.15 Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
1.75	\$134,533		

Overall cost of projects identified as of January 1, 2008 by the community of LeRoy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.75 (million)

Lewiston	COUNTY: Winona	POPULATION*: 1,484	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,220
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Lewiston Chlorination / Dechlorination Facility	0.225	SFY 2008 PPL Treatment Facilities Project / Rank: 78
Expansion to meet MPCA reliability Issues	2.5	SFY 2008 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>
2.725	\$209,487	\$350.44	0.811%

Overall cost of projects identified as of January 1, 2008 by the community of Lewiston as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.725 (million)

Lewisville	COUNTY: Watonwan	POPULATION*: 274	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,432
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- 5 - 10 yr. ---		
Sewer System Improvements	0.25	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$153.07	0.520%

--- 10 - 20 yr. ---			
Treatment Facility Rehabilitation - Corrective Action	1.54	SFY 2008 PPL Treatment Facilities Project / Rank: 222	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.54	\$118,389	\$942.92	3.204%

Overall cost of projects identified as of January 1, 2008 by the community of Lewisville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.79 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Lime Creek	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:			
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Collection and Cluster Systems in Unsewered Area		0.2803				
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>			
0.2803	\$21,548					
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>				<i>Lime Creek</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.2803 (million)</i>	
Lino Lakes	COUNTY: Anoka	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	16,791	\$75,708	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Shenandoah Area		0.3	Sewer System Project			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>			
0.3	\$23,063	\$4.27	0.006%			
--- 5 - 10 yr. ---						
Lamotte Drive Sewer Rehabilitation		0.1	Sewer System Project			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>			
0.1	\$7,688	\$1.42	0.002%			
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>				<i>Lino Lakes</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.4 (million)</i>	
				**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lino Lakes		
Litchfield	COUNTY: Meeker	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	6,562	\$36,021	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>			
--- Current ---						
Wastewater Treatment Facility improvements		14.3	SFY 2008 PPL Treatment Facilities Project / Rank: 25			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
14.3	\$1,099,327	\$377.06	1.047%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Litchfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>14.3 (million)</i>

Littlefork COUNTY: Koochiching POPULATION*: 680 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,917

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- 5 - 10 yr. ---		
Sewer Pond Dredging, Lift Station repair	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>
0.125	\$9,610	\$32.27
--- 10 - 20 yr. ---		
Sewer pond dredging line and lift station 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>
0.125	\$9,610	\$32.27
<i>Overall cost of projects identified as of January 1, 2008 by the community of Littlefork as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.25 (million)</i>

Lonsdale COUNTY: Rice POPULATION*: 1,491 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,054

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Rehab/expand existing system	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>
2.1	\$161,440	\$259.46
--- 5 - 10 yr. ---		
Expansion of Lonsdale WWTP#2	6.4	Wastewater Treatment Facilities Project
Sludge drying	2	Wastewater Treatment Facilities Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.4	\$645,758	\$1,037.83	2.073%

Overall cost of projects identified as of January 1, 2008 by the community of Lonsdale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.5 (million)

Lowry	COUNTY: Pope	POPULATION*: 271	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,591
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Collection System Replacement	2	SFY 2008 PPL Sewer System Project / Rank: 43
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Pond Updates	1.7	SFY 2008 PPL Treatment Facilities Project / Rank: 43
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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>
3.7	\$284,441	\$2,327.25	7.367%

Overall cost of projects identified as of January 1, 2008 by the community of Lowry as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.7 (million)

Luverne	COUNTY: Rock	POPULATION*: 4,617	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,271
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Dodge Street-Rehab Sewer	0.25969	Sewer System Project
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Barck Street Utility Improvements	0.166227	Sewer System Project
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Sioux Valley Addition AKA Manfred Heights	0.3	Sewer System Project
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Koehn Ave. Extension	0.153	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>
0.878917	\$67,568	\$30.90	0.085%

--- 5 - 10 yr. ---

Second Digester	1	Wastewater Treatment Facilities Project
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Phosphorus removal	0.5	Wastewater Treatment Facilities Project
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Second Oxidation Ditch	1.775	Wastewater Treatment Facilities Project
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.275	\$251,769	\$115.14	0.317%

Overall cost of projects identified as of January 1, 2008 by the community of Luverne as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.1539 (million)

Madelia COUNTY: Watonwan POPULATION*: 2,340 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,219

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
<i>--- Current ---</i>			
Stabilization Pond Decommissioning	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	\$76,876	\$75.95	0.222%

Overall cost of projects identified as of January 1, 2008 by the community of Madelia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1 (million)

Madison Lake COUNTY: Blue Earth POPULATION*: 837 MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,659

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
<i>--- Current ---</i>			
Madison Lake Regional forcemain	2.08	SFY 2008 PPL Sewer System 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>
2.08	\$159,902	\$451.13	1.010%

Overall cost of projects identified as of January 1, 2008 by the community of Madison Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.08 (million)

Mahnomen COUNTY: Mahnomen POPULATION*: 1,202 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,000

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
<i>--- Current ---</i>		
Main Pump Station and Forcemain No. 2; Interceptor	1.5	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Lift Station & Force Main	0.609	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.109	\$162,131	\$274.28	1.055%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Mahnomen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>2.109 (million)</i>

Manchester	COUNTY: Freeborn	POPULATION*:	81	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,786
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Manchester	1.5		SFY 2008 PPL Unsewered Area Project / Rank: 11		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.5	\$115,314	\$3,243.21	12.108		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Manchester as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.5 (million)</i>

Mankato	COUNTY: Blue Earth	POPULATION*:	32,427	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,956
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Stoltzman	0.41		Sewer System Project		
Ellis Birchwood	0.015		Sewer System Project		
Mills-Thompson Ravine	0.182		Sewer System Project		
rehab of primary and secondary clarifiers	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>		
3.007	\$231,166	\$16.82	0.050%		
--- 5 - 10 yr. ---					
Ellis MSU	0.016		Sewer System Project		
River Front	0.735		Sewer System Project		
Warren Street	0.102		Sewer System Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

UP R/W		0.37	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.223	\$94,019	\$6.84	0.020%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>4.23 (million)</i>

Maple Grove ******** **COUNTY: Hennepin** **POPULATION*: 50,365** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,111**

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---				
Comprehensive Sanitary Sewer System Plan Update	0.005	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.005	\$384	\$0.02	0.000%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Maple Grove as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.005 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Maple Grove				

Maple Lake **COUNTY: Wright** **POPULATION*: 1,633** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,047**

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---				
Maple Lake/Annandale Wastewater Facility (Cost	6.0662	SFY 2008 PPL Treatment Facilities Project / Rank: 141		
2008 Trunk Sewer Improvements	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>	
6.3662	\$489,408	\$709.29	1.648%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Maple Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>6.3662 (million)</i>

Maple Plain ******** **COUNTY: Hennepin** **POPULATION*: 2,088** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,938**

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Lift station control upgrade	0.035	Sewer System Project
Oak Street sanitary sewer improvements (Boundary to	0.235	Sewer System Project
Main street and east sewer improvements (Budd to	0.2	Sewer System Project
Sanitary sewer improvments - Boundary to Baker Park	0.315	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.785	\$60,348	\$70.54	0.138%

Overall cost of projects identified as of January 1, 2008 by the community of *Maple Plain* as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.785 (million)

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

Maplewood ** COUNTY: Ramsey POPULATION*: 34,947 MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,596**

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

2012 Rehabilitation	0.448	Sewer System Project
2011 Rehabilitation	0.55	Sewer System Project
2009 Rehabilitation	0.8	Sewer System Project
2010 Rehabilitation	0.3	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.098	\$161,286	\$10.55	0.020%

Overall cost of projects identified as of January 1, 2008 by the community of *Maplewood* as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.098 (million)

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

Marshall COUNTY: Lyon POPULATION*: 12,778 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,950

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Phosphorus Treatment	0.5	Wastewater Treatment Facilities Project
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Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.5	\$38,438	\$6.98	0.018%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2008 by the community of **Marshall** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)*

Mayer COUNTY: Carver POPULATION*: 404 MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,125

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sanitary Sewer Rehabilitation

0.035

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.035	\$2,691	\$13.31	0.028%

--- 5 - 10 yr. ---

Sludge Storage and WWTP Expansion

0.6

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>
0.6	\$46,126	\$228.09	0.474%

*Overall cost of projects identified as of January 1, 2008 by the community of **Mayer** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.635 (million)*

Mazeppa COUNTY: Wabasha POPULATION*: 80 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,375

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehabilitate & Expand Existing System

1.2

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2	\$92,251	\$2,243.95	6.169%

*Overall cost of projects identified as of January 1, 2008 by the community of **Mazeppa** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)*

MCES - Metro Council COUNTY: POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

--- Current ---

Mpls Interceptor 1-MN-303 Improvements	3.5	Sewer System Project
Plymouth Forcemain Improvements	5	Sewer System Project
Northwest Interceptor System Improvements	64.829	Sewer System Project
Northeast Interceptor System Improvements	62.79	Sewer System Project
Edina-Richfield Area Improv.	25.987	Sewer System Project
Septage Management	6	Sewer System Project
Elko-New Market Interceptor	44	Sewer System Project
Maple Plain Forcemain Relocation	3	Sewer System Project
Lift Station L-12 Improvements	4.5	Sewer System Project
Interceptor 1-MN-320 Reconnection and Rehab.	4.3	Sewer System Project
Mpls/St Paul Interceptor Improvements	44.904	Sewer System Project
Rosemount Interceptor	28	Sewer System Project
MWWTP Liquid Waste Discharge Site	4.4	Wastewater Treatment Facilities Project
MWWTP Space Utilization/Facilities Improvements	40.962	Wastewater Treatment Facilities Project
Shakopee Interceptor Improvements	0.5	Sewer System Project
Empire Service Area Capacity	156	Wastewater Treatment Facilities Project
Hastings WWTP	24.981	Wastewater Treatment Facilities Project
St. Croix Valley Headworks & Disinfection	2	Wastewater Treatment Facilities Project
Blue Lake Plant Improvements	216.578	Wastewater Treatment Facilities Project
South St. Paul LS/FM Improvements	45	Sewer System Project
Trout Brook Interceptor	4.2	Sewer System Project
Seneca Disinfection & Phosphorus	26	Wastewater Treatment Facilities Project
Riverview Siphon (SP-230)	10	Sewer System Project
Rural Area Acquisitions & Improvements	39.813	Sewer System Project
MWWTP Electrical Cable Replacement	3.9	Wastewater Treatment Facilities Project
Meter Improvements	12	Wastewater Treatment Facilities Project
Hopkins Forcemain Improvements	3.7	Sewer System Project
Wastewater Facilities Security Improvements	10.8	Sewer System Project
Systemwide Odor Control Improvements	7.998	Sewer System Project
SWC Interceptor - Lake Elmo Connections	17.382	Sewer System Project
Small System Improvement Projects	5.068	Wastewater Treatment Facilities Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Blaine Relief Interceptor	15	Sewer System Project
Golden Valley Area Improv.	30	Sewer System Project
Brooklyn Park Interceptor and LS Rehab	21	Sewer System Project
Interceptor Rehabilitation	27.695	Sewer System Project
Burnsville Interceptor Rehabilitation	2.5	Sewer System Project
East Maintenance Base	1.5	Sewer System Project
Chaska Lift Station	13	Sewer System Project
Dayton-Champlin Interceptor	14	Sewer System Project
MWWTP Solids Ordor, Centrifuge, Storage	22	Wastewater Treatment Facilities Project
MWWTP Solids - Biosolids Storage	12	Wastewater Treatment Facilities Project
Interceptor System Standby Power Improve	9.6	Sewer System Project
Lift Station Improvements	36	Sewer System Project
Interceptor WO-500 Rehabilitation	2.2	Sewer System Project
Chaska West Interceptor	23	Sewer System Project
Blue Lake System Improvements	112.908	Sewer System Project
Elm Creek Interceptor	72	Sewer System Project
Hopkins System Improvements	32.929	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1375.424	\$105,737,095	Annual Household Cost as % MHI
--- 5 - 10 yr. ---		
Mpls/St Paul Interceptor Improvements	55.096	Sewer System Project
Hopkins System Improvements	7.071	Sewer System Project
Blue Lake System Improvements	51.092	Sewer System Project
Blue Lake Plant Improvements	4.422	Wastewater Treatment Facilities Project
Seneca Plant Solids Processing Improve.	30	Wastewater Treatment Facilities Project
St. Croix Valley Headworks & Disinfection	1.5	Wastewater Treatment Facilities Project
Empire Plant - Phase II	10	Wastewater Treatment Facilities Project
Systemwide Odor Control Improvements	1.002	Sewer System Project
SWC Interceptor - Lake Elmo Connections	10.118	Sewer System Project
Small System Improvement Projects	19.432	Wastewater Treatment Facilities Project
Rural Area Acquisitions & Improvements	40.187	Sewer System Project
Northwest Interceptor System - Phase II	44	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Northeast Interceptor System Improvements - Phase II	48	Sewer System Project
Interceptor Rehabilitation - Major	50	Sewer System Project
Interceptor Rehabilitation	15.305	Sewer System Project
Northeast Interceptor System Improvements	25.21	Sewer System Project
Edina-Richfield Area Improv.	4.013	Sewer System Project
Blue Lake System Improvements - Phase II	48	Wastewater Treatment Facilities Project
Hastings WWTP	35.019	Wastewater Treatment Facilities Project
Northwest Interceptor System Improvements	120.171	Sewer System Project
MWWTP Space Utilization/Facilities Improvements	39.038	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
658.676	\$50,636,376	
--- 10 - 20 yr. ---		
Seneca Plant Solids Processing Improve.	50	Wastewater Treatment Facilities Project
Northwest Interceptor System - Phase II	36	Sewer System Project
Empire Plant - Phase II	10	Wastewater Treatment Facilities Project
Northeast Interceptor System Improvements - Phase II	52	Sewer System Project
Interceptor Rehabilitation - Major	100	Sewer System Project
Blue Lake System Improvements - Phase II	52	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
300	\$23,062,800	
Overall cost of projects identified as of January 1, 2008 by the community of MCES - Metro Council Env. Services		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		2334.1 (million)

McGrath COUNTY: Aitkin POPULATION*: 74 MEDIAN HOUSEHOLD INCOME (MHI)*: \$24,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

McGrath - Corrective Action Project	0.47	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.47	\$36,132	\$6.62 0.027%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **McGrath** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.47 (million)*

Meadowlands COUNTY: St. Louis POPULATION*: 111 MEDIAN HOUSEHOLD INCOME (MHI)*: \$20,625

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer extension on East CSAH 29 (Spruce Street) 0.25 SFY 2008 PPL Sewer System Project / Rank: 225

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$326.36	1.582%

*Overall cost of projects identified as of January 1, 2008 by the community of **Meadowlands** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)*

Medford COUNTY: Steele POPULATION*: 984 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,000

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

WWTF Expansion 1.525 SFY 2008 PPL Treatment Facilities 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>
1.525	\$117,236	\$279.87	0.560%

*Overall cost of projects identified as of January 1, 2008 by the community of **Medford** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.525 (million)*

Medicine Lake **** COUNTY: Hennepin POPULATION*: 368 MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

I & I reduction project 0.5 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$217.57	0.308%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2008 by the community of **Medicine Lake** 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 Medicine Lake

Melrose COUNTY: Stearns POPULATION*: 3,091 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,432

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

2004 Capital Improvements - Industrial Park 0.4 Sewer System Project

Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
 0.4 \$30,750 \$23.92 0.069%

*Overall cost of projects identified as of January 1, 2008 by the community of **Melrose** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)*

Menahga COUNTY: Wadena POPULATION*: 1,220 MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,232

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rittenhouse Extension 0.05 SFY 2008 PPL Sewer System Project / Rank: 187

Menahga Wastewater Treatment Facility 1.4625 SFY 2008 PPL Treatment Facilities Project / Rank: 151

Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
 1.5125 \$116,275 \$213.13 0.959%

*Overall cost of projects identified as of January 1, 2008 by the community of **Menahga** as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5125 (million)*

Mentor COUNTY: Polk POPULATION*: 150 MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,705

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Mentor 1.85 SFY 2008 PPL Unsewered Area Project / Rank: 129

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.85	\$142,221	\$1,560.96	7.192%

Overall cost of projects identified as of January 1, 2008 by the community of Mentor as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.85 (million)

Meriden Township	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		

Collection and Treatment for Unsewered Area 1.6241

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.6241	\$124,854		

Overall cost of projects identified as of January 1, 2008 by the community of Meriden Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.6241 (million)

Milaca	COUNTY: Mille Lacs	POPULATION*:	2,580	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,964
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- 5 - 10 yr. ---		

Milaca Wastewater Treatment Facility 13.1365 SFY 2008 PPL Treatment Facilities Project / Rank: 266

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.1365	\$1,009,882	\$815.15	3.023%

Overall cost of projects identified as of January 1, 2008 by the community of Milaca as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 13.136 (million)

Milroy	COUNTY: Redwood	POPULATION*:	271	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,625
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		

Sunrise Addition 0.5 Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$290.71	0.865%

Overall cost of projects identified as of January 1, 2008 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)

Miltona	COUNTY: Douglas	POPULATION*: 279	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,333
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Milroy	1.27	SFY 2008 PPL Sewer System Project / Rank: 170
Milroy Wastewater Treatment Facility Expansion	1.041	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>
2.311	\$177,660	\$1,366.62	4.823%

Overall cost of projects identified as of January 1, 2008 by the community of Milroy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.311 (million)

Minneapolis	COUNTY: Hennepin	POPULATION*: 382,618	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,974
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Minneapolis Capital Improvement Plan	12.1	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>
12.1	\$930,200	\$5.16	0.014%

Overall cost of projects identified as of January 1, 2008 by the community of Minneapolis 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 Minneapolis

Minneota	COUNTY: Lyon	POPULATION*: 1,449	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,375
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

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>
0.3	\$23,063	\$35.18	0.097%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Minnesota</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
<i>0.3 (million)</i>			

Minnesota Lake COUNTY: Fairbault POPULATION*: 681 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,896

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank	
--- Current ---			
Main Street Project	2.124	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.124	\$163,285	\$494.80	1.418%
Overall cost of projects identified as of January 1, 2008 by the community of Minnesota Lake			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
2.124 (million)			

Minnetonka ***** COUNTY: Hennepin POPULATION*: 51,301 MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,979

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
Infiltration and inflow reduction program	6.75	Sewer System Project		
Water Meter Replacement Program	4.5	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
11.25	\$864,855	\$36.38	0.052%	
Overall cost of projects identified as of January 1, 2008 by the community of Minnetonka				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				
11.25 (million)				

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

Minnetrista ***** COUNTY: Hennepin POPULATION*: 4,358 MEDIAN HOUSEHOLD INCOME (MHI)*: \$90,347

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

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--- Current ---

Annual Sewer Rehabilitation Program	0.062	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.062	\$4,766	\$2.85	0.003%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Minnetrista as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.062 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Minnetrista			

Montevideo

COUNTY: Chippewa POPULATION*: 5,346 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,447

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Upgrade of Wastewater Treatment Plant	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>
15	\$1,153,140	\$441.07	1.359%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Montevideo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>15 (million)</i>

Montgomery

COUNTY: Le Sueur POPULATION*: 2,794 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,145

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Boulevard Water and Sewer Rehab 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>
1	\$76,876	\$62.61	0.183%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Montgomery as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>1 (million)</i>

Monticello

COUNTY: Wright POPULATION*: 7,868 MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,384

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Marvin Road lift station pump replacement	0.265	Sewer System Project
Riverstreet Trunk sanitary sewer replacement	1	
Replace interceptor from hart blvd. to WWTP	0.37	Sewer System Project
12 inch YMCA development sanitary sewer	0.26	Sewer System Project
Otter Creek Force main Extension to SE I	1.8	Sewer System Project
In Signia Lift Station and Forcemain	0.38	Sewer System Project
12 inch Featherstone trunk sanitary sewer	0.5	Sewer System Project
Add 4th sbr tank	2.042	Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.617	\$508,688	\$155.51	0.343%

--- 5 - 10 yr. ---

Southeast Interceptor (Reservoir Lift Station to South	2.5	Sewer System Project
18 inch 85th st. ne sanitary trunk sewer	0.36	Sewer System Project
18 inch northwest trunk sanitary sewer phase 2	0.41	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.27	\$251,385	\$76.85	0.169%

--- 10 - 20 yr. ---

Southeast area lift station and forcemain	0.425	Sewer System Project
36 inch southeast interceptor phase 3	0.002006	Sewer System Project
18 inch southeast interceptor-east phase I	0.56	Sewer System Project
18 inch southeast interceptor-west phase 1	0.43	Sewer System Project
12 inch Southeast interceptor-east phase 2	0.63	Sewer System Project
Long Lake Lift Station and Forcemain	0.465	Sewer System Project
Add sbr tanks 5 and 6	6	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
8.512006	\$654,369	\$200.04	0.441%

Overall cost of projects identified as of January 1, 2008 by the community of Monticello as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 18.399 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Montrose COUNTY: Wright POPULATION*: 1,143 MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,583

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Emerson Avenue Reconstruct	0.011	Sewer System Project
1st St N and 2nd St S Reconstruct	0.14	Sewer System Project
Wastewater Treatment Facility Improvements	7	Wastewater Treatment Facilities Project
Sanitary Sewer Improvements	1.3	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
8.451	\$649,679	\$1,287.91 3.254%
--- 5 - 10 yr. ---		
TH 25 Improvements	0.7	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.7	\$53,813	\$106.68 0.270%
Overall cost of projects identified as of January 1, 2008 by the community of Montrose as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		9.151 (million)

Moorhead COUNTY: Clay POPULATION*: 32,177 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,781

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
High voltage distribution equipment	0.19	SFY 2008 PPL Treatment Facilities Project / Rank: 115
WWTP: Plant Air Compress Improv	0.6	SFY 2008 PPL Treatment Facilities Project / Rank: 115
Scum Handling Phase I	0.079	SFY 2008 PPL Treatment Facilities Project / Rank: 115
Maintenance Shop HVAC	0.16	SFY 2008 PPL Treatment Facilities Project / Rank: 115
WWTP: Disinfection System Improv	0.7	SFY 2008 PPL Treatment Facilities Project / Rank: 115
WWTP: Bar Screen Conveyor Improv	0.1	SFY 2008 PPL Treatment Facilities Project / Rank: 115
WWTP: WAS Magnetic Flow Meter/Valve Improv.	0.097	SFY 2008 PPL Treatment Facilities Project / Rank: 115
Plant Electrical system	0.37	SFY 2008 PPL Treatment Facilities Project / Rank: 115
Plant drains, pumps, pipes	0.039	SFY 2008 PPL Treatment Facilities Project / Rank: 115
Sanitary lift stations rehab and expansion #20	0.45	SFY 2008 PPL Sewer System Project / Rank: 115

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Oxygen generation system	0.39	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP:Water System Improv.	0.13	SFY 2008 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
3.305	\$254,075	\$19.61	0.056%
--- 5 - 10 yr. ---			
Disinfection Phase 2	0.53	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Oxygen System Compressor Phase 2	0.28	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Oxygen system compressor phase 1	0.57	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Primary Sludge pumps	0.18	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: RAS Pump VFD Improvements	0.142	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Scum Handling Phase 2	0.079	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP:Oxygen System Instrumentation	0.3	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: Final Clarifier Sludge System Improv.	1.67	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Sanitary Lift Stations Rehab and Expansion: # 19, #13	0.27	SFY 2008 PPL Sewer System Project / Rank:	115
WWTP: Digest Sludge Transfer Pump Improv	0.29	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: Screw pump Improv	0.66	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: Plant Flushing Water System	0.56	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: Oxygen System Pneumatic /Electric Controls	0.32	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: Aeration Mixer Improvements	1.06	SFY 2008 PPL Treatment Facilities Project / Rank:	115
WWTP: LOX storage tank improv	0.25	SFY 2008 PPL Treatment Facilities Project / Rank:	115
Effluent nitrification MMC, PLC	0.7	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
7.861	\$604,322	\$46.65	0.134%
--- 10 - 20 yr. ---			
WWTP: Vertical Turbine Pump Improv	0.66	Wastewater Treatment Facilities Project	
Scum Handling Phase 4	0.07	Wastewater Treatment Facilities Project	
WWTP: RAS Pump Valve Improvements	0.31	Wastewater Treatment Facilities Project	
Septage receiving equipment	0.022	Wastewater Treatment Facilities Project	
Secondary treatment MMC, PLC, HVAC	1.26	Wastewater Treatment Facilities Project	
Primary Scum collection	0.42	Wastewater Treatment Facilities Project	
Grit Pumps	0.07	Wastewater Treatment Facilities Project	
WWTP: Bar Screen Improv	1.32	Wastewater Treatment Facilities Project	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Grit Cyclone	0.07	Wastewater Treatment Facilities Project
WWTP:Primary Clarifier Drive	0.42	Wastewater Treatment Facilities Project
WWTP:Sludge Storage Pump and Control Improv	0.307	Wastewater Treatment Facilities Project
headworks equipment	1.76	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
6.689	\$514,224	\$39.69
Overall cost of projects identified as of January 1, 2008 by the community of		Annual Household Cost as % MHI
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.114%
Moorhead		17.855 (million)

Moose Lake	COUNTY: Carlton	POPULATION*:	2,239	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,130
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Replace forcemain		0.18	SFY 2008 PPL Sewer System Project / Rank: 18		
Repair forceman, replace sewer line, Expand capacity		1.96	SFY 2008 PPL Sewer System Project / Rank: 18		
Rehab Pond Structures		3.44	SFY 2008 PPL Treatment Facilities 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>		
5.58	\$428,968	\$669.10	2.466%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Moose Lake</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.58 (million)</i>			

Mora	COUNTY: Kanabec	POPULATION*:	3,193	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,566
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
I&I correction of manholes	0.3		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.3	\$23,063	\$15.03	0.049%		
--- 5 - 10 yr. ---					
Expand Sludge Storage	1		Wastewater Treatment Facilities Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$50.10	0.164%
--- 10 - 20 yr. ---			
Improve Screen Room	0.25	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$12.53	0.041%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Mora</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.55 (million)</i>

Morgan COUNTY: Redwood POPULATION*: 903 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,673

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
3rd Street 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>
0.15	\$11,531	\$27.53
--- 5 - 10 yr. ---		
Bar Screen Replacement	0.005	Wastewater Treatment Facilities Project
TH 67 Interceptor Replacement	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>
0.655	\$50,354	\$120.21
<i>Overall cost of projects identified as of January 1, 2008 by the community of Morgan</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		

Morris COUNTY: Stevens POPULATION*: 5,068 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,786

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Collega Ave Sewer Rehabilitation	0.068	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.068	\$5,228	\$2.44	0.008%
--- 5 - 10 yr. ---			
Highland Homes Addition	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	\$26,599	\$12.41	0.039%
<i>Overall cost of projects identified as of January 1, 2008 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>			0.414 (million)

Motely	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Rehab Collection and WWTF & Advanced Treatment		2.5	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.5	\$192,190		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Motely</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.5 (million)

Mountain Iron	COUNTY: St. Louis	POPULATION*:	2,999	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,163
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Rehab existing treatment plant	0.53		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>		
0.53	\$40,744	\$27.65	0.079%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Mountain Iron</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>0.53 (million)</i>					

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

Myrtle	COUNTY: Freeborn	POPULATION*:	63	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,125
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Myrtle		1.3	SFY 2008 PPL Unsewered Area Project / Rank: 12		
<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	\$99,939		\$2,998.16	12.965	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Myrtle</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>1.3 (million)</i>			

Nashwauk	COUNTY: Itasca	POPULATION*:	935	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,146
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Sewer Rehab.	1.2433				
Sewer Extension Expanding Existing System & Treat	2.7592				
<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>	
4.0025	\$307,696		\$638.08	2.440%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Nashwauk</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>4.0025 (million)</i>		

New Germany	COUNTY: Carver	POPULATION*:	450	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,094
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Sewer Treatment		3.5		Wastewater Treatment Facilities Project	
Northwest Area Improvements		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>	
4.5	\$345,942		\$35.93	0.100%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of New Germany as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)

New Munich COUNTY: Stearns POPULATION*: 4,559 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Expand WWTF 0.4

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.4	\$30,750	\$16.34	0.042%

Overall cost of projects identified as of January 1, 2008 by the community of New Munich as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)

New Prague COUNTY: Scott POPULATION*: 116 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Wastewater treatment plant 28.54 SFY 2008 PPL Treatment Facilities Project / Rank: 26

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
28.54	\$2,194,041	\$63,697.97	152.570%

Overall cost of projects identified as of January 1, 2008 by the community of New Prague as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 28.54 (million)

New Richland COUNTY: Waseca POPULATION*: 1,359 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,406

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

3rd Street N.E. Lift Station Replacement	0.1	Sewer System Project
Phosphorus Removal	0.15	Wastewater Treatment Facilities Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.25	\$19,219	\$3.15	0.009%

Overall cost of projects identified as of January 1, 2008 by the community of New Richland as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)

New York Mills	COUNTY: Otter Tail	POPULATION*: 3,715	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,596
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

So. Main Utilities Rehab	1.4	Sewer System Project
Nowell/VanAernam St Utilities Rehab	0.8	Sewer System Project
Utility Rehabilitation - Tousley Avenue	0.8	Sewer System Project
Gilman/Hayes/Walker St Utilities Rehab	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>
4.4	\$338,254	\$214.69	0.778%

Overall cost of projects identified as of January 1, 2008 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 4.4 (million)

Nielsenville	COUNTY: Polk	POPULATION*: 91	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,750
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Lagoon Rehab	0.37	SFY 2008 PPL Treatment Facilities Project / Rank: 227
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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>
0.37	\$28,444	\$639.99	2.306%

--- 10 - 20 yr. ---

Sewer Replacement	0.1	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$172.97	0.623%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

Nisswa COUNTY: Crow Wing POPULATION*: 1,953 MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,306

Overall cost of projects identified as of January 1, 2008 by the community of Nisswa as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs	8.845 (million)
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Digester Boiler	0.2	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.2	\$15.375	Annual Household Cost as % MHI

Overall cost of projects identified as of January 1, 2008 by the community of	North Koochiching Area District
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs	0.2 (million)

North Mankato COUNTY: Nicollet POPULATION*: 3,883 MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,816

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Sewer System extensions/Rehabilitations	3.1	Sewer System Project

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.8	\$522,757	\$361.91	0.741%
<i>Overall cost of projects identified as of January 1, 2008 by the community of North Mankato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>6.8 (million)</i>

North Shore - Duluth

COUNTY: St. Louis POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
<i>--- Current ---</i>		
North Shore Phase 2 Connect Knife River to DNSSD	1.65	Sewer System Project
North Shore Phase 2 Connect Knife River to DNSSD	1.65	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
3.3	\$253,691	
<i>Overall cost of projects identified as of January 1, 2008 by the community of North Shore - Duluth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>3.3 (million)</i>

Northern Township

COUNTY: Beltrami POPULATION*: 4,021 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
<i>--- Current ---</i>		
Northern Twsp.	7.62	SFY 2008 PPL Unsewered Area Project / Rank: 228
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
7.62	\$585,795	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Northern Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		<i>7.62 (million)</i>

Northfield

COUNTY: Rice POPULATION*: 11,798 MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,972

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Poplar Reconstruction	0.18	Sewer System Project
Southern Cannon river Crossing	0.6	Sewer System Project
Plum Street: St. Olaf to Greenvale	0.2	Sewer System Project
9th Street - Spring to T.H. 3	0.15	Sewer System Project
T.H. 3 Trunk Sewer Expansion	1	Sewer System Project
Linden Street: St. Olaf to Greewalk	0.2	Sewer System Project
1st Street: Madison to Linden	0.39	Sewer System Project
Hall Avenue	0.85	Sewer System Project
Winona and Cougar Streets	0.3	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.87	\$297,510	\$56.44	0.113%

--- 5 - 10 yr. ---

Theater: Behind Babcock Lane	0.1	Sewer System Project
Fareway Drive	0.19	Sewer System Project
Second Street West: Lincoln St to TH 3	0.5	Sewer System Project
Sixth Street: Division St to East end	0.34	Sewer System Project
Girl Scout Line: East side of T.H.3	0.1	Sewer System Project
Florellas: Multek to Florellas South Edge	0.1	Sewer System Project
Fouth Street: Division Street to East End	0.3	Sewer System Project
Maple Street: Woodley st to East Ridge Drive	0.66	Sewer System Project
Orchard Street:Greenvale Ave to St. Olaf Ave.	0.22	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.51	\$192,959	\$36.61	0.073%

Overall cost of projects identified as of January 1, 2008 by the community of Northfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.38 (million)

Oak Grove

COUNTY: Anoka POPULATION*: 3,957 MEDIAN HOUSEHOLD INCOME (MHI)*: \$70,169

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Northeast Sewer System		1.4	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates</i>	<i>(millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.4		\$107,626	\$63.39	0.090%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Oak Grove as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
				<i>1.4 (million)</i>

Oakdale ***** COUNTY: Washington POPULATION*: 6,903 MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,299

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- 5 - 10 yr. ---

ABS Sewer Lining Program	0.67	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.67	\$51,507	\$21.07	0.037%

Overall cost of projects identified as of January 1, 2008 by the community of Oakdale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.67 (million)*
 ***** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Oakdale

Odessa COUNTY: Big Stone POPULATION*: 113 MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,125

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- 5 - 10 yr. ---

Replacement of Collection System and Lift Station		1.2978	SFY 2008 PPL Sewer System Project / Rank: 45	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.2978	\$99,770	\$1,632.59	7.060%	

Overall cost of projects identified as of January 1, 2008 by the community of Odessa as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *1.2978 (million)*

Ogilvie COUNTY: Kanabec POPULATION*: 474 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,292

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*
 --- 5 - 10 yr. ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

WWTF Improvements		3.5	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>	
3.5	\$269,066	\$1,330.55	4.875%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Ogilvie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>3.5 (million)</i>

Ormsby COUNTY: Watonwan POPULATION*: 154 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Ormsby 1.8 SFY 2008 PPL Unsewered Area Project / Rank: 229

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.8	\$138,377	\$1,915.99	5.109%	

Overall cost of projects identified as of January 1, 2008 by the community of Ormsby as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *1.8 (million)*

Ortonville COUNTY: Big Stone POPULATION*: 2,158 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,614

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Ortonville 0.655 SFY 2008 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>	
0.655	\$50,354	\$49.10	0.160%	

Overall cost of projects identified as of January 1, 2008 by the community of Ortonville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.655 (million)*

Osakis COUNTY: Douglas POPULATION*: 1,567 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,833

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Inlarge Secondary Pond & Rehab.	5.5		SFY 2008 PPL Treatment Facilities 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>	
5.5	\$422,818	\$575.70	1.930%	
Overall cost of projects identified as of January 1, 2008 by the community of Osakis				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.5 (million)	

Ostrander	COUNTY: Fillmore	POPULATION*: 212	MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,875	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 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 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438	\$345.94	0.826%	
Overall cost of projects identified as of January 1, 2008 by the community of Ostrander				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.5 (million)	

Ottertail	COUNTY: Otter Tail	POPULATION*: 451	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,188	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---				
Unsewered Collection and Treatment	3.198		SFY 2008 PPL Unsewered Area 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>	
3.198	\$245,849	\$1,164.55	3.618%	
Overall cost of projects identified as of January 1, 2008 by the community of Ottertail				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3.198 (million)	

Owatonna	COUNTY: Steele	POPULATION*: 22,434	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,660	
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---				

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Owatonna WWT Facility Expansion	32	Wastewater Treatment Facilities Project
Phosphorus Removal	5.5	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
37.5	\$2,882,850	\$298.09
--- 5 - 10 yr. ---		Annual Household Cost as % MHI
		0.653%
Southeast Sanitary Sewer Trunk Line	14	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
14	\$1,076,264	\$111.29
		Annual Household Cost as % MHI
		0.244%
Overall cost of projects identified as of January 1, 2008 by the community of Owatonna		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
51.5 (million)		

Park Rapids	COUNTY: Hubbard	POPULATION*:	991	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,628
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Second Street Utilities	0.764		Sewer System Project		
Lift Station Rehabilitation	0.059		Sewer System Project		
Main Avenue Utility Project	1.95		Sewer System Project		
Riverside Avenue Utilities	0.872		Sewer System Project		
Airport Utilities	0.294		Sewer System Project		
Sixth and Seventh Street West Utilities	0.979		Sewer System Project		
Fourth Street West Utilities	0.373		Sewer System Project		
Third Street Utilites	0.622		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>	
5.913	\$454,568		\$1,020.23	4.318%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>			<i>Park Rapids</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5.913 (million)</i>		

Parkers Prairie	COUNTY: Otter Tail	POPULATION*:	3,276	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,618
Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank			

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Parkers Prairie	0.64	SFY 2008 PPL Sewer System Project / Rank: 232
Water main and sewer extension, campbell p[ark]	0.287422	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.927422	\$71,296	\$43.47	0.152%

Overall cost of projects identified as of January 1, 2008 by the community of Parkers Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.9274 (million)

Paynesville

COUNTY: Stearns	POPULATION*: 2,267	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,000
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Expand Basins and RIB	1.41	
2008 Street IMP	1.8	Sewer System Project
RIB and Wastewater Facility Plan	0.718	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>
3.928	\$301,969	\$290.98	0.856%

Overall cost of projects identified as of January 1, 2008 by the community of Paynesville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.928 (million)

Pelican Group of Lakes

COUNTY: Grant	POPULATION*: 0	MEDIAN HOUSEHOLD INCOME (MHI)*: \$0
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Pelican Group of Lakes Improvement Dist	16.95	SFY 2008 PPL Unsewered Area Project / Rank: 233
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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>
16.95	\$1,303,048		

Overall cost of projects identified as of January 1, 2008 by the community of Pelican Group of Lakes Improvement Dist as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 16.95 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Pelican Rapids COUNTY: Otter Tail POPULATION*: 2,374 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,232

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Pelican Rapids WWTF Rehabilitation and Advance

4.373

Pelican Rapids

2.5

SFY 2008 PPL Sewer System Project / Rank: 49

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.873	\$528,369	\$537.93	1.975%

Overall cost of projects identified as of January 1, 2008 by the community of Pelican Rapids as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.873 (million)

Pequot Lakes COUNTY: Crow Wing POPULATION*: 947 MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,812

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab. Collection System, Treatment Facilities Add

4

Expansion of Collection System - Highway 371 Area

0.75

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.75	\$365,161	\$686.11	2.881%

Overall cost of projects identified as of January 1, 2008 by the community of Pequot Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.75 (million)

Perham COUNTY: Otter Tail POPULATION*: 2,559 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,397

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Wastewater treatment facility expansion & Infiltration

2.01

SFY 2008 PPL Treatment Facilities Project / Rank: 234

First avenue South street and utility improvements

0.13

Sewer System Project

Third street SW (hospital) street and utility

0.051

Sewer System Project

Eighth Avenue SW/VFW lift station

0.177

Sewer System Project

Fifth avenue SE street and utility improvements

0.153

Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Barrel O'Fun Lift Station	0.1	Sewer System Project		
Third avenue southwest street and utility improvements	0.13	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.751	\$211,486	\$172.41	0.607%	
Overall cost of projects identified as of January 1, 2008 by the community of Perham				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			2.751 (million)	

Perley COUNTY: Norman POPULATION*: 121 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab Collection and Treatment System 1.116

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.116	\$85,794	\$1,456.87	4.662%	

Overall cost of projects identified as of January 1, 2008 by the community of Perley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.116 (million)

Peterson COUNTY: Fillmore POPULATION*: 269 MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,781

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Construct New WWTF 0.7 SFY 2008 PPL Treatment Facilities Project / Rank: 169

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.7	\$53,813	\$494.20	1.381%	

Overall cost of projects identified as of January 1, 2008 by the community of Peterson
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7 (million)

Pine City COUNTY: Pine POPULATION*: 3,043 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,118

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Replace existing facility with a mechanical plant

30

SFY 2008 PPL Treatment Facilities 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>
30	\$2,306,280	\$1,698.57	5.833%

Overall cost of projects identified as of January 1, 2008 by the community of Pine City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 30 (million)

Pine Island

COUNTY: Goodhue POPULATION*: 2,337 MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,500

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

AUAR

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>
7	\$538,132	\$560.55	1.180%

Overall cost of projects identified as of January 1, 2008 by the community of Pine Island as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7 (million)

Pipestone

COUNTY: Pipestone POPULATION*: 4,280 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,412

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Phase 3

0.7

Sewer System Project

Phase 2 Slip Lining

0.161

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.861	\$66,190	\$31.35	0.103%

--- 5 - 10 yr. ---

Phase 4

0.5

Sewer System Project

Phase 5

1.7

Sewer System Project

Phase 1B

1.7

Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.9	\$299,816	\$142.02	0.467%
--- 10 - 20 yr. ---			
Phase 6	1.3	Sewer System Project	
Phase 8	0.46	Sewer System Project	
Phase 7	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>
3.06	\$235,241	\$111.43	0.366%
Overall cost of projects identified as of January 1, 2008 by the community of Pipestone as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			7.821 (million)

Plymouth **** COUNTY: Hennepin POPULATION*: 65,894 MEDIAN HOUSEHOLD INCOME (MHI)*: \$77,008

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Rehab of Sewer Line	0.39	Sewer System Project
Imperial Hills Lift Station Rehab	0.75	Sewer System Project
Pike Lake Lift Station Rehab	0.75	Sewer System Project
Bass Lake Lift Station Rehab	0.6	Sewer System Project
28th Ave. Lift Station Rehab	0.6	Sewer System Project
Annual Sewer Lining Project	0.36	Sewer System Project
Sewer Main and Lift Station - Vicksburg and 54th to	0.41	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
3.86	\$296,741	\$10.76
Annual Household Cost as % MHI		
0.014%		
--- 5 - 10 yr. ---		
Bass Lake Plaza Lift Station Rehab	0.19	Sewer System Project
Kingswood Farm Lift Station Rehab	0.19	Sewer System Project
Green Tree Lift Station Rehab	0.19	Sewer System Project
Ferndale North Lift Station Rehab	0.19	Sewer System Project
Waterfront Lift Station Rehab	0.22	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.98	\$75,338	\$2.73	0.004%
--- 10 - 20 yr. ---			
Future Development	16.8	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>
16.8	\$1,291,517	\$46.83	0.061%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Plymouth</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			21.64 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Plymouth

Pope County - Lk	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Pope County - Lk Minnewaska/Lk Pelican	15.25	SFY 2008 PPL Unsewered Area Project / Rank: 235	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
15.25	\$1,172,359		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Pope County - Lk Minnewaska/Lk Pelican</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			15.25 (million)

Princeton	COUNTY: Mille Lacs	POPULATION*:	3,933	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,216
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Expansion of Existing Wastewater Facilities	19		SFY 2008 PPL Treatment Facilities Project / Rank: 166		
Smith system Road Sewer Improvements	0.884833		Sewer System Project		
NW Trunk sewer Extension Phase 2	0.772		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
20.656833	\$1,588,015	\$880.06	2.499%		
--- 5 - 10 yr. ---					
NW trunk sewer extension Phase 3	0.446995		Sewer System Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.446995	\$34,363	\$19.04	0.054%
--- 10 - 20 yr. ---			
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>
1.650255	\$126,865	\$70.31	0.200%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Princeton</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			22.754 (million)

Prior Lake	****	COUNTY: Scott	POPULATION*: 15,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$75,363
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Sewer Slip Lining	0.68		Sewer System Project	
Lift Station Renovation (5 Yr Plan)	0.26		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.94	\$72,263	\$11.52	0.015%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Prior Lake</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.94 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Prior Lake				

Proctor	COUNTY: St. Louis	POPULATION*: 2,852	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,322
Project(s)	Cost Estimate (millions)		Project Type / SFY 2008 PPL Listed - Rank
--- Current ---			
Proctor	0.15	SFY 2008 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
0.15	\$11,531	\$8.68	0.023%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2008 by the community of Proctor as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.15 (million)

Quamba COUNTY: Kanabec POPULATION*: 98 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,125

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Quamba 1.46 SFY 2008 PPL Unsewered Area Project / Rank: 157

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.46	\$112,239	\$3,061.06	8.029%

Overall cost of projects identified as of January 1, 2008 by the community of Quamba as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.46 (million)

Racine COUNTY: Mower POPULATION*: 355 MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab/expand existing system 0.52 SFY 2008 PPL Treatment Facilities Project / Rank: 236

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.52	\$39,976	\$297.34	0.553%

Overall cost of projects identified as of January 1, 2008 by the community of Racine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.52 (million)

Randolph COUNTY: Dakota POPULATION*: 318 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Randolph 3.72 SFY 2008 PPL Unsewered Area Project / Rank: 237

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.72	\$285,979	\$2,199.84	5.146%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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*Overall cost of projects identified as of January 1, 2008 by the community of Randolph
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.72 (million)*

Red Rock Township -	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME
(MHI)*:			

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Unsewered Area Collection and Treatment	0.421	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.421	\$32,365	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Red Rock Township - Nicolville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.421 (million)</i>		

Red Wing	COUNTY: Goodhue	POPULATION*:	16,116	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,674
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Trickling Filter/RBC Upgrade	2.2	Wastewater Treatment Facilities Project
Wastewater Treatment Facility Improvements	3	Wastewater Treatment Facilities Project
Main Lift Station Upgrade	0.356	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
5.556	\$427,123	\$58.58 0.134%
--- 5 - 10 yr. ---		
Various developments and reconstruction	5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
5	\$384,380	\$52.72 0.121%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Red Wing as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.556 (million)</i>		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Redwood Falls COUNTY: Redwood POPULATION*: 5,459 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,812

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Phosphorous Removal - Spray Irrigation	7	Wastewater Treatment Facilities Project
Drew Street Sewer Line Replacement	0.5	Sewer System Project
Industrial Park Phase 2	0.243	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
7.743	\$595,251	\$236.42 0.609%
--- 5 - 10 yr. ---		
County Road No. 1 improvement	0.45	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.45	\$34,594	\$13.74 0.035%
Overall cost of projects identified as of January 1, 2008 by the community of Redwood Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		8.193 (million)

Renville COUNTY: Renville POPULATION*: 1,323 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,206

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Wastewater Improvements	4.469	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
4.469	\$343,559	\$608.67 1.636%
--- 5 - 10 yr. ---		
WWTP Upgrade	3.523	SFY 2008 PPL Treatment Facilities Project / Rank: 41
Sanitary Sewer Upgrade	0.717	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
4.24	\$325,954	\$577.48 1.552%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

Overall cost of projects identified as of January 1, 2008 by the community of Renville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.709 (million)

Rice Lake Township

COUNTY: St. Louis POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Rice Lake Township	4.89	SFY 2008 PPL Unsewered Area Project / Rank: 238
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
4.89	\$375,924	

Overall cost of projects identified as of January 1, 2008 by the community of Rice Lake Township as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.89 (million)

Richfield

**** COUNTY: Hennepin POPULATION*: 34,439 MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,519

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Renovation of lift station (ice arena)	0.03	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
0.03	\$2,306	\$0.14 0.000%
--- 5 - 10 yr. ---		
Manhole cover replacement 100 a yr until they are all	0.01	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
0.01	\$769	\$0.05 0.000%
--- 10 - 20 yr. ---		
Rehab of 1500-2000 ft of sewer main a yr	0.05	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
0.05	\$3,844	\$0.23 0.001%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Richfield**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.09 (million)**
 **** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Richfield

Rochester COUNTY: Olmsted POPULATION*: 91,264 MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,090

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Northwest Kings Run Trunk Line Relief Sewer	3.98	Sewer System Project
Sewer Tunnel to Serve Northwest Area and Hadley	23	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
26.98	\$2,074,114	\$52.81 0.108%
--- 5 - 10 yr. ---		
Water Reclamation Plant: Future Plant Expansion	36	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
36	\$2,767,536	\$70.47 0.144%

Overall cost of projects identified as of January 1, 2008 by the community of **Rochester**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **62.98 (million)**

Rockford COUNTY: Wright POPULATION*: 3,484 MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,349

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- 5 - 10 yr. ---		
Miscellaneous WWTP Upgrades	2.3	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
2.3	\$176,815	\$122.79 0.239%

Overall cost of projects identified as of January 1, 2008 by the community of **Rockford**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **2.3 (million)**

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Rogers COUNTY: Hennepin POPULATION*: 3,588 MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,143

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
S.C.A.D.A. at Plant	0.35	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.35	\$26,907	\$20.26 0.028%
--- 5 - 10 yr. ---		
Secondary Treatment Expansion	9	Wastewater Treatment Facilities Project
Lab Upgrade/Replacement	0.56	Wastewater Treatment Facilities Project
UV Upgrade and Expansion	0.12	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
9.68	\$744,160	\$560.45 0.766%
Overall cost of projects identified as of January 1, 2008 by the community of Rogers as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		10.03 (million)

Rose Creek COUNTY: Mower POPULATION*: 354 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,841

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Rehab Collection System - Reduce I/i	0.5429	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.5429	\$41,736	\$262.67 0.613%
Overall cost of projects identified as of January 1, 2008 by the community of Rose Creek as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		0.5429 (million)

Roseville ***** COUNTY: Ramsey POPULATION*: 33,690 MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,056

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Sanitary Sewer Capital Improvements 2005-2025	4	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4	\$307,504	\$18.96	0.037%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of Roseville</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>4 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Roseville				

Royalton	COUNTY: Morrison	POPULATION*:	816	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,173
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
WWTF expansion	1.6		SFY 2008 PPL Treatment Facilities Project / Rank: 120		
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>		
3.5	\$269,066	\$752.05	2.267%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Royalton</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>3.5 (million)</i>		

Russell	COUNTY: Lyon	POPULATION*:	371	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,045
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
no current project	0.1		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.1	\$7,688	\$44.07	0.138%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Russell</i>					
<i>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. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Rutledge COUNTY: Pine POPULATION*: 196 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rutledge 1.29 SFY 2008 PPL Unsewered Area Project / Rank: 239

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.29	\$99,170	\$1,144.27	3.390%

Overall cost of projects identified as of January 1, 2008 by the community of Rutledge as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.29 (million)

Sandstone COUNTY: Pine POPULATION*: 1,549 MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,265

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Wastewater Facility Plan 0.05 Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.05	\$3,844	\$5.96	0.015%

Overall cost of projects identified as of January 1, 2008 by the community of Sandstone as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.05 (million)

Sartell COUNTY: Stearns POPULATION*: 9,641 MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,531

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

L.S. #8 Removal 0.24 Sewer System Project

Southwest Trunk 1.06 Sewer System Project

Mill Trunk reconstruction 1.39 Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.69	\$206,796	\$54.06	0.103%

--- 5 - 10 yr. ---

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

L.S. #3 Forcemain replacement	0.21	Sewer System Project	
L.S. #15 Forcemain	0.1	Sewer System Project	
L.S. #13	0.52	Sewer System Project	
Townline tank	0.68	Sewer System Project	
L.S. #15	0.2	Sewer System Project	
Woeline Tank	0.57	Wastewater Treatment Facilities Project	
L.S. #12	0.72	Sewer System Project	
Northeast Trunk	0.96	Sewer System Project	
Riverside Trunk reconstruction	3.66	Sewer System Project	
East Central Trunk Line	0.54	Sewer System Project	
St Cloud Forcemain	9.55	Sewer System Project	
South Pine Cone Spur Line	0.27	Sewer System Project	
L.S. #2 Reconstruction	0.59	Sewer System Project	
L.S. #11	0.52	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
19.09	\$1,467,563	\$383.62	0.730%
--- 10 - 20 yr. ---			
L.S. #14 Forcemain	0.17	Sewer System Project	
L.S. #14	0.46	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.63	\$48,432	\$12.66	0.024%
Overall cost of projects identified as of January 1, 2008 by the community of Sartell			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			22.41 (million)

Sauk Centre	COUNTY: Stearns	POPULATION*: 3,930	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,644
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Sauk Centre - Ash Street South and Pine Street North,	0.235	Sewer System Project	
Wastewater Plant Upgrade	8.9	Wastewater Treatment Facilities Project	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
9.135	\$702,262	\$391.11	1.039%
--- 5 - 10 yr. ---			
Sauk Centre Pine Street & Birch Street South- Sewer	0.4	Sewer System Project	
Birch and Pine Street South - Rehab/Replacement	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>
0.8	\$61,501	\$34.25	0.091%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Sauk Centre as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			9.935 (million)

Sauk Rapids COUNTY: Benton POPULATION*: 10,213 MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,857

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Curb and Street Rehab	0.579	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
0.579	\$44,511	\$10.22
		Annual Household Cost as % MHI
		0.022%
Overall cost of projects identified as of January 1, 2008 by the community of Sauk Rapids		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.579 (million)

Savage ***** COUNTY: Scott POPULATION*: 21,115 MEDIAN HOUSEHOLD INCOME (MHI)*: \$75,097

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
Hamilton District - Phases IV, V & VI	4.2	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
4.2	\$322,879	\$42.69	0.057%	
Overall cost of projects identified as of January 1, 2008 by the community of		Savage		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		4.2 (million)		
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Savage				

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

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Scanlon COUNTY: Carlton POPULATION*: 838 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,857

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer replacement - 23rd - Washington to Sahlman	0.15	Sewer System Project
Tall Pine Lane sewer improvement	0.051	Sewer System Project
Sewer replacement 27th - Jefferson - to Sahlman	0.188	Sewer System Project
Slip lining 22nd - Prospect - to Sahlman	0.048	Sewer System Project
Sewer Replacement 24th street to Sahlman to	0.104	Sewer System Project
Sewer replacement Jefferson- 26th to 28th	0.043	Sewer System Project
Sewer replacement - Scanlon Way - Bridge to Lincoln	0.105	Sewer System Project
Sewer replacement - Sahlman - 22nd to 29th	0.182	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.871	\$66,959	\$165.10	0.385%

Overall cost of projects identified as of January 1, 2008 by the community of Scanlon as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.871 (million)

Seaforth COUNTY: Redwood POPULATION*: 77 MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,143

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Seaforth Wastewater	0.9	
Seaforth Wastewater	0.9	SFY 2008 PPL Sewer System Project / Rank: 20

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.8	\$138,377	\$3,365.92	12.401

Overall cost of projects identified as of January 1, 2008 by the community of Seaforth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.8 (million)

Shelly COUNTY: Norman POPULATION*: 266 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

--- Current ---

Shelly			1.2	SFY 2008 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>		
1.2	\$92,251	\$747.98	2.602%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Shelly as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>1.2 (million)</i>

Sherburn

COUNTY: Martin POPULATION*: 1,082 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,643

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Inflow/infiltration		0.135	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.135	\$10,378	\$19.30	0.072%		

--- 5 - 10 yr. ---

Rehabilitation		0.35	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>		
0.35	\$26,907	\$50.03	0.188%		

Overall cost of projects identified as of January 1, 2008 by the community of Sherburn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs *0.485 (million)*

Shoreview

**** COUNTY: Ramsey POPULATION*: 25,924 MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,719

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Lift Station rehabilitation - Multiple sites	0.25	Sewer System Project			
Hawes Avenue, Demar Avenue street reconstruction	0.051	Sewer System Project			
County road F, Floral Drive Reconstruction	0.062	Sewer System Project			
sanitary sewer rehabilitation	0.055	Sewer System Project			
Woodbridge neighborhood reconstruction	0.305				

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Hanson road, Oakridge Avenue street reconstruction	0.043	Sewer System Project		
Sanitary sewer rehabilitation	0.05	Sewer System Project		
Emmert Street neighborhood reconstruction	0.399	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.215	\$93,404	\$8.30	0.012%	
--- 5 - 10 yr. ---				
repair/rehabilitation 2013-2018	1.102	Sewer System Project		
<i>Subtotal of 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	\$84,717	\$7.53	0.011%	
--- 10 - 20 yr. ---				
repair/rehabilitation, 2018-2028	2.955	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>	
2.955	\$227,169	\$20.19	0.029%	
<i>Overall cost of projects identified as of January 1, 2008 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>5.272 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shoreview				

Shorewood **** COUNTY: Hennepin POPULATION*: 7,400 MEDIAN HOUSEHOLD INCOME (MHI)*: \$96,589

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank		
--- Current ---				
Rehabilitation of Lift station No. 12	0.115	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.115	\$8,841	\$3.15	0.003%	
Overall cost of projects identified as of January 1, 2008 by the community of		Shorewood		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.115 (million)		
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shorewood				

Silver Creek Township - COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Silver Creek Township - Castle Danger II	3.61	SFY 2008 PPL Unsewered Area Project / Rank: 240
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
3.61	\$277,522	
Overall cost of projects identified as of January 1, 2008 by the community of Silver Creek Township - Castle Danger II		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		3.61 (million)

Silver Creek Township - COUNTY: St. Louis POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Silver Creek Township - Stewart River	5.3	SFY 2008 PPL Unsewered Area Project / Rank: 154
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
5.3	\$407,443	
Overall cost of projects identified as of January 1, 2008 by the community of Silver Creek Township - Stewart River		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		5.3 (million)

Slayton COUNTY: Murray POPULATION*: 2,072 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,500

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Infiltration / Inflow Correction	0.05	Sewer System Project
Force Main Replacement	0.1	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost*** Annual Household Cost as % MHI</i>
0.15	\$11,531	\$11.35 0.031%
Overall cost of projects identified as of January 1, 2008 by the community of Slayton		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.15 (million)

Sleepy Eye COUNTY: Brown POPULATION*: 3,515 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,123

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 5 - 10 yr. ---

Ongoing Sewer Rehab

1.051

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.051	\$80,797	\$49.17	0.132%

Overall cost of projects identified as of January 1, 2008 by the community of Sleepy Eye as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.051 (million)

Spicer

COUNTY: Kandiyohi POPULATION*: 1,126 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,913

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Lake Avenue (CSAH 10) Improvements

4.158

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.158	\$319,650	\$544.86	1.607%

Overall cost of projects identified as of January 1, 2008 by the community of Spicer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.158 (million)

Spring Grove

COUNTY: Houston POPULATION*: 1,304 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,643

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Upgrade Trickling Filter, Add sludge storage - sludge

0.305

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>
0.305	\$23,447	\$36.32	0.123%

Overall cost of projects identified as of January 1, 2008 by the community of Spring Grove as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.305 (million)

St. Cloud

COUNTY: Stearns POPULATION*: 59,107 MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,346

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

--- Current ---

West Airport Interceptor Sewer	3.174	Sewer System Project
8th Avenue North from 8th Street North to 12th Street	0.424	Sewer System Project
Area between 9th and 12th Avenue North from BNSF	0.75	Sewer System Project
Area between 9th and 17th Avenue North from 9th to	0.75	Sewer System Project
St. Cloud WWTF Expansion	45.6	Wastewater Treatment Facilities Project
Area between 9th and 13th avenue north from 11th to	0.838	Sewer System Project
Cooper Avenue South from 33rd to 40th Street south	0.2	Sewer System Project
Area between TH 23 and 3rd street north from Cooper	1.071	Sewer System Project
Area between 3rd street north and BNSF from Cooper	0.765	Sewer System Project
40th street South between CSAH 75 and Cooper	0.354	Sewer System Project
4th Avenue SE between East Street Germain and TH	0.731	Sewer System Project
2004 Liberty Glen Improvements	0.45	Sewer System Project
8th Avenue North from 12th to 15th Street North	0.2	Sewer System Project
Parkwood Lift Station rehabilitation	0.552	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
55.859	\$4,294,216	\$170.62	0.457%

Overall cost of projects identified as of January 1, 2008 by the community of St. Cloud
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 55.859 (million)

St. Francis	COUNTY: Anoka	POPULATION*:	4,910	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,982
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Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
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--- Current ---

Corrective Action Plan Project	1.99	SFY 2008 PPL Treatment Facilities Project / Rank: 241
East Wastewater Treatment Facility	6.9	SFY 2008 PPL Treatment Facilities Project / Rank: 241
TH 47 Sewer & Water Extension	2.736	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
11.626	\$893,760	\$491.08	0.945%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of St. Francis as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.626 (million)

St. Hilaire COUNTY: Pennington POPULATION*: 272 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab/expand existing system 1.9113 SFY 2008 PPL Treatment Facilities Project / Rank: 109

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
1.9113 \$146,933 \$1,092.89 4.163%

Overall cost of projects identified as of January 1, 2008 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*: 4,695 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,196

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehabilitate Collection System 1 SFY 2008 PPL Sewer System Project / Rank: 242

Rehab Treatment Facilities and Add Phos. Treatment 1 SFY 2008 PPL Treatment Facilities Project / Rank: 242

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
2 \$153,752 \$75.00 0.226%

Overall cost of projects identified as of January 1, 2008 by the community of St. James as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2 (million)

St. Louis County - (MHI)*: COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab. Collection System 2.3 SFY 2008 PPL Sewer System Project / Rank: 54

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
2.3	\$176,815		

Overall cost of projects identified as of January 1, 2008 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*: 44,126** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,260**

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Sanitary Sewer Repair/Reconstruction	0.942974	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.942974	\$72,492	\$3.14	0.006%

Overall cost of projects identified as of January 1, 2008 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 0.9429 (million)

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

St. Martin **COUNTY: Stearns** **POPULATION*: 278** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,786**

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Rehab. & Expand Existing System	1.5	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$1,092.45	2.970%

Overall cost of projects identified as of January 1, 2008 by the community of St. Martin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)

St. Michael **COUNTY: Wright** **POPULATION*: 9,099** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,903**

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
2008 Street & Utility Improvement Project SE	0.637	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
0.637	\$48,970	\$15.06	0.022%
--- 10 - 20 yr. ---			
Collection System Interceptor Sewer for Complete	23.778	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
23.778	\$1,827,958	\$562.26	0.804%
Overall cost of projects identified as of January 1, 2008 by the community of St. Michael			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			24.415 (million)

St. Paul **** COUNTY: Ramsey POPULATION*: 287,151 MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,774

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>	
--- Current ---			
Sewer System Major Rehab and Repairs (1-5 years)	44	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
44	\$3,382,544	\$27.15	0.070%
--- 5 - 10 yr. ---			
Sewer System Major Rehab and Repairs (5-10 years)	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>
49	\$3,766,924	\$30.24	0.078%
--- 10 - 20 yr. ---			
Sewer System Rehabilitation and Major Repairs (10-	116.4	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>
116.4	\$8,948,366	\$71.84	0.185%
Overall cost of projects identified as of January 1, 2008 by the community of St. Paul			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			209.4 (million)

**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of St. Paul

St. Paul Park **** COUNTY: Washington POPULATION*: 5,070 MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,805

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Rivers Edge	5.8	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>
5.8	\$445,881	\$219.41	0.432%
<i>Overall cost of projects identified as of January 1, 2008 by the community of St. Paul Park</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5.8 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of St. Paul Park			

St. Stephen COUNTY: Stearns POPULATION*: 860 MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,078

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

St. Stephen	9.52	SFY 2008 PPL Unsewered Area 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>	
9.52	\$731,860	\$2,279.15	4.138%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of St. Stephen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			<i>9.52 (million)</i>	

Staples COUNTY: Todd POPULATION*: 3,104 MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,208

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Northwest Area Improvement	1.575	SFY 2008 PPL Sewer System Project / Rank: 106	
Todd County CSAH 42 and 5th Street Project	0.45	Sewer System Project	
Todd County CSAH 43 Project	0.43	Sewer System Project	
Wastewater Pumping Station and Sanitary Sewer West	0.17	Sewer System Project	
5th and 6th Street Improvements	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>
2.745	\$211,025	\$148.61	0.590%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

Starbuck COUNTY: Pope POPULATION*: 1,314 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,235

--- Current ---

0.3

<i>Subtotal of Cost Estimates</i>	<i>(millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3		\$23.063	\$36.74	0.130%

Steen COUNTY: **Rock** POPULATION*: **182** MEDIAN HOUSEHOLD INCOME (MHI)*: **\$36,875**

--- Current ---

0.29

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.29	\$22,294	\$290.79	0.789%

Stephen COUNTY: Marshall POPULATION*: 708 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,207

--- Current ---

0.988

0.15

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

Appendix 2: 2007 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>
1.138	\$87,485	\$269.65	0.812%
--- 5 - 10 yr. ---			
Seepage control	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	\$15,375	\$47.39	0.143%
--- 10 - 20 yr. ---			
1920 Sewer System Replacement	1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$236.95	0.714%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Stephen</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.338 (million)

Stewartville COUNTY: Olmsted POPULATION*: 5,411 MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,135

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Capital improvements projects	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>
0.7	\$53,813	\$24.06
<i>Annual Household Cost as % MHI</i>		
		0.055%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Stewartville</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		
		0.7 (million)

Stockton COUNTY: Winona POPULATION*: 682 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,250

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---		
Lift station 1 and 3 Repairs	0.125	Sewer System Project
Sewer Main cleaning and repairing manholes	0.049	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.174	\$13,376	\$51.01	0.124%
--- 5 - 10 yr. ---			
Expansion of Current Sewer System	1.5	Sewer System Project	
4th pond addition and rehabilitation of I & I	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>
3	\$230,628	\$879.51	2.132%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Stockton</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3.174 (million)

Taopi	COUNTY: Mower	POPULATION*:	93	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Taopi sewer project - 2007	0.524		SFY 2008 PPL Sewer System Project / Rank: 10		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.524	\$40,283	\$1,098.63	3.255%		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Taopi</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>0.524 (million)</i>					

Tofte/Schroeder	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>
--- Current ---			
Tofte/Schroeder	10.35		SFY 2008 PPL Unsewered Area Project / Rank: 194
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10.35	\$795,667		
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Tofte/Schroeder</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>10.35 (million)</i>

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

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Alphabetical by Name of Community

Tower COUNTY: St. Louis POPULATION*: 479 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,429

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Tower - West T.H. 169 Service Extension

0.787

Hoo-Doo Point sewer extension

0.6273

SFY 2008 PPL Sewer System Project / Rank: 185

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.4143	\$108,726	\$419.97	1.589%

Overall cost of projects identified as of January 1, 2008 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 & Breitung COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Increase Capacity of Collection / Interceptors

1.3

SFY 2008 PPL Sewer System Project / Rank: 33

Collection system improv.

1.1636

SFY 2008 PPL Sewer System Project / Rank: 75

Treatment Facilities Improvements

1.1636

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.6272	\$278,845		

Overall cost of projects identified as of January 1, 2008 by the community of Tower & Breitung Water and Sewer
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.6272 (million)

Tracy COUNTY: Lyon POPULATION*: 2,268 MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,356

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 5 - 10 yr. ---

Replacement of Primary and Secondary Pond System

5

SFY 2008 PPL Treatment Facilities Project / Rank: 37

Rehabilitation of Collection System

0.25

SFY 2008 PPL Sewer System Project / Rank: 37

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
5.25	\$403,599	\$393.97	1.256%

Overall cost of projects identified as of January 1, 2008 by the community of Tracy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.25 (million)

Underwood	COUNTY: Otter Tail	POPULATION*: 319	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,000
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Rehab Collection System	0.78	SFY 2008 PPL Sewer System Project / Rank: 64
Construct RIB	0.78	SFY 2008 PPL Treatment Facilities Project / Rank: 64
Rehabilitate Lagoons	1.579	SFY 2008 PPL Treatment Facilities 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>
3.139	\$241,314	\$1,529.45	5.274%

Overall cost of projects identified as of January 1, 2008 by the community of Underwood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.139 (million)

Urbank	COUNTY: Otter Tail	POPULATION*: 59	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,625
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Wastewater Collection system	0.796	SFY 2008 PPL Sewer System Project / Rank: 16
New treatment facility - stabilization pond	1.188	SFY 2008 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>
1.984	\$152,522	\$4,289.68	10.559

Overall cost of projects identified as of January 1, 2008 by the community of Urbank as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.984 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Verndale COUNTY: Wadena POPULATION*: 575 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,000

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

2007 Sanitary Sewer & Watermain Improvements 1.892 SFY 2008 PPL Sewer System 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>
1.892	\$145,449	\$559.42	2.152%

Overall cost of projects identified as of January 1, 2008 by the community of Verndale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.892 (million)

Villard Area Lakes COUNTY: Pope POPULATION*: 0 MEDIAN HOUSEHOLD INCOME (MHI)*: \$0

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Villard Area Lakes Sanitary District 3.225 SFY 2008 PPL Unsewered Area Project / Rank: 247

Villard Area Lakes Sanitary District 3.225 SFY 2008 PPL Unsewered Area Project / Rank:

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.45	\$495,850		

Overall cost of projects identified as of January 1, 2008 by the community of Villard Area Lakes Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.45 (million)

Virginia COUNTY: St. Louis POPULATION*: 9,157 MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,873

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

new wastewater treatment plant 10

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10	\$768,760	\$159.68	0.553%

--- 5 - 10 yr. ---

Lift station - Pillsbury addition 1.5 Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314	\$23.95	0.083%

Overall cost of projects identified as of January 1, 2008 by the community of Virginia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.5 (million)

Wabasha COUNTY: Wabasha POPULATION*: 2,599 MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,291

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Wastewater Treatment Plant Expansion (new oxidation	6.5	Wastewater Treatment Facilities Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.5	\$499,694	\$423.47	1.200%

Overall cost of projects identified as of January 1, 2008 by the community of Wabasha as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.5 (million)

Waconia ***** COUNTY: Carver POPULATION*: 6,814 MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,705

Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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--- Current ---

Infrastructure 2012 - sewer systems - 1st street	0.33	Sewer System Project
284 L. S. Upgrades	0.225	Sewer System Project
Sewer systems - old beach	0.15	Sewer System Project
Infrastructure 2010 - sewer system - 2nd	0.3135	Sewer System Project
L-52 Upgrades and forcemain rehabilitation	2.547	Sewer System Project
Southeast area lift station	0.6	
C.I.P.P. Cured in Place Pipe	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>
4.3155	\$331,758	\$116.27	0.209%

--- 5 - 10 yr. ---

Infrastructure 2016 - sewer system - Elm, 5th Street	0.1265	Sewer System Project
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Infrastructure 2014 - sewer system - Vine, 3rd, 4th, Elm	0.2255	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.352	\$27,060	\$9.48	0.017%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Waconia</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>4.6675 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of		Waconia		

Wadena

COUNTY: Wadena POPULATION*: 4,294 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,947

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---				
Sanitary Sewer Line Sliplining	0.4	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.4	\$30,750	\$14.79	0.055%	
--- 10 - 20 yr. ---				
City of Wadena SE and SW reconstruction	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>	
16	\$1,230,016	\$591.67	2.196%	
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		<i>Wadena</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>16.4 (million)</i>	

Waite Park

COUNTY: Stearns POPULATION*: 6,568 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,803

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---				
Southwest Utility Expansion	4.2	Sewer System Project		
CR 137 Improvements	2.7	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>	
6.9	\$530,444	\$160.90	0.476%	

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of **Waite Park**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **6.9 (million)**

Walters **COUNTY: Faribault** **POPULATION*: 88** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750**

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- Current ---

Walters 1.904 SFY 2008 PPL Unsewered Area Project / Rank: 6

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.904	\$146,372	\$3,874.55	13.477

Overall cost of projects identified as of January 1, 2008 by the community of **Walters**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.904 (million)**

Wanamingo **COUNTY: Goodhue** **POPULATION*: 1,007** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,000**

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

--- 5 - 10 yr. ---

Replacing Sewer Liner 0.5 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$85.63	0.214%

--- 10 - 20 yr. ---

Replacing Sewer Lines West Side 0.5 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$85.63	0.214%

Overall cost of projects identified as of January 1, 2008 by the community of **Wanamingo**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1 (million)**

Warroad **COUNTY: Roseau** **POPULATION*: 1,722** **MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,948**

Project(s) *Cost Estimate (millions)* *Project Type / SFY 2008 PPL Listed - Rank*

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Rehab/expand existing system

4.2773

SFY 2008 PPL Treatment Facilities 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>
4.2773	\$328,822	\$450.44	1.289%

Overall cost of projects identified as of January 1, 2008 by the community of Warroad as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.2773 (million)

Waseca

COUNTY: Waseca

POPULATION*:

8,493

MEDIAN HOUSEHOLD INCOME (MHI)*:

\$39,554

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- 10 - 20 yr. ---

Waseca Wastewater Facilities Plan

0.6

Wastewater Treatment Facilities Project

Waseca Wastewater Facility plan

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>
6.6	\$507,382	\$134.78	0.341%

Overall cost of projects identified as of January 1, 2008 by the community of Waseca as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.6 (million)

Watertown

COUNTY: Carver

POPULATION*:

3,029

MEDIAN HOUSEHOLD INCOME (MHI)*:

\$47,500

Project(s)

Cost Estimate (millions)

Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Watertown wastewater treatment facility

8.45

SFY 2008 PPL Treatment Facilities Project / Rank: 121

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.45	\$649,602	\$542.34	1.142%

--- 5 - 10 yr. ---

Southeast Lift Station and Forcemain

0.95

SFY 2008 PPL Sewer System Project / Rank: 121

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.95	\$73,032	\$60.97	0.128%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Watertown as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.4 (million)

Watkins COUNTY: Meeker POPULATION*: 880 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,188

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer System Reconstruction 7.1 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>
7.1	\$545,820	\$1,462.02	4.542%

Overall cost of projects identified as of January 1, 2008 by the community of Watkins as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.1 (million)

Watson COUNTY: Chippewa POPULATION*: 209 MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,688

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab Sewer-Regionalization to Montevideo 2.5 SFY 2008 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>
2.5	\$192,190	\$2,011.29	5.798%

Overall cost of projects identified as of January 1, 2008 by the community of Watson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.5 (million)

Wayzata ***** COUNTY: Hennepin POPULATION*: 4,113 MEDIAN HOUSEHOLD INCOME (MHI)*: \$65,833

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer Collection System CIP 0.403 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.403	\$30,981	\$14.45	0.022%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

Alphabetical by Name of Community

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

Overall cost of projects identified as of January 1, 2008 by the community of Wells, Easton, Minnesota Lake WW Board as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)

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Appendix 2: 2007 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, 2008 by the community of Whalan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.0126 (million)

Wheaton COUNTY: Traverse POPULATION*: 1,619 MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,219

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Sewer rehab, Phase 2 2.5522 SFY 2008 PPL Sewer System Project / Rank: 79

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
2.5522 \$196,203 \$236.39 0.809%

Overall cost of projects identified as of January 1, 2008 by the community of Wheaton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.5522 (million)

Whitefield Township - COUNTY: POPULATION*: MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Unsewered Area Regionalize with Blomkest 1.11 SFY 2008 PPL Unsewered Area Project / Rank: 14

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
1.11 \$85,332 \$150.41 0.571%

Overall cost of projects identified as of January 1, 2008 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)

Williams COUNTY: Lake of the POPULATION*: 210 MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,364

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Rehab. Treatment Facilities 0.2 SFY 2008 PPL Treatment Facilities Project / Rank: 175

*Subtotal of Cost Estimates (millions) Project Annual Debt Service** Annual 20 yr. Household Cost*** Annual Household Cost as % MHI*
0.2 \$15,375 \$150.41 0.571%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Williams as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2 (million)

Willmar COUNTY: Kandiyohi POPULATION*: 18,351 MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,455

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Wastewater Collection and Treatment Facilities	80.5	SFY 2008 PPL Treatment Facilities Project / Rank: 8
Wastewater Collection and Treatment Facilities	20.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
101	\$7,764,476	\$957.00 2.861%

Overall cost of projects identified as of January 1, 2008 by the community of Willmar as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 101 (million)

Windom COUNTY: Cottonwood POPULATION*: 4,490 MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,744

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- Current ---		
Lift station	0.25	Sewer System Project
Replacement of Vold Lift Station	0.25	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
0.5	\$38,438	\$18.11 0.059%

Overall cost of projects identified as of January 1, 2008 by the community of Windom as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)

Winnebago COUNTY: Faribault POPULATION*: 1,487 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,321

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
--- 5 - 10 yr. ---		
Sanitary sewer collection system I/I investigation &	0.1	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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	\$7,688	\$10.79	0.033%
--- 10 - 20 yr. ---			
Primary Digester Replacement	0.5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$53.97	0.167%
Overall cost of projects identified as of January 1, 2008 by the community of Winnebago			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.6 (million)

Winona

COUNTY: Winona POPULATION*: 27,069 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,845

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---				
Conrad Avenue	0.2	Sewer System Project		
Six Housing Subdivisions New Service	0.79	Sewer System Project		
Sunnyside Jederman Extension	0.3	Sewer System Project		
Trunkline sewer extension	1			
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.29	\$176,046	\$15.38	0.047%	
--- 5 - 10 yr. ---				
Front Street Interceptor	1	Sewer System Project		
Rehabilitation of Sewer Mains (Third St., Fifth St.,	0.54	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.54	\$118,389	\$10.34	0.031%	
Overall cost of projects identified as of January 1, 2008 by the community of Winona				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				3.83 (million)

Winsted

COUNTY: McLeod POPULATION*: 2,094 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,588

<i>Project(s)</i>	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Grit Removal	0.5	Wastewater Treatment Facilities Project
Preliminary Screening Replacement	0.04	Wastewater Treatment Facilities Project
Rehabilitation of #2 Clarifier	0.1	Wastewater Treatment Facilities Project
Rehabilitation of #1 Ditch	0.2	Wastewater Treatment Facilities Project
Ultraviolet Disinfection System	0.2	Wastewater Treatment Facilities Project
New Generator at the Sewer Plant	0.08	Wastewater Treatment Facilities Project
Interceptor Rehabilitation	0.15	Sewer System Project
Rehabilitation of Kingsley Liftstation	0.06	Sewer System Project
Return Activated Sludge Pumps	0.03	Wastewater Treatment Facilities Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.36	\$104,551	\$114.47	0.275%

--- 5 - 10 yr. ---

Old Ponds	0.3	Wastewater Treatment Facilities Project
Sanitary Sewer Extension West, East and North	1.6	Sewer System Project
Phosphorous Removal	0.6	Wastewater Treatment Facilities Project
Replace Three Lift-stations	1.25	Sewer System Project

Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.75	\$288,285	\$315.64	0.759%

Overall cost of projects identified as of January 1, 2008 by the community of *Winsted* as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.11 (million)

WLSSD - Western Lake
\$0

COUNTY: St. Louis **POPULATION*:** 0

MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s)	Cost Estimate (millions)	Project Type / SFY 2008 PPL Listed - Rank
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--- Current ---

Upper Scanlon Interceptor	2.5	SFY 2008 PPL Sewer System Project / Rank: 30
Effluent Filter Improvements	2.4	SFY 2008 PPL Treatment Facilities Project / Rank: 56
Vortex Grit Removal	4.9	SFY 2008 PPL Treatment Facilities Project / Rank: 52
Grit system improvements	4	Wastewater Treatment Facilities Project
Conveyance - 4200WW	17.6	Sewer System Project

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Fine Screening Improvements	1.5	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
32.9	\$2,529,220	<i>Annual Household Cost as % MHI</i>
--- 5 - 10 yr. ---		
Clean Water Production - 4000-WW	8.18	Wastewater Treatment Facilities Project
Conveyance - 4200WW	34.5	Sewer System Project
Planning, Engineering, Fiscal and Misc.	3.67	Wastewater Treatment Facilities Project
Biosolids & Land App.	1.9	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
48.25	\$3,709,267	<i>Annual Household Cost as % MHI</i>
<i>Overall cost of projects identified as of January 1, 2008 by the community of</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>WLSSD - Western Lake Superior Sanitary</i>
		<i>81.15 (million)</i>

Wolf Lake	COUNTY: Becker	POPULATION*:	31	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,083
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---					
Sanitary Sewer Replacement	0.511		SFY 2008 PPL Sewer System Project / Rank: 88		
Waste stabilization ponds	0.425		SFY 2008 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>		
0.936	\$71,956	\$3,809.43	17.251		
<i>Overall cost of projects identified as of January 1, 2008 by the community of Wolf Lake</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>0.936 (million)</i>					

Woodbury	****	COUNTY: Washington	POPULATION*:	46,463	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$76,109
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2008 PPL Listed - Rank</i>		
--- Current ---						
2008-2012 Capital improvement plan			1.49	Sewer System Project		

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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>
1.49	\$114,545	\$6.18	0.008%
<i>Overall cost of projects identified as of January 1, 2008 by the community of Woodbury as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>1.49 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Woodbury			

Worthington COUNTY: Nobles POPULATION*: 11,283 MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,250

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Flower Lane sewer extension	0.09	Sewer System Project
2009 Sewer improvements	0.46	Sewer System Project
2010 Sewer Improvements	0.41	Sewer System Project
2011 Sewer improvements	0.38	Sewer System Project
2012 Sewer improvements	0.33	Sewer System Project
North Humiston sewer extension	0.32	Sewer System Project
East district lift station & force main	0.93	Sewer System Project
south district lift station & forcemain	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>
3.15	\$242,159	\$50.56	0.139%

Overall cost of projects identified as of January 1, 2008 by the community of Worthington as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs

3.15 (million)

Wyoming COUNTY: Chisago POPULATION*: 3,048 MEDIAN HOUSEHOLD INCOME (MHI)*: \$56,192

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

Joint Sewer Pipeline Project	6.34	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>
6.34	\$487,394	\$428.79	0.763%

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 2: 2007 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, 2008 by the community of Wyoming as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 6.34 (million)

Zimmerman COUNTY: Sherburne POPULATION*: 2,851 MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,332

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- Current ---

SBR-WWTF Expansion 4.5 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>
4.5	\$345,942	\$323.31	0.655%

Overall cost of projects identified as of January 1, 2008 by the community of Zimmerman as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.5 (million)

Zumbro Falls COUNTY: Wabasha POPULATION*: 177 MEDIAN HOUSEHOLD INCOME (MHI)*:

Project(s) Cost Estimate (millions) Project Type / SFY 2008 PPL Listed - Rank

--- 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	\$57,657	\$673.91	

Overall cost of projects identified as of January 1, 2008 by the community of Zumbro Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)

* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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

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

Appendix 3:

Minnesota Statutes § 115.03, Subd. 9

Minnesota Statutes §115.03 Powers and duties.

Subd. 9. Future costs of wastewater treatment; update

of 1995 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

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Alphabetical Order

Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Alborn Twp	164	Unsewered - clusters	279437	26	\$ 1,004,248
Alexandria Lakes Area Service Region	197	Sewer extensions to unsewered areas	272468	1	\$ 5,811,079
Amador Township - Almelund SSD	161	Replace community mound	279508	28	
Annandale/Maple Lake	141	New treatment plant	272645	38	\$ 16,036,613
Arlington	83	Expansion and increased P treatment	279583	52	\$ 6,400,000
Askov	65	New treatment plant	272613	59	\$ 4,500,000
Atwater	17	Sewer rehab	272614	83	\$ 1,017,000
Aurora - Phase 2	70	Rehab/expand, eliminate bypass	279485	58	\$ 3,850,000
Aurora Twsp - Bixby	57	Unsewered, new collection and treatment	279568	61	
Austin	105	Rehab/expand existing system	272409	46	\$ 5,000,000
Backus	136	Rehab/expand existing system	279602	40	\$ 1,250,000
Barry	59	Unsewered, potential on land discharge	279565	60	\$ 100,000
Beaver Bay	31	Expand existing system	272615	74	\$ 900,000
Big Lake	147	Expand existing system	272616	36	\$ 18,760,000
Big Lake Area SD - Fond du Lac	128	Unsewered / collection and treatment	279480	40	\$ 7,984,724
Bigelow	19	Unsewered / collection and treatment	273005	80	\$ 2,014,000
Bigfork	198	Rehab and expand ponds	279438	1	\$ 1,551,000
Biwabik	71	Rehab/expand existing system	272229	58	\$ 5,364,000
Blackduck	62	Rehab collection system, expand pond and land app site	279582	60	\$ 2,790,550
Blomkest	5	Regionalization of unsewered area with Svea	279363	95	\$ 2,300,000
Blue Earth - Phase 1	1	Sewer rehab	279439	105	\$ 760,000
Blue Earth - Phase 2 & 3	2	Sewer rehab, biosolids storage	279439	105	\$ 2,934,200
Bovey	155	Rehab collection system	279580	31	\$ 450,000
Brainerd	67	Brainerd-Baxter plant expansion	279487	59	\$ 35,000,000
Breckenridge	36	Rehab existing facility, pond repair and new secondary pond	279570	68	\$ 1,949,000
Breitung Township	84	Sewer rehab	279364	52	\$ 1,600,000
Bricelyn	47	I/I correction	272534	63	\$ 2,067,000
Brooten	113	Rehab/expand existing system	272458	46	\$ 2,393,500
Browerville - Phase 2	137	Treatment facility rehab	272617	39	\$ 4,631,000
Brownsville	149	Rehab treatment facility	279489	34	\$ 1,210,000
Brownnton	90	Rehab/expand existing system	279516	50	
Bruno	199	Unsewered - pressure sewer/sand filter	279440	1	\$ 1,500,000

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Alphabetical Order

Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Buhl	112	Rehab collection system, advance treatment	279550	46	\$ 1,715,500
Burtrum	200	Unsewered area	279365	1	
Butterfield	94	Rehab/expand existing system	272479	48	\$ 2,005,000
Canby	139	Sewer rehab	272322	38	\$ 2,750,000
Canosia & Grand Lake Twps - Caribou Lake	81	Unsewered / collection and treatment	279366	52	\$ 4,400,000
Cass Lake	78	Sewer rehab	272644	55	\$ 931,110
Central Iron Range SD	48	WW treatment regionalization	279367	63	\$ 20,000,000
Chisholm	153	Replace digester cover	272609	32	\$ 400,000
Chisholm - Northwest area	42	Rehab existing system	279529	66	\$ 474,000
Chisholm - Sewer rehab	58	Rehab collection system	279567	61	\$ 3,700,000
Clarkfield	87	Rehab/expand existing system	272535	51	
Clear Lake / Clearwater	34	Expand existing system	279368	71	\$ 6,445,278
Clearwater SSD - Leonard	156	Unsewered, ISTS and clusters	279586	30	
Clearwater SSD - Shevlin	173	Unsewered, ISTS and central collection and treatment	279584	21	
Clearwater SSD - Shevlin/Solway/Leonard	201	Unsewered / collection and treatment	272600	1	\$ 2,682,000
Clearwater SSD - Solway	180	Unsewered, ISTS or central collection and treatment	279585	18	
Clitherall	74	Unsewered / collection and treatment with ponds	279536	57	\$ 1,818,000
CLRSD Phase 1 - LaGrand/Moe Townships	202	Unsewered / connect to ALASD	279337	1	\$ 9,942,000
CLRSD Phase 2 - Brandon Township	203	Unsewered / connect to ALASD	272503	1	\$ 7,000,000
CLRSD Phase 3 - Miliona Township	204	Unsewered / connect to ALASD	272417	1	\$ 25,800,000
Coleraine, Bovey, Taconite JWC	40	upgrade arobic digesters	279566	66	\$ 1,400,000
Cotton Township	195	Unsewered area, collection and treatment	279441	5	\$ 649,369
Cottonwood - Phase 2	181	Sewer extension to an industrial park	272611	18	\$ 166,000
Crane Lake - Eastern Service Area	186	Sewer ext. to unsewered areas	272618	15	\$ 3,860,000
Cromwell	73	Rehab/replace existing mound system	279442	58	\$ 350,000
Darwin	152	Upgrade ponds	279562	33	
Deer River	163	Rehab/expand existing system	272596	28	\$ 1,481,410
Deerwood	205	Rehab/expand existing system	279443	1	\$ 150,000
Dilworth	206	Sewer rehab	272607	1	\$ 975,000
Doran	51	Unsewered / new collection and treatment	272620	62	\$ 350,000
Dover-Eyota-St.Charles Phase 2	82	Rehab/expand and upgrade existing system	272099	52	\$ 12,567,100
Duluth Lakeside Interceptor SSO Basin	7	SSO interceptor and overflow basin	279498	91	\$ 3,569,620

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Alphabetical Order

Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Duluth Morgan Park - Phase 4	29	Sewer rehab phase 4	279315	76	\$ 3,016,800
Dundee	44	Unsewered, 12 cluster treatment sites	279551	65	\$ 844,000
Dunnell	207	Corrective action project	279445	1	\$ 1,072,100
East Grand Forks	77	Rehab ponds and lift stations, I/I work	279499	56	\$ 13,550,000
Eden Valley	133	Rehab collection system, RIB construction	279581	40	\$ 1,050,000
Effie	208	Unsewered / collection and treatment	272621	1	\$ 1,650,300
Elba	209	Unsewered / collection and treatment	272425	1	
Elbow Lake - Division Street	72	Sewer rehab	279446	58	\$ 110,000
Elbow Lake - West Side	38	Sewer rehab	279479	68	\$ 1,200,000
Ellendale	32	Rehab and expand sewer system	279447	73	\$ 960,000
Ellsworth	210	Rehab sewers, I/I reduction	279448	1	\$ 563,000
Elmore	211	Rehab/expand existing system	272421	1	\$ 792,700
Ely	69	Sewer rehab, I and I reduction	279370	58	\$ 1,405,000
Essig	61	Unsewered / connect to Sleepy Eye	272622	60	\$ 800,000
Faribault County - Guckeen	13	Unsewered, connect to Blue Earth	279316	86	\$ 500,000
Floodwood	182	Sewer extension - business park	279449	18	
Forest City Township	212	Unsewered / collection and treatment	279526	1	
Fountain	60	Rehab existing collection and construct new mechanical treatmer	279411	60	\$ 1,300,000
Gaylord - Sewer Extension	213	Service extension to unsewered area	272448	1	
Gaylord - WWTP Improvements	214	Rehab/expand existing system	272447	1	
Gilbert	111	Rehab/expand existing system	272306	46	\$ 1,300,000
Gilbert - Sparta Location	189	Unsewered / connect to Gilbert	272504	10	\$ 600,000
Gonvick	39	Rehab/expand existing system	271210	68	\$ 500,000
Goodview - Woodhaven Estates I	215	Unsewered / collection system	279537	1	\$ 617,600
Grand Marais	126	I/I correction	272477	42	\$ 645,500
Grand Rapids	193	Sewer extension - Golf Course Road	279451	5	\$ 2,352,134
Grand Rapids - Annes Area 3	216	Unsewered	279511	1	\$ 425,000
Granite Falls - Phase 2	119	Rehab/expand existing system	272197	44	\$ 1,580,000
Greenbush	124	Sewer rehab	279371	43	\$ 282,968
Grove City	148	Construct a new mech treatment fac	279549	36	\$ 4,279,200
Hadley	95	Unsewered / collection system with clusters	279527	46	\$ 1,148,000
Hamburg	143	Regionalize - Norwood/Young America	279452	38	\$ 2,933,000

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Alphabetical Order

Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Hampton	183	Rehab/expand existing system	272532	16	
Hancock	108	New treatment facility	272437	46	\$ 3,253,000
Hawley - Phase 2	68	Sewer rehab	279372	59	\$ 175,000
Hendrum	66	Rehab collection system and lift station	279559	59	\$ 680,000
Henning	130	I/I correction	272626	40	\$ 350,000
Hitterdal	171	Rehab/expand ponds, sewer extension	272595	23	\$ 825,500
Howard Lake	93	Rehab/expand existing system, P treatment	279359	48	\$ 5,000,000
Iron Junction - Pond Expansion	196	Stabilization pond expansion	279571	4	\$ 909,437
Iron Junction - Unsewered	217	Unsewered, sewer collection extension	279574	1	
Jackson County - Loon Lake	167	Unsewered / collection and treatment	272554	25	\$ 483,635
Kandiyohi County - Diamond Lake	174	Unsewered / connect to Green Lake SD	279507	20	\$ 6,817,900
Kandiyohi County - Henderson, George and Ne	172	Unsewered / connect to Green Lake SD	279506	21	\$ 2,100,000
Kent	46	Unsewered - connect to Abercrombie ND	279377	64	\$ 903,000
Kimball	134	Rehab/expand existing system	272594	40	\$ 530,700
Kingston	218	Unsewered / replace septic	279532	1	
Knife River-Larsmont SD	178	Unswrd,connect Larsmont to Duluth/N.Shore	272438	19	\$ 9,000,000
La Crescent	150	Rehab/expand existing system	272324	33	\$ 796,200
La Salle	9	Unsewered / collection and treatment	272589	90	\$ 1,750,000
Lake of the Woods Co. - Wheeler's Point	55	Unsewered - ISTS, clusters	279475	61	\$ 7,003,936
Lake Twp - Lakewood MPH	219	Unsewered - collection and treatment	279598	1	\$ 1,958,495
Lake Twp - Springsteel	220	Unsewered - collection and treatment	272474	1	\$ 2,456,289
Lake Twp - Warroad Estates/Northern Lights M	221	Unsewered - collection and treatment	279604	1	\$ 3,775,579
Lansing Twp 2	191	Expand existing treatment WWTP	279600	9	
Lansing Twp 2 - Woodhaven	114	Unsewered / connect to Lansing Twsp	279336	45	\$ 3,200,000
Laporte	177	Rehab collection and treatment system, expansion	279573	20	\$ 250,000
Laporte - Unsewered	184	Unsewered, sewer collection extension	279578	15	\$ 100,000
Le Sueur / Henderson - MN River Valley PUC	21	New joint treatment facility	279464	79	\$ 21,479,206
Lewiston	23	Rehab/expand existing system	279379	78	\$ 2,700,000
Lewisville	222	Corrective action project	279460	1	\$ 1,540,046
Lime Creek	15	Unsewered, 12 cluster treatment sites	279552	85	\$ 280,250
Litchfield	25	Rehab and expand existing treatment	279593	78	\$ 12,250,000
Lowry	43	Rehab existing system / I&I and new pond	279534	66	\$ 3,400,000

**APPENDIX 4: Clean Water Revolving Fund
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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Lucan	223	Rehab/expand existing system	272586	1	\$ 600,000
Madison Lake	50	Sewered connect to Mankato, existing fac improvements	279569	63	\$ 2,080,000
Mahnomen	89	Sewer rehab	279380	50	\$ 950,000
Manchester	11	Unsewered / collection and treatment	279321	90	\$ 1,500,000
Mazeppa	159	Rehab/expand existing system	279509	29	\$ 1,200,000
MCES Blue Lake Int. System Improvements	104	Constuction	279356	46	\$ 131,652,574
MCES Blue Lake Plant Improvements	76	Constuction	279341	56	\$ 216,856,366
MCES Brooklyn Park Int. Rehab	96	Constuction	279382	46	\$ 17,243,877
MCES Elm Creek	97	Construction - continuation	272146	46	\$ 19,676,661
MCES Empire Service Area Capacity	138	Construction - continuation	272547	38	\$ 14,360,566
MCES Hastings WWTP	158	Planning/Design - continuation	272630	29	\$ 54,102,538
MCES Hopkins LS/FM Improvements	98	Planning/Design - continuation	272493	46	\$ 38,991,700
MCES Lift Station L-12 Improvements	99	Construction - continuation	272629	46	\$ 4,005,600
MCES LS Sup. Control/Field Telemetry	100	Construction - continuation	272544	46	\$ 1,533,285
MCES Mpls/St. Paul Interceptor Improvements	101	Planning/Design - continuation	272494	46	\$ 72,802,366
MCES MWWTP Solids Processing Improvemer	107	Construction - continuation	272355	46	\$ 10,149,001
MCES MWWTP Space Utl./ Fac. Improv.	102	Planning/Design	279435	46	\$ 79,991,011
MCES NE Interceptor Improvements	85	Planning/Design - continuation	279343	51	\$ 64,502,776
MCES NW Interceptor Improvements	165	Planning/Design - continuation	272628	26	\$ 183,219,406
MCES Riverview Siphon Improvements	86	Constuction	279344	51	\$ 8,712,838
MCES Seneca Disinfection and Phosphorus	146	Construction - continuation	279345	36	\$ 24,153,384
MCES So. St. Paul Forcemain	103	Constuction	279386	46	\$ 35,317,239
McGrath	224	Corrective action project	279461	1	\$ 470,000
Meadowlands	225	Rehab existing system	279387	1	
Medford	91	Rehab/expand existing system	272114	49	\$ 1,525,000
Menahga	151	Rehab/expand existing system	272632	33	\$ 1,462,480
Menahga - unsewered	187	Unsewered	279601	12	
Mentor	129	Unsewered / collection and treatment	272592	40	\$ 1,800,000
Meriden Township	22	Unsewered / collection and treatment	279513	78	\$ 1,624,133
Milaca	226	Relocate ponds	279462	1	\$ 13,136,500
Miltona	170	Rehab collection system, connect to CLRSD Phase 3	279463	23	\$ 1,787,090
Moorhead	115	Rehab existing system, solids improvements	279501	45	\$ 12,442,715

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Moose Lake	18	Rehab collection and treatment system, expansion	279577	81	\$ 4,846,000
Mora	190	Interceptor to collect Quamba flows	279524	9	\$ 864,500
Motley	179	Rehab existing collection system and facility, Advanced treatment	279548	19	\$ 2,500,000
Myrtle	12	Unsewered / collection and treatment	279322	90	\$ 1,300,000
Nashwauk	122	Sewer extension, expand existing system	272537	43	\$ 2,759,150
Nashwauk - Phase 2	162	Rehab collection system	279553	28	\$ 1,243,275
New Munich	116	Expand WWTP	279560	45	\$ 400,000
New Prague	26	New treatment and advanced treatment	279579	78	\$ 26,450,000
Nielsville	227	Pond rehab, I/I removal	279416	1	
Nisswa	168	Rehab/expand ponds, add subsurface disposal	279535	25	\$ 2,000,000
Northern Twsp.	228	Unsewered area	272604	1	\$ 7,620,000
Northome	125	Rehab collection and treatment system	279592	43	
Odessa	45	Rehab existing system	279323	65	\$ 1,297,800
Ormsby	229	Unsewered / collection and treatment	272501	1	\$ 1,800,000
Ortonville	35	Sewer rehab and extension	279465	70	\$ 655,000
Osakis	140	Rehab/expand existing system	279500	38	\$ 5,500,000
Oslo	230	Rehab/expand existing system	272412	1	\$ 736,000
Ottertail	231	Unsewered	272311	1	\$ 3,198,000
Palisade	192	Sewer rehab and expansion	279467	8	\$ 389,250
Parkers Prairie	232	Sewer extensions and improvements	279389	1	\$ 644,000
Paynesville	176	Expand treatment and RIB basins	279546	20	\$ 1,410,000
Pelican Group Of Lakes Improvement Dist	233	Unsewered / collection and treatment	272581	1	\$ 16,949,850
Pelican Rapids	49	Sewer rehab	279468	63	\$ 2,200,000
Pelican Rapids - P treatment	92	Rehab, advanced treatment	279561	48	\$ 4,373,000
Pequot Lakes - Existing area	131	Rehab existing system / spray irrigation	279521	40	\$ 4,000,000
Pequot Lakes - Hwy 371	132	Rehab existing system / spray irrigation	279520	40	\$ 750,000
Perham	234	Wastewater infiltration basins	279390	1	\$ 600,000
Perley	110	Rehab collection and treatment system	279469	46	\$ 1,116,000
Peterson	169	Construct new treatment facility	279488	24	\$ 590,500
Pine City	117	Expand existing system	279517	44	\$ 30,000,000
Pope County - Lk Minnewaska/Lk Pelican	235	Unsewered / collection and treatment	272573	1	\$ 15,250,000
Princeton	166	Expand existing system	271146	25	\$ 13,240,000

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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Proctor	53	Sewer rehab - 4th Street	279391	61	\$ 104,119
Quamba	157	Unsewered - connect to Mora	272636	29	\$ 1,460,000
Racine	236	Rehab/expand existing system	272608	1	\$ 520,000
Randolph	237	Unsewered / collection and treatment	272584	1	\$ 3,715,600
Red Rock Twp - Nicolville	4	Unsewered / collection and treatment	279497	100	\$ 421,000
Red Wing - Phase 2	118	Phosphorous removal and other improvements	273002	44	\$ 4,718,800
Renville	41	Expand treatment facility	272365	66	\$ 2,500,000
Rice Lake Township	238	Unsewered / collection and treatment	272538	1	\$ 4,892,926
Rose Creek	160	Rehab existing collection system, I and I	279554	29	\$ 542,925
Roseland Twsp	28	Unsewered, new collection adn treatment system	279589	77	
Royalton	120	Expand existing system	272637	44	\$ 1,500,000
Rush City	127	Expand existing system	279519	42	
Rutledge	239	Unsewered / collection and treatment	272569	1	\$ 1,292,000
Sandstone	80	Expand existing system	279518	53	
Seaforth	20	Unsewered, ISTS and clusters	279393	80	\$ 1,800,000
Shafer	188	Expand WWTF, install chemical P treatment	279471	11	\$ 1,865,600
Shelly	24	Pond improvements	279394	78	\$ 1,200,000
Silver Creek Twp - Castle Danger 2	240	Unsewered, connect to existing system	279408	1	\$ 3,609,000
Silver Creek Twp - Stewart River	154	Unsewered, connect to existing system	272439	31	\$ 5,300,000
Somerset Twsp - Hope	27	Unsewered / collection and treatment	279456	77	\$ 1,017,200
St. Francis	241	New eastside WWTP and rehab at Westside WWTP	279525	1	\$ 8,890,000
St. Hilaire	109	Rehab/expand existing system	272491	46	\$ 1,911,250
St. James	242	Rehab collection and treatment system, advance treatment	279591	1	\$ 2,000,000
St. Louis County - Midway Twsp	54	Rehab collection system	279545	61	\$ 2,300,000
St. Martin	144	Rehab / expand existing system	279502	38	\$ 1,500,000
St. Stephen	243	Unsewered / collection and treatment	272552	1	\$ 9,518,000
Staples - Northwest Area	106	I/I correction and service extension	279398	46	\$ 1,575,000
Staples - Stormwater Northwest Area	244	Stormwater- Northwest Area	279522	1	
Starbuck	145	Expand existing system	279515	37	\$ 579,700
Stephen	142	Rehab/expand existing system	272496	38	\$ 988,000
Taopi	10	Unsewered / individual on-site or cluster systems	279530	90	\$ 514,388
Tofte/Schroeder	194	Unsewered / collection and treatment	279602	5	\$ 10,350,000

**APPENDIX 4: Clean Water Revolving Fund
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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Tower - Brietung Wastewater Board	75	Collection and treatment system improv.	272308	57	\$ 2,327,300
Tower - Hoo-Doo Point Extension	185	Hoo-Doo Point sewer extension	272639	15	\$ 627,300
Tower - Sewer Replacement	33	Sewer replacement and I/I correction	279399	72	\$ 490,000
Tower - West T.H. 169 Extension	245	Sewer extension to West T.H. 169 area	279409	1	\$ 787,000
Tracy	37	Rehab collection and treatment system, I and I, expand ponds	279575	68	\$ 5,209,000
Underwood - rehab lagoon	135	Rehab expand existing lagoons	279556	40	\$ 1,579,000
Underwood - RIB	64	Rehab collection system and existing lagoons, construct RIB	279557	60	\$ 1,560,000
Urbank	16	Unsewered / collection and treatment	279474	84	\$ 1,188,400
Verndale	63	I/I correction	279403	60	\$ 430,000
Viking	246	Unsewered / collection and treatment	272511	1	
Villard Area Lakes SD	247	Unsewered / collection and treatment	279603	1	\$ 7,560,000
Walters	6	Unsewered / collection and treatment	279331	95	\$ 1,904,035
Warroad	123	Rehab/expand existing system	272473	43	\$ 4,277,313
Watertown	121	Rehab/expand existing system	279514	43	\$ 9,400,000
Watson	3	Rehab collection system, connect to Montevideo	272643	104	\$ 2,500,000
Westbrook	248	Rehab/expand existing system	272529	1	
Whalan	249	Unsewered / collection and treatment	272605	1	\$ 1,012,550
Wheaton	79	Sewer rehab, phase 2	272454	53	\$ 2,552,203
Whitefield Twp - Svea	14	Unsewered area - regionalize with Blomkest	279476	85	\$ 1,110,000
Williams	175	Rehab treatment system	279590	20	\$ 200,000
Willmar	8	Rehab system and connect to new facility	279503	91	\$ 80,500,000
Willow River	250	Rehab/expand existing system	279533	1	
WLSSD - Effluent Filter Improvements	56	Rehab treatment system, corrosion protection coating	279587	61	\$ 2,400,000
WLSSD - Upper Scanlon Interceptor	30	Rehab and relocate interceptor	279588	76	\$ 2,500,000
WLSSD - Vortex Grit Removal	52	Vortex grit removal	279407	61	\$ 4,900,000
Wolf Lake	88	New collection and treatment system, ponds	279563	50	\$ 936,100
Wright	251	Unsewered / collection and treatment	272582	1	
Total Estimated Cost					\$ 1,781,221,916

**APPENDIX 4: Clean Water Revolving Fund
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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
1	Blue Earth - Phase 1	Sewer rehab	279439	105	\$ 760,000
2	Blue Earth - Phase 2 & 3	Sewer rehab, biosolids storage	279439	105	\$ 2,934,200
3	Watson	Rehab collection system, connect to Montevideo	272643	104	\$ 2,500,000
4	Red Rock Twp - Nicolville	Unsewered / collection and treatment	279497	100	\$ 421,000
5	Blomkest	Regionalization of unsewered area with Svea	279363	95	\$ 2,300,000
6	Walters	Unsewered / collection and treatment	279331	95	\$ 1,904,035
7	Duluth Lakeside Interceptor SSO Basin	SSO interceptor and overflow basin	279498	91	\$ 3,569,620
8	Willmar	Rehab system and connect to new facility	279503	91	\$ 80,500,000
9	La Salle	Unsewered / collection and treatment	272589	90	\$ 1,750,000
10	Taopi	Unsewered / individual on-site or cluster systems	279530	90	\$ 514,388
11	Manchester	Unsewered / collection and treatment	279321	90	\$ 1,500,000
12	Myrtle	Unsewered / collection and treatment	279322	90	\$ 1,300,000
13	Faribault County - Guckeen	Unsewered, connect to Blue Earth	279316	86	\$ 500,000
14	Whitefield Twp - Svea	Unsewered area - regionalize with Blomkest	279476	85	\$ 1,110,000
15	Lime Creek	Unsewered, 12 cluster treatment sites	279552	85	\$ 280,250
16	Urbank	Unsewered / collection and treatment	279474	84	\$ 1,188,400
17	Atwater	Sewer rehab	272614	83	\$ 1,017,000
18	Moose Lake	Rehab collection and treatment system, expansion	279577	81	\$ 4,846,000
19	Bigelow	Unsewered / collection and treatment	273005	80	\$ 2,014,000
20	Seaforth	Unsewered, ISTS and clusters	279393	80	\$ 1,800,000
21	Le Sueur / Henderson - MN River Valley PUC	New joint treatment facility	279464	79	\$ 21,479,206
22	Meriden Township	Unsewered / collection and treatment	279513	78	\$ 1,624,133
23	Lewiston	Rehab/expand existing system	279379	78	\$ 2,700,000
24	Shelly	Pond improvements	279394	78	\$ 1,200,000
25	Litchfield	Rehab and expand existing treatment	279593	78	\$ 12,250,000
26	New Prague	New treatment and advanced treatment	279579	78	\$ 26,450,000
27	Somerset Twsp - Hope	Unsewered / collection and treatment	279456	77	\$ 1,017,200
28	Roseland Twsp	Unsewered, new collection and treatment system	279589	77	
29	Duluth Morgan Park - Phase 4	Sewer rehab phase 4	279315	76	\$ 3,016,800
30	WLSSD - Upper Scanlon Interceptor	Rehab and relocate interceptor	279588	76	\$ 2,500,000
31	Beaver Bay	Expand existing system	272615	74	\$ 900,000
32	Ellendale	Rehab and expand sewer system	279447	73	\$ 960,000

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
33	Tower - Sewer Replacement	Sewer replacement and I/I correction	279399	72	\$ 490,000
34	Clear Lake / Clearwater	Expand existing system	279368	71	\$ 6,445,278
35	Ortonville	Sewer rehab and extension	279465	70	\$ 655,000
36	Breckenridge	Rehab existing facility, pond repair and new secondary pond	279570	68	\$ 1,949,000
37	Tracy	Rehab collection and treatment system, I and I, expand ponds	279575	68	\$ 5,209,000
38	Elbow Lake - West Side	Sewer rehab	279479	68	\$ 1,200,000
39	Gonvick	Rehab/expand existing system	271210	68	\$ 500,000
40	Coleraine, Bovey, Taconite JWC	upgrade arobic digesters	279566	66	\$ 1,400,000
41	Renville	Expand treatment facility	272365	66	\$ 2,500,000
42	Chisholm - Northwest area	Rehab existing system	279529	66	\$ 474,000
43	Lowry	Rehab existing system / I&I and new pond	279534	66	\$ 3,400,000
44	Dundee	Unsewered, 12 cluster treatment sites	279551	65	\$ 844,000
45	Odessa	Rehab existing system	279323	65	\$ 1,297,800
46	Kent	Unsewered - connect to Abercrombie ND	279377	64	\$ 903,000
47	Bricelyn	I/I correction	272534	63	\$ 2,067,000
48	Central Iron Range SD	WW treatment regionalization	279367	63	\$ 20,000,000
49	Pelican Rapids	Sewer rehab	279468	63	\$ 2,200,000
50	Madison Lake	Sewered connect to Mankato, existing fac improvements	279569	63	\$ 2,080,000
51	Doran	Unsewered / new collection and treatment	272620	62	\$ 350,000
52	WLSSD - Vortex Grit Removal	Vortex grit removal	279407	61	\$ 4,900,000
53	Proctor	Sewer rehab - 4th Street	279391	61	\$ 104,119
54	St. Louis County - Midway Twsp	Rehab collection system	279545	61	\$ 2,300,000
55	Lake of the Woods Co. - Wheeler's Point	Unsewered - ISTS, clusters	279475	61	\$ 7,003,936
56	WLSSD - Effluent Filter Improvements	Rehab treatment system, corrosion protection coating	279587	61	\$ 2,400,000
57	Aurora Twsp - Bixby	Unsewered, new collection and treatment	279568	61	
58	Chisholm - Sewer rehab	Rehab collection system	279567	61	\$ 3,700,000
59	Barry	Unsewered, potential on land discharge	279565	60	\$ 100,000
60	Fountain	Rehab existing collection and construct new mechanical treatmer	279411	60	\$ 1,300,000
61	Essig	Unsewered / connect to Sleepy Eye	272622	60	\$ 800,000
62	Blackduck	Rehab collection system, expand pond and land app site	279582	60	\$ 2,790,550
63	Verndale	I/I correction	279403	60	\$ 430,000
64	Underwood - RIB	Rehab collection system and existing lagoons, construct RIB	279557	60	\$ 1,560,000

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
65	Askov	New treatment plant	272613	59	\$ 4,500,000
66	Hendrum	Rehab collection system and lift station	279559	59	\$ 680,000
67	Brainerd	Brainerd-Baxter plant expansion	279487	59	\$ 35,000,000
68	Hawley - Phase 2	Sewer rehab	279372	59	\$ 175,000
69	Ely	Sewer rehab, I and I reduction	279370	58	\$ 1,405,000
70	Aurora - Phase 2	Rehab/expand, eliminate bypass	279485	58	\$ 3,850,000
71	Biwabik	Rehab/expand existing system	272229	58	\$ 5,364,000
72	Elbow Lake - Division Street	Sewer rehab	279446	58	\$ 110,000
73	Cromwell	Rehab/replace existing mound system	279442	58	\$ 350,000
74	Clitherall	Unsewered / collection and treatment with ponds	279536	57	\$ 1,818,000
75	Tower - Brietung Wastewater Board	Collection and treatment system improv.	272308	57	\$ 2,327,300
76	MCES Blue Lake Plant Improvements	Constuction	279341	56	\$ 216,856,366
77	East Grand Forks	Rehab ponds and lift stations, I/I work	279499	56	\$ 13,550,000
78	Cass Lake	Sewer rehab	272644	55	\$ 931,110
79	Wheaton	Sewer rehab, phase 2	272454	53	\$ 2,552,203
80	Sandstone	Expand existing system	279518	53	
81	Canosia & Grand Lake Twps - Caribou Lake	Unsewered / collection and treatment	279366	52	\$ 4,400,000
82	Dover-Eyota-St.Charles Phase 2	Rehab/expand and upgrade existing system	272099	52	\$ 12,567,100
83	Arlington	Expansion and increased P treatment	279583	52	\$ 6,400,000
84	Breitung Township	Sewer rehab	279364	52	\$ 1,600,000
85	MCES NE Interceptor Improvements	Planning/Design - continuation	279343	51	\$ 64,502,776
86	MCES Riverview Siphon Improvements	Constuction	279344	51	\$ 8,712,838
87	Clarkfield	Rehab/expand existing system	272535	51	
88	Wolf Lake	New collection and treatment system, ponds	279563	50	\$ 936,100
89	Mahnomen	Sewer rehab	279380	50	\$ 950,000
90	Brownton	Rehab/expand existing system	279516	50	
91	Medford	Rehab/expand existing system	272114	49	\$ 1,525,000
92	Pelican Rapids - P treatment	Rehap, advanced treatment	279561	48	\$ 4,373,000
93	Howard Lake	Rehab/expand existing system, P treatment	279359	48	\$ 5,000,000
94	Butterfield	Rehab/expand existing system	272479	48	\$ 2,005,000
95	Hadley	Unsewered / collection system with clusters	279527	46	\$ 1,148,000
96	MCES Brooklyn Park Int. Rehab	Constuction	279382	46	\$ 17,243,877

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
97	MCES Elm Creek	Construction - continuation	272146	46	\$ 19,676,661
98	MCES Hopkins LS/FM Improvements	Planning/Design - continuation	272493	46	\$ 38,991,700
99	MCES Lift Station L-12 Improvements	Construction - continuation	272629	46	\$ 4,005,600
100	MCES LS Sup. Control/Field Telemetry	Construction - continuation	272544	46	\$ 1,533,285
101	MCES Mpls/St. Paul Interceptor Improvements	Planning/Design - continuation	272494	46	\$ 72,802,366
102	MCES MWWTP Space Util./ Fac. Improv.	Planning/Design	279435	46	\$ 79,991,011
103	MCES So. St. Paul Forcemain	Constuction	279386	46	\$ 35,317,239
104	MCES Blue Lake Int. System Improvements	Constuction	279356	46	\$ 131,652,574
105	Austin	Rehab/expand existing system	272409	46	\$ 5,000,000
106	Staples - Northwest Area	I/I correction and service extension	279398	46	\$ 1,575,000
107	MCES MWWTP Solids Processing Improvemer	Construction - continuation	272355	46	\$ 10,149,001
108	Hancock	New treatment facility	272437	46	\$ 3,253,000
109	St. Hilaire	Rehab/expand existing system	272491	46	\$ 1,911,250
110	Perley	Rehab collection and treatment system	279469	46	\$ 1,116,000
111	Gilbert	Rehab/expand existing system	272306	46	\$ 1,300,000
112	Buhl	Rehab collection system, advance treatment	279550	46	\$ 1,715,500
113	Brooten	Rehab/expand existing system	272458	46	\$ 2,393,500
114	Lansing Twp 2 - Woodhaven	Unsewered / connect to Lansing Twsp	279336	45	\$ 3,200,000
115	Moorhead	Rehab existing system, solids improvements	279501	45	\$ 12,442,715
116	New Munich	Expand WWTP	279560	45	\$ 400,000
117	Pine City	Expand existing system	279517	44	\$ 30,000,000
118	Red Wing - Phase 2	Phosphorous removal and other improvements	273002	44	\$ 4,718,800
119	Granite Falls - Phase 2	Rehab/expand existing system	272197	44	\$ 1,580,000
120	Royalton	Expand existing system	272637	44	\$ 1,500,000
121	Watertown	Rehab/expand existing system	279514	43	\$ 9,400,000
122	Nashwauk	Sewer extension, expand existing system	272537	43	\$ 2,759,150
123	Warroad	Rehab/expand existing system	272473	43	\$ 4,277,313
124	Greenbush	Sewer rehab	279371	43	\$ 282,968
125	Northome	Rehab collection and treatment system	279592	43	
126	Grand Marais	I/I correction	272477	42	\$ 645,500
127	Rush City	Expand existing system	279519	42	
128	Big Lake Area SD - Fond du Lac	Unsewered / collection and treatment	279480	40	\$ 7,984,724

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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
129	Mentor	Unsewered / collection and treatment	272592	40	\$ 1,800,000
130	Henning	I/I correction	272626	40	\$ 350,000
131	Pequot Lakes - Existing area	Rehab existing system / spray irrigation	279521	40	\$ 4,000,000
132	Pequot Lakes - Hwy 371	Rehab existing system / spray irrigation	279520	40	\$ 750,000
133	Eden Valley	Rehab collection system, RIB construction	279581	40	\$ 1,050,000
134	Kimball	Rehab/expand existing system	272594	40	\$ 530,700
135	Underwood - rehab lagoon	Rehab expand existing lagoons	279556	40	\$ 1,579,000
136	Backus	Rehab/expand existing system	279602	40	\$ 1,250,000
137	Browerville - Phase 2	Treatment facility rehab	272617	39	\$ 4,631,000
138	MCES Empire Service Area Capacity	Construction - continuation	272547	38	\$ 14,360,566
139	Canby	Sewer rehab	272322	38	\$ 2,750,000
140	Osakis	Rehab/expand existing system	279500	38	\$ 5,500,000
141	Annandale/Maple Lake	New treatment plant	272645	38	\$ 16,036,613
142	Stephen	Rehab/expand existing system	272496	38	\$ 988,000
143	Hamburg	Regionalize - Norwood/Young America	279452	38	\$ 2,933,000
144	St. Martin	Rehab / expand existing system	279502	38	\$ 1,500,000
145	Starbuck	Expand existing system	279515	37	\$ 579,700
146	MCES Seneca Disinfection and Phosphorus	Construction - continuation	279345	36	\$ 24,153,384
147	Big Lake	Expand existing system	272616	36	\$ 18,760,000
148	Grove City	Construct a new mech treatment fac	279549	36	\$ 4,279,200
149	Brownsville	Rehab treatment facility	279489	34	\$ 1,210,000
150	La Crescent	Rehab/expand existing system	272324	33	\$ 796,200
151	Menahga	Rehab/expand existing system	272632	33	\$ 1,462,480
152	Darwin	Upgrade ponds	279562	33	
153	Chisholm	Replace digester cover	272609	32	\$ 400,000
154	Silver Creek Twp - Stewart River	Unsewered, connect to existing system	272439	31	\$ 5,300,000
155	Bovey	Rehab collection system	279580	31	\$ 450,000
156	Clearwater SSD - Leonard	Unsewered, ISTS and clusters	279586	30	
157	Quamba	Unsewered - connect to Mora	272636	29	\$ 1,460,000
158	MCES Hastings WWTP	Planning/Design - continuation	272630	29	\$ 54,102,538
159	Mazeppa	Rehab/expand existing system	279509	29	\$ 1,200,000
160	Rose Creek	Rehab existing collection system, I and I	279554	29	\$ 542,925

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
161	Amador Township - Almelund SSD	Replace community mound	279508	28	
162	Nashwauk - Phase 2	Rehab collection system	279553	28	\$ 1,243,275
163	Deer River	Rehab/expand existing system	272596	28	\$ 1,481,410
164	Alborn Twp	Unsewered - clusters	279437	26	\$ 1,004,248
165	MCES NW Interceptor Improvements	Planning/Design - continuation	272628	26	\$ 183,219,406
166	Princeton	Expand existing system	271146	25	\$ 13,240,000
167	Jackson County - Loon Lake	Unsewered / collection and treatment	272554	25	\$ 483,635
168	Nisswa	Rehab/expand ponds, add subsurface disposal	279535	25	\$ 2,000,000
169	Peterson	Construct new treatment facility	279488	24	\$ 590,500
170	Miltona	Rehab collection system, connect to CLRSD Phase 3	279463	23	\$ 1,787,090
171	Hitterdal	Rehab/expand ponds, sewer extension	272595	23	\$ 825,500
172	Kandiyohi County - Henderson, George and Ne	Unsewered / connect to Green Lake SD	279506	21	\$ 2,100,000
173	Clearwater SSD - Shevlin	Unsewered, ISTS and central collection and treatment	279584	21	
174	Kandiyohi County - Diamond Lake	Unsewered / connect to Green Lake SD	279507	20	\$ 6,817,900
175	Williams	Rehab treatment system	279590	20	\$ 200,000
176	Paynesville	Expand treatment and RIB basins	279546	20	\$ 1,410,000
177	Laporte	Rehab collection and treatment system, expansion	279573	20	\$ 250,000
178	Knife River-Larsmont SD	Unswrd,connect Larsmont to Duluth/N.Shore	272438	19	\$ 9,000,000
179	Motley	Rehab existing collection system and facility, Advanced treatmen	279548	19	\$ 2,500,000
180	Clearwater SSD - Solway	Unsewered, ISTS or central collection and treatment	279585	18	
181	Cottonwood - Phase 2	Sewer extension to an industrial park	272611	18	\$ 166,000
182	Floodwood	Sewer extension - business park	279449	18	
183	Hampton	Rehab/expand existing system	272532	16	
184	Laporte - Unsewered	Unsewered, sewer collection extension	279578	15	\$ 100,000
185	Tower - Hoo-Doo Point Extension	Hoo-Doo Point sewer extension	272639	15	\$ 627,300
186	Crane Lake - Eastern Service Area	Sewer ext. to unsewered areas	272618	15	\$ 3,860,000
187	Menahga - unsewered	Unsewered	279601	12	
188	Shafer	Expand WWTF, install chemical P treatment	279471	11	\$ 1,865,600
189	Gilbert - Sparta Location	Unsewered / connect to Gilbert	272504	10	\$ 600,000
190	Mora	Interceptor to collect Quamba flows	279524	9	\$ 864,500
191	Lansing Twp 2	Expand existing treatment WWTP	279600	9	
192	Palisade	Sewer rehab and expansion	279467	8	\$ 389,250

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
193	Grand Rapids	Sewer extension - Golf Course Road	279451	5	\$ 2,352,134
194	Tofte/Schroeder	Unsewered / collection and treatment	279602	5	\$ 10,350,000
195	Cotton Township	Unsewered area, collection and treatment	279441	5	\$ 649,369
196	Iron Junction - Pond Expansion	Stabilization pond expansion	279571	4	\$ 909,437
197	Alexandria Lakes Area Service Region	Sewer extensions to unsewered areas	272468	1	\$ 5,811,079
198	Bigfork	Rehab and expand ponds	279438	1	\$ 1,551,000
199	Bruno	Unsewered - pressure sewer/sand filter	279440	1	\$ 1,500,000
200	Burtrum	Unsewered area	279365	1	
201	Clearwater SSD - Shevlin/Solway/Leonard	Unsewered / collection and treatment	272600	1	\$ 2,682,000
202	CLRSD Phase 1 - LaGrand/Moe Townships	Unsewered / connect to ALASD	279337	1	\$ 9,942,000
203	CLRSD Phase 2 - Brandon Township	Unsewered / connect to ALASD	272503	1	\$ 7,000,000
204	CLRSD Phase 3 - Miliona Township	Unsewered / connect to ALASD	272417	1	\$ 25,800,000
205	Deerwood	Rehab/expand existing system	279443	1	\$ 150,000
206	Dilworth	Sewer rehab	272607	1	\$ 975,000
207	Dunnell	Corrective action project	279445	1	\$ 1,072,100
208	Effie	Unsewered / collection and treatment	272621	1	\$ 1,650,300
209	Elba	Unsewered / collection and treatment	272425	1	
210	Ellsworth	Rehab sewers, I/I reduction	279448	1	\$ 563,000
211	Elmore	Rehab/expand existing system	272421	1	\$ 792,700
212	Forest City Township	Unsewered / collection and treatment	279526	1	
213	Gaylord - Sewer Extension	Service extension to unsewered area	272448	1	
214	Gaylord - WWTP Improvements	Rehab/expand existing system	272447	1	
215	Goodview - Woodhaven Estates I	Unsewered / collection system	279537	1	\$ 617,600
216	Grand Rapids - Annes Area 3	Unsewered	279511	1	\$ 425,000
217	Iron Junction - Unsewered	Unsewered, sewer collection extension	279574	1	
218	Kingston	Unsewered / replace septic	279532	1	
219	Lake Twp - Lakewood MPH	Unsewered - collection and treatment	279598	1	\$ 1,958,495
220	Lake Twp - Springsteel	Unsewered - collection and treatment	272474	1	\$ 2,456,289
221	Lake Twp - Warroad Estates/Northern Lights M	Unsewered - collection and treatment	279604	1	\$ 3,775,579
222	Lewisville	Corrective action project	279460	1	\$ 1,540,046
223	Lucan	Rehab/expand existing system	272586	1	\$ 600,000
224	McGrath	Corrective action project	279461	1	\$ 470,000

**APPENDIX 4: Clean Water Revolving Fund
2008 Project Priority List**

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
225	Meadowlands	Rehab existing system	279387	1	
226	Milaca	Relocate ponds	279462	1	\$ 13,136,500
227	Nielsville	Pond rehab, l/I removal	279416	1	
228	Northern Twsp.	Unsewered area	272604	1	\$ 7,620,000
229	Ormsby	Unsewered / collection and treatment	272501	1	\$ 1,800,000
230	Oslo	Rehab/expand existing system	272412	1	\$ 736,000
231	Ottertail	Unsewered	272311	1	\$ 3,198,000
232	Parkers Prairie	Sewer extensions and improvements	279389	1	\$ 644,000
233	Pelican Group Of Lakes Improvement Dist	Unsewered / collection and treatment	272581	1	\$ 16,949,850
234	Perham	Wastewater infiltration basins	279390	1	\$ 600,000
235	Pope County - Lk Minnewaska/Lk Pelican	Unsewered / collection and treatment	272573	1	\$ 15,250,000
236	Racine	Rehab/expand existing system	272608	1	\$ 520,000
237	Randolph	Unsewered / collection and treatment	272584	1	\$ 3,715,600
238	Rice Lake Township	Unsewered / collection and treatment	272538	1	\$ 4,892,926
239	Rutledge	Unsewered / collection and treatment	272569	1	\$ 1,292,000
240	Silver Creek Twp - Castle Danger 2	Unsewered, connect to existing system	279408	1	\$ 3,609,000
241	St. Francis	New eastside WWTP and rehab at Westside WWTP	279525	1	\$ 8,890,000
242	St. James	Rehab collection and treatment system, advance treatment	279591	1	\$ 2,000,000
243	St. Stephen	Unsewered / collection and treatment	272552	1	\$ 9,518,000
244	Staples - Stormwater Northwest Area	Stormwater- Northwest Area	279522	1	
245	Tower - West T.H. 169 Extension	Sewer extension to West T.H. 169 area	279409	1	\$ 787,000
246	Viking	Unsewered / collection and treatment	272511	1	
247	Villard Area Lakes SD	Unsewered / collection and treatment	279603	1	\$ 7,560,000
248	Westbrook	Rehab/expand existing system	272529	1	
249	Whalan	Unsewered / collection and treatment	272605	1	\$ 1,012,550
250	Willow River	Rehab/expand existing system	279533	1	
251	Wright	Unsewered / collection and treatment	272582	1	
Total Estimated Cost					\$ 1,781,221,916

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Afton	2,839
Andover	26,588
Anoka	18,076
Apple Valley	45,527
Arden Hills	9,652
Bayport	3,162
Baytown Twp.	1,533
Benton Twp.	939
Bethel	443
Birchwood	968
Blaine	45,014
Blakeley Twp.	496
Bloomington	85,172
Brooklyn Center	29,172
Brooklyn Park	67,388
Burns Twp.	3,557
Burnsville	60,220
Camden Twp.	955
Carver	1,266
Castle Rock Twp.	1,495
Cedar Lake Twp.	2,197
Centerville	3,202
Champlin	22,193
Chanhassen	20,321
Chaska	17,449
Chaska Twp.	154
Circle Pines	4,663
Coates	163

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Cologne	1,012
Columbia Heights	18,520
Columbus Twp.	3,957
Coon Rapids	61,607
Corcoran	5,630
Cottage Grove	30,582
Credit River Twp.	3,895
Crystal	22,698
Dahlgren Twp.	1,453
Dayton	4,693
Deephaven	3,853
Dellwood	1,033
Denmark Twp.	1,348
Douglas Twp.	760
Eagan	63,557
East Bethel	10,941
Eden Prairie	54,901
Edina	47,425
Elko	472
Empire Twp.	1,638
Eureka Twp.	1,490
Excelsior	2,393
Falcon Heights	5,572
Farmington	12,365
Forest Lake City	14,440
Fort Snelling	442
Fridley	27,449

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Gem Lake	419
Golden Valley	20,281
Grant	4,026
Greenfield	2,544
Greenvale Twp.	684
Greenwood	729
Grey Cloud Twp.	307
Ham Lake	12,710
Hamburg	538
Hampton	434
Hampton Twp.	986
Hancock Twp.	367
Hanover	332
Hassan Twp.	2,463
Hastings	18,204
Helena Twp.	1,440
Hilltop	766
Hollywood Twp.	1,102
Hopkins	17,367
Hugo	6,363
Independence	3,236
Inver Grove Heights	29,751
Jackson Twp.	1,361
Jordan	3,833
Lake Elmo	6,863
Lake St. Croix Beach.	1,140
Lakeland	1,917
Lakeland Shores	355

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Laketown Twp.	2,331
Lakeville	43,128
Landfall	700
Lauderdale	2,364
Lexington	2,142
Lilydale	552
Lino Lakes	16,791
Linwood Twp.	4,668
Little Canada	9,771
Long Lake	1,842
Loretto	570
Louisville Twp.	1,359
Mahtomedi	7,563
Maple Grove	50,365
Maple Plain	2,088
Maplewood	35,258
Marine on St. Croix	602
Marshan Twp.	1,263
May Twp.	2,928
Mayer	554
Medicine Lake	368
Medina	4,005
Mendota	197
Mendota Heights	11,434
Miesville	135
Minneapolis	382,747
Minnetonka	51,102

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Minnetonka Beach	614
Minnetrista	4,358
Mound	9,435
Mounds View	12,738
New Brighton	22,206
New Germany	346
New Hope	20,873
New Market	332
New Market Twp.	3,057
New Scandia Twp.	3,692
New Trier	116
Newport	3,715
Nininger Twp.	865
North Oaks	3,883
North St. Paul	11,929
Norwood Young America	3,108
Oak Grove	6,903
Oak Park Heights	3,777
Oakdale	26,653
Orono	7,538
Osseo	2,434
Pine Springs	421
Plymouth	65,894
Prior Lake	15,917
Ramsey	18,510
Randolph	318
Randolph Twp.	536
Ravenna Twp.	2,355

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Richfield	34,310
Robbinsdale	14,123
Rogers	3,588
Rosemount	14,619
Roseville	33,690
San Francisco Twp.	888
Sand Creek Twp.	1,551
Savage	21,115
Sciota Twp.	285
Shakopee	20,568
Shoreview	25,924
Shorewood	7,400
South St. Paul	20,167
Spring Lake Park	6,772
Spring Lake Twp.	3,681
Spring Park	1,717
St. Anthony	8,012
St. Bonifacius	1,873
St. Francis	4,910
St. Lawrence Twp.	472
St. Louis Park	44,102
St. Mary's Point	344
St. Paul	286,840
St. Paul Park	5,070
Stillwater	15,323
Stillwater Twp.	2,553
Sunfish Lake	504

Appendix 5:

Twin Cities Area Communities Served by Metropolitan Council Environmental Services (MCES)

--- Total of 184 Communities ---

Community	Population (2000 U.S. Census)
Tonka Bay	1,547
Vadnais Heights	13,069
Vermillion	437
Vermillion Twp.	1,243
Victoria	4,025
Waconia	6,814
Waconia Twp.	1,284
Waterford Twp.	517
Watertown	3,029
Watertown Twp.	1,432
Wayzata	4,113
West Lakeland Twp.	3,547
West St. Paul	19,405
White Bear Lake	24,325
White Bear Twp.	11,293
Willernie	549
Woodbury	46,463
Woodland	480
Young America Twp.	838

Total Population of MCES Service Area: 2,633,609

Appendix 6:

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, is it probable that future wastewater infrastructure needs and capital costs are *over-reported* or *under-reported* by the WINS survey and the Project Priority List (PPL)? As discussed below, a combination of the *variability of future cost estimates* and the *limited capability, resources and expertise of smaller communities* make it probable that this report *under-reports* future wastewater infrastructure needs and capital costs.

Variability of Future Cost Estimates

There is an inherent variability between estimates of future costs and the actual costs of infrastructure improvements. The timeframe from when a project need is first identified to construction completion consists of several phases:

1. Recognition of Need. The process may begin formally with infrastructure strategic planning, a capital improvement plan (CIP), infiltration/inflow analysis or a sewer system evaluation survey. Or it may begin with little more than a general recognition of a need (e.g., the collection system on the northwest side of town was constructed some time in the 1930s and will need to be rehabilitated or replaced within the next five to ten years – if not sooner.)
2. Facilities Planning. The next step is to develop a facilities plan (also known as a preliminary engineering report), initiate the process of environmental review and begin to secure funding for the project.
3. Plans and Specifications. The approval of a facilities plan (the MPCA and Rural Development of the U.S. Department of Agriculture review and approve facilities plans in Minnesota) the completion of environmental review and securing of funding commitments is followed by the development of construction plans and specifications.
4. Bidding and Construction. In every major construction project, there are risks of unforeseen conditions that alter the total cost of the project.

Cost estimates for future projects reported to the WINS survey and the PPL are at all different phases in this life-cycle of an infrastructure project. This increases the variability of future cost estimates. Also, based on anecdotal information, costs generally increase from initial estimates to construction (even adjusted for present value). Without additional research, it is unclear whether this is a routine occurrence that contributes to the under-reporting of future infrastructure costs.

Appendix 6: Survey Responses and Methodological Considerations

Community Capabilities, Resources and Expertise

The accuracy of future cost estimates for wastewater infrastructure projects are significantly affected by the availability of resources and expertise to:

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

While there are exceptions, the *capability* of a community or sanitary district to accurately estimate the future costs of wastewater treatment depends on resources and expertise. This is, in turn, dependent upon the size of the community or sanitary district — the number of connections — and the opportunity for economies of scale.

Consider, for example, the difference in capability characteristic of a city of 300 residents as compared to the state's largest wastewater entities, Metropolitan Council Environmental Services (MCES) and the Western Lake Superior Sanitary District (WLSSD). MCES and WLSSD have extensive capabilities to track the condition of existing infrastructure and ascertain the need for rehabilitation and replacement over time frames extending to 20 years and longer and to develop extensive strategic and capital improvement plans based on professional evaluations and itemizations of project costs. In contrast – and although there are notable exceptions – a city of 300 tends to be fortunate if it can locate an accurate and comprehensive map of its collection sewer system or afford a professional evaluation of the condition and remaining useful life of its treatment facilities.

In general, as the population of a community or sanitary district service area exceeds 1,000 residents, capital improvement planning for wastewater infrastructure becomes more feasible. For smaller communities not faced with an immediate and critical need, exercising the administrative and institutional capabilities and acquiring the resources and expertise necessary for infrastructure surveying and planning tends to be problematic. The probable result of this situation is that the future needs (i.e., 5-10 years and 10-20 years) of communities with populations of less than 1,000 tend to be significantly *under-reported* in the WINS survey.